



Western Refining Southwest LLC  
D/B/A Marathon Gallup Refinery  
2022 Annual Groundwater Monitoring Report

## **Appendix A – 2022 Field Logs**

**Appendix A-1. 1<sup>st</sup> Quarter Field Logs**

**Appendix A-2. 2<sup>nd</sup> Quarter Field Logs**

**Appendix A-3. 3<sup>rd</sup> Quarter Field Logs**

**Appendix A-4. 4<sup>th</sup> Quarter Field Logs**



Western Refining Southwest LLC  
D/B/A Marathon Gallup Refinery  
2022 Annual Groundwater Monitoring Report

## **Appendix A-1. 1<sup>st</sup> Quarter Field Logs**

| WELL ID              |                       | TEST PARAMETERS                                   |                      |      |                                               |                      |           |                |                         |          |
|----------------------|-----------------------|---------------------------------------------------|----------------------|------|-----------------------------------------------|----------------------|-----------|----------------|-------------------------|----------|
| MKTf-01R             |                       | Volumes                                           | TIME                 | pH   | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (%) | ORP (mv) |
| GAUGE DATE           | 3/1                   | Initial                                           | 2:00                 | 7.02 | 13.3                                          | 4.26                 | 2769.00   | 2.28           | 0.71                    | -92.7    |
| GAUGE TIME           |                       | 1                                                 | 2:04                 | 7.00 | 13.1                                          | 4.20                 | 2766.50   | 2.28           | 0.71                    | -90.1    |
| DHC (FEET)           | <del>10.50</del>      | 2                                                 | 2:09                 | 7.00 | 13.0                                          | 4.20                 | 2760.00   | 2.27           | 0.70                    | -90.1    |
| DTW (FEET)           | <del>10.00</del> 3.16 | 3                                                 |                      |      |                                               |                      |           |                |                         |          |
| DTB (FEET)           | 18.11                 | 4                                                 |                      |      |                                               |                      |           |                |                         |          |
| DTB - DTW            | 14.75                 | 5                                                 |                      |      |                                               |                      |           |                |                         |          |
| CAPACITY PER<br>FOOT | 0.653 - 4"            | 6                                                 |                      |      |                                               |                      |           |                |                         |          |
|                      | 0.163 - 2"            |                                                   |                      |      |                                               |                      |           |                |                         |          |
| PURGING DATA         |                       |                                                   |                      |      |                                               |                      |           |                |                         |          |
| 3 WELL<br>VOLUMES    | 7.25                  | WEATHER CONDITIONS:<br>Sunny 59°F 16 mph SW winds |                      |      |                                               |                      |           |                |                         |          |
| PURGE DATE           | 3/16                  | WATER APPEARANCE / ODOR:<br>Brown / H/C odor      |                      |      |                                               |                      |           |                |                         |          |
| END OF PURGE<br>TIME | 2:10                  | COMMENTS:                                         |                      |      |                                               |                      |           |                |                         |          |
| PURGE<br>AMOUNT      | 7.50                  |                                                   |                      |      |                                               |                      |           |                |                         |          |
| DTW (FEET)           |                       |                                                   |                      |      |                                               |                      |           |                |                         |          |
| SAMPLING DATA        |                       |                                                   |                      |      |                                               |                      |           |                |                         |          |
| SAMPLE DATE          | 3/17                  | WEATHER CONDITIONS:<br>Cloudy 34°F                |                      |      |                                               |                      |           |                |                         |          |
| DTW (FEET)           | 17.76                 | WATER APPEARANCE / ODOR:<br>Brown / H/C odor      |                      |      |                                               |                      |           |                |                         |          |
| SAMPLE TIME          | 8:40                  | COMMENTS:                                         |                      |      |                                               |                      |           |                |                         |          |
| SAMPLE LOG           |                       |                                                   |                      |      |                                               |                      |           |                |                         |          |
| SAMPLE ID            |                       | CONTAINER TYPE                                    | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                      |           |                |                         |          |
| MKTf-01R             |                       | 40 ML VOA                                         | 6                    |      | HCL                                           |                      |           |                |                         |          |
|                      |                       | 40 ML VOA                                         | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                         |          |
|                      |                       | 1 LITER AMBER                                     | 2                    |      | NEAT                                          |                      |           |                |                         |          |
|                      |                       | 500 ML AMBER                                      | 1                    |      | NEAT                                          |                      |           |                |                         |          |
|                      |                       | 250 ML PLASTIC                                    | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                         |          |
|                      |                       | 125 ML PLASTIC FILTERED                           | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                         |          |
|                      |                       | 500 ML PLASTIC                                    | 1                    |      | NaOH                                          |                      |           |                |                         |          |
| INSTRUMENTS USED     |                       | OIL / WATER INTERFACE PROBE                       |                      |      |                                               |                      |           |                |                         |          |
|                      |                       | WATER QUALITY/PARAMETER PROBE                     |                      |      |                                               |                      |           |                |                         |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                             |                      |      |                                               |                      |           |                |                            |          |
|----------------------|------------|---------------------------------------------|----------------------|------|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTf-02R             |            | Volumes                                     | TIME                 | pH   | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/11       | Initial                                     | 3:25                 | 7.28 | 13.5                                          | 7.09                 | 4608.50   | 3.92           | 1.52                       | 25.2     |
| GAUGE TIME           |            | 1                                           | 3:26                 | 7.25 | 13.2                                          | 7.05                 | 4618.50   | 3.95           | 1.50                       | 25.0     |
| DHC (FEET)           | —          | 2                                           | 3:30                 | 7.25 | 13.3                                          | 7.05                 | 4620.00   | 3.94           | 1.50                       | 25.1     |
| DTW (FEET)           | 10.20      | 3                                           |                      |      |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 21.49      | 4                                           |                      |      |                                               |                      |           |                |                            |          |
| DTB - DTW            | 11.29      | 5                                           |                      |      |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                           |                      |      |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                                             |                      |      |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                                             |                      |      |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    | 5.5        | WEATHER CONDITIONS:<br>Sunny 61°F 10mph W   |                      |      |                                               |                      |           |                |                            |          |
| PURGE DATE           | 3/15       | WATER APPEARANCE / ODOR:<br>Clear / No odor |                      |      |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME | 3:30       | COMMENTS:                                   |                      |      |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      | 5.5        |                                             |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 17.85      |                                             |                      |      |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                                             |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE DATE          | 3/16       | WEATHER CONDITIONS:<br>Sunny 46°F 5 mph SW  |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 11.23      | WATER APPEARANCE / ODOR:<br>Clear / No odor |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE TIME          | 10:46      | COMMENTS:                                   |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                                             |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                              | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                      |           |                |                            |          |
| MKTf-02R             |            | 40 ML VOA                                   | 6                    |      | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                                   | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER                               | 2                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                                | 1                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC                              | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                     | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC                              | 1                    |      | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                 |                      |      |                                               |                      |           |                |                            |          |
|                      |            | WATER QUALITY/PARAMETER PROBE               |                      |      |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



| WELL ID              |            | TEST PARAMETERS               |                      |    |                                               |                      |           |                |                         |          |
|----------------------|------------|-------------------------------|----------------------|----|-----------------------------------------------|----------------------|-----------|----------------|-------------------------|----------|
| MKTF-03              |            | Volumes                       | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (%) | ORP (mv) |
| GAUGE DATE           | 3/2        | Initial                       |                      |    |                                               |                      |           |                |                         |          |
| GAUGE TIME           |            | 1                             |                      |    |                                               |                      |           |                |                         |          |
| DHC (FEET)           | 7.70       | 2                             |                      |    |                                               |                      |           |                |                         |          |
| DTW (FEET)           | 8.90       | 3                             |                      |    |                                               |                      |           |                |                         |          |
| DTB (FEET)           | 18.64      | 4                             |                      |    |                                               |                      |           |                |                         |          |
| DTB - DTW            | 9.74       | 5                             |                      |    |                                               |                      |           |                |                         |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                             |                      |    |                                               |                      |           |                |                         |          |
|                      | 0.163 - 2" |                               |                      |    |                                               |                      |           |                |                         |          |
| PURGING DATA         |            |                               |                      |    |                                               |                      |           |                |                         |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:           |                      |    |                                               |                      |           |                |                         |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                      |           |                |                         |          |
| END OF PURGE<br>TIME |            | COMMENTS:<br>Product          |                      |    |                                               |                      |           |                |                         |          |
| PURGE<br>AMOUNT      |            |                               |                      |    |                                               |                      |           |                |                         |          |
| DTW (FEET)           |            |                               |                      |    |                                               |                      |           |                |                         |          |
| SAMPLING DATA        |            |                               |                      |    |                                               |                      |           |                |                         |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:           |                      |    |                                               |                      |           |                |                         |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                      |           |                |                         |          |
| SAMPLE TIME          |            | COMMENTS:                     |                      |    |                                               |                      |           |                |                         |          |
| SAMPLE LOG           |            |                               |                      |    |                                               |                      |           |                |                         |          |
| SAMPLE ID            |            | CONTAINER TYPE                | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                      |           |                |                         |          |
| MKTF-03              |            | 40 ML VOA                     | 6                    |    | HCL                                           |                      |           |                |                         |          |
|                      |            | 40 ML VOA                     | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                         |          |
|                      |            | 1 LITER AMBER                 | 2                    |    | NEAT                                          |                      |           |                |                         |          |
|                      |            | 500 ML AMBER                  | 1                    |    | NEAT                                          |                      |           |                |                         |          |
|                      |            | 250 ML PLASTIC                | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                         |          |
|                      |            | 125 ML PLASTIC FILTERED       | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                         |          |
|                      |            | 500 ML PLASTIC                | 1                    |    | NaOH                                          |                      |           |                |                         |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE   |                      |    |                                               |                      |           |                |                         |          |
|                      |            | WATER QUALITY/PARAMETER PROBE |                      |    |                                               |                      |           |                |                         |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID               |            | TEST PARAMETERS                                  |                      |      |                                               |                      |           |                |                            |          |
|-----------------------|------------|--------------------------------------------------|----------------------|------|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTf-04R              |            | Volumes                                          | TIME                 | pH   | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE            | 3/2        | Initial                                          | 01:10                | 7.08 | 14.5                                          | 2.08                 | 1352      | 1.07           | 1.76                       | -61.1    |
| GAUGE TIME            |            | 1                                                | 01:14                | 7.08 | 13.8                                          | 2.08                 | 1352      | 1.07           | 1.74                       | -61.1    |
| DHC (FEET)            | —          | 2                                                | 01:17                | 7.10 | 13.8                                          | 2.07                 | 1345.50   | 1.07           | 1.70                       | -62.2    |
| DTW (FEET)            | 9.71       | 3                                                |                      |      |                                               |                      |           |                |                            |          |
| DTB (FEET)            | 19.22      | 4                                                |                      |      |                                               |                      |           |                |                            |          |
| DTB - DTW             | 9.51       | 5                                                |                      |      |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT  | 0.653 - 4" | 6                                                |                      |      |                                               |                      |           |                |                            |          |
|                       | 0.163 - 2" |                                                  |                      |      |                                               |                      |           |                |                            |          |
| PURGING DATA          |            |                                                  |                      |      |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES     | 4.5        | WEATHER CONDITIONS:<br>Sunny 48°F 11 mph winds N |                      |      |                                               |                      |           |                |                            |          |
| PURGE DATE            | 3/14       | WATER APPEARANCE/ ODOR:<br>Brown / HC odor       |                      |      |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME  | 1:20       | COMMENTS:                                        |                      |      |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT       | 4.5        |                                                  |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)            | 14.71      |                                                  |                      |      |                                               |                      |           |                |                            |          |
| SAMPLING DATA         |            |                                                  |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE DATE           | 3/15       | WEATHER CONDITIONS:<br>Sunny 56°F                |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)            | 10.20      | WATER APPEARANCE / ODOR:<br>Brown / HC odor      |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE TIME           | 10:20      | COMMENTS:                                        |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE LOG            |            |                                                  |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE ID<br>MKTf-04R |            | CONTAINER TYPE                                   | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                      |           |                |                            |          |
|                       |            | 40 ML VOA                                        | 6                    |      | HCL                                           |                      |           |                |                            |          |
|                       |            | 40 ML VOA                                        | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                       |            | 1 LITER AMBER                                    | 2                    |      | NEAT                                          |                      |           |                |                            |          |
|                       |            | 500 ML AMBER                                     | 1                    |      | NEAT                                          |                      |           |                |                            |          |
|                       |            | 250 ML PLASTIC                                   | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                       |            | 125 ML PLASTIC FILTERED                          | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                       |            | 500 ML PLASTIC                                   | 1                    |      | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED      |            | OIL / WATER INTERFACE PROBE                      |                      |      |                                               |                      |           |                |                            |          |
|                       |            | WATER QUALITY/PARAMETER PROBE                    |                      |      |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |      |    |                             |                      |           |                |                         |          |
|----------------------|------------|-----------------|------|----|-----------------------------|----------------------|-----------|----------------|-------------------------|----------|
| MKTF-05              |            | Volumes         | TIME | pH | Temperature<br>Degrees (°C) | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (%) | ORP (mv) |
| GAUGE DATE           | 3/2        | Initial         |      |    |                             |                      |           |                |                         |          |
| GAUGE TIME           |            | 1               |      |    |                             |                      |           |                |                         |          |
| DHC (FEET)           | 14.44      | 2               |      |    |                             |                      |           |                |                         |          |
| DTW (FEET)           | 15.08      | 3               |      |    |                             |                      |           |                |                         |          |
| DTB (FEET)           | 17.35      | 4               |      |    |                             |                      |           |                |                         |          |
| DTB - DTW            | 2.67       | 5               |      |    |                             |                      |           |                |                         |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6               |      |    |                             |                      |           |                |                         |          |
|                      | 0.163 - 2" |                 |      |    |                             |                      |           |                |                         |          |

PURGING DATA

|                      |  |                          |
|----------------------|--|--------------------------|
| 3 WELL<br>VOLUMES    |  | WEATHER CONDITIONS:      |
| PURGE DATE           |  | WATER APPEARANCE / ODOR: |
| END OF PURGE<br>TIME |  | COMMENTS:                |
| PURGE<br>AMOUNT      |  |                          |
| DTW (FEET)           |  |                          |

SAMPLING DATA

|             |  |                          |
|-------------|--|--------------------------|
| SAMPLE DATE |  | WEATHER CONDITIONS:      |
| DTW (FEET)  |  | WATER APPEARANCE / ODOR: |
| SAMPLE TIME |  | COMMENTS:                |

SAMPLE LOG

| SAMPLE ID<br>MKTF-05 | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|----------------------|-------------------------|----------------------|-----------------------------------------------|
|                      | 40 ML VOA               | 6                    | HCL                                           |
|                      | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|                      | 1 LITER AMBER           | 2                    | NEAT                                          |
|                      | 500 ML AMBER            | 1                    | NEAT                                          |
|                      | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|                      | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|                      | 500 ML PLASTIC          | 1                    | NaOH                                          |

|                  |                               |
|------------------|-------------------------------|
| INSTRUMENTS USED | OIL / WATER INTERFACE PROBE   |
|                  | WATER QUALITY/PARAMETER PROBE |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

| WELL ID              |            | TEST PARAMETERS               |                      |    |                                               |                      |           |                |                         |          |
|----------------------|------------|-------------------------------|----------------------|----|-----------------------------------------------|----------------------|-----------|----------------|-------------------------|----------|
| MKTF-06              |            | Volumes                       | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (%) | ORP (mv) |
| GAUGE DATE           | 3/2        | Initial                       |                      |    |                                               |                      |           |                |                         |          |
| GAUGE TIME           |            | 1                             |                      |    |                                               |                      |           |                |                         |          |
| DHC (FEET)           | 18.00      | 2                             |                      |    |                                               |                      |           |                |                         |          |
| DTW (FEET)           | 18.95      | 3                             |                      |    |                                               |                      |           |                |                         |          |
| DTB (FEET)           | 23.85      | 4                             |                      |    |                                               |                      |           |                |                         |          |
| DTB - DTW            | 4.9        | 5                             |                      |    |                                               |                      |           |                |                         |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                             |                      |    |                                               |                      |           |                |                         |          |
|                      | 0.163 - 2" |                               |                      |    |                                               |                      |           |                |                         |          |
| PURGING DATA         |            |                               |                      |    |                                               |                      |           |                |                         |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:           |                      |    |                                               |                      |           |                |                         |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                      |           |                |                         |          |
| END OF PURGE<br>TIME |            | COMMENTS:<br>HAS Product      |                      |    |                                               |                      |           |                |                         |          |
| PURGE<br>AMOUNT      |            |                               |                      |    |                                               |                      |           |                |                         |          |
| DTW (FEET)           |            |                               |                      |    |                                               |                      |           |                |                         |          |
| SAMPLING DATA        |            |                               |                      |    |                                               |                      |           |                |                         |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:           |                      |    |                                               |                      |           |                |                         |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                      |           |                |                         |          |
| SAMPLE TIME          |            | COMMENTS:                     |                      |    |                                               |                      |           |                |                         |          |
| SAMPLE LOG           |            |                               |                      |    |                                               |                      |           |                |                         |          |
| SAMPLE ID            |            | CONTAINER TYPE                | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                      |           |                |                         |          |
| MKTF-06              |            | 40 ML VOA                     | 6                    |    | HCL                                           |                      |           |                |                         |          |
|                      |            | 40 ML VOA                     | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                         |          |
|                      |            | 1 LITER AMBER                 | 2                    |    | NEAT                                          |                      |           |                |                         |          |
|                      |            | 500 ML AMBER                  | 1                    |    | NEAT                                          |                      |           |                |                         |          |
|                      |            | 250 ML PLASTIC                | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                         |          |
|                      |            | 125 ML PLASTIC FILTERED       | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                         |          |
|                      |            | 500 ML PLASTIC                | 1                    |    | NaOH                                          |                      |           |                |                         |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE   |                      |    |                                               |                      |           |                |                         |          |
|                      |            | WATER QUALITY/PARAMETER PROBE |                      |    |                                               |                      |           |                |                         |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |      |    |                             |                      |           |                |                         |          |
|----------------------|------------|-----------------|------|----|-----------------------------|----------------------|-----------|----------------|-------------------------|----------|
| MKTf-07              |            | Volumes         | TIME | pH | Temperature<br>Degrees (°C) | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (%) | ORP (mv) |
| GAUGE DATE           | 3/2        | Initial         |      |    |                             |                      |           |                |                         |          |
| GAUGE TIME           |            | 1               |      |    |                             |                      |           |                |                         |          |
| DHC (FEET)           | 13.92      | 2               |      |    |                             |                      |           |                |                         |          |
| DTW (FEET)           | 14.00      | 3               |      |    |                             |                      |           |                |                         |          |
| DTB (FEET)           | 17.85      | 4               |      |    |                             |                      |           |                |                         |          |
| DTB - DTW            | 3.85       | 5               |      |    |                             |                      |           |                |                         |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6               |      |    |                             |                      |           |                |                         |          |
|                      | 0.163 - 2" |                 |      |    |                             |                      |           |                |                         |          |

## PURGING DATA

|                      |  |                          |
|----------------------|--|--------------------------|
| 3 WELL<br>VOLUMES    |  | WEATHER CONDITIONS:      |
| PURGE DATE           |  | WATER APPEARANCE / ODOR: |
| END OF PURGE<br>TIME |  | COMMENTS:                |
| PURGE<br>AMOUNT      |  | HAS Product              |
| DTW (FEET)           |  |                          |

## SAMPLING DATA

|             |  |                          |
|-------------|--|--------------------------|
| SAMPLE DATE |  | WEATHER CONDITIONS:      |
| DTW (FEET)  |  | WATER APPEARANCE / ODOR: |
| SAMPLE TIME |  | COMMENTS:                |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
| MKTf-07   | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED OIL / WATER INTERFACE PROBE  
WATER QUALITY/PARAMETER PROBE

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS               |                      |    |                                               |                      |           |                |                         |          |
|----------------------|------------|-------------------------------|----------------------|----|-----------------------------------------------|----------------------|-----------|----------------|-------------------------|----------|
| MKTf-08              |            | Volumes                       | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (%) | ORP (mv) |
| GAUGE DATE           | 312        | Initial                       |                      |    |                                               |                      |           |                |                         |          |
| GAUGE TIME           |            | 1                             |                      |    |                                               |                      |           |                |                         |          |
| DHC (FEET)           | 15.00      | 2                             |                      |    |                                               |                      |           |                |                         |          |
| DTW (FEET)           | 15.33      | 3                             |                      |    |                                               |                      |           |                |                         |          |
| DTB (FEET)           | 22         | 4                             |                      |    |                                               |                      |           |                |                         |          |
| DTB - DTW            | 4.76       | 5                             |                      |    |                                               |                      |           |                |                         |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                             |                      |    |                                               |                      |           |                |                         |          |
|                      | 0.163 - 2" |                               |                      |    |                                               |                      |           |                |                         |          |
| PURGING DATA         |            |                               |                      |    |                                               |                      |           |                |                         |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:           |                      |    |                                               |                      |           |                |                         |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                      |           |                |                         |          |
| END OF PURGE<br>TIME |            | COMMENTS:<br>HAS Product      |                      |    |                                               |                      |           |                |                         |          |
| PURGE<br>AMOUNT      |            |                               |                      |    |                                               |                      |           |                |                         |          |
| DTW (FEET)           |            |                               |                      |    |                                               |                      |           |                |                         |          |
| SAMPLING DATA        |            |                               |                      |    |                                               |                      |           |                |                         |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:           |                      |    |                                               |                      |           |                |                         |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                      |           |                |                         |          |
| SAMPLE TIME          |            | COMMENTS:                     |                      |    |                                               |                      |           |                |                         |          |
| SAMPLE LOG           |            |                               |                      |    |                                               |                      |           |                |                         |          |
| SAMPLE ID            |            | CONTAINER TYPE                | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                      |           |                |                         |          |
| MKTf-08              |            | 40 ML VOA                     | 6                    |    | HCL                                           |                      |           |                |                         |          |
|                      |            | 40 ML VOA                     | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                         |          |
|                      |            | 1 LITER AMBER                 | 2                    |    | NEAT                                          |                      |           |                |                         |          |
|                      |            | 500 ML AMBER                  | 1                    |    | NEAT                                          |                      |           |                |                         |          |
|                      |            | 250 ML PLASTIC                | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                         |          |
|                      |            | 125 ML PLASTIC FILTERED       | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                         |          |
|                      |            | 500 ML PLASTIC                | 1                    |    | NaOH                                          |                      |           |                |                         |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE   |                      |    |                                               |                      |           |                |                         |          |
|                      |            | WATER QUALITY/PARAMETER PROBE |                      |    |                                               |                      |           |                |                         |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |      |    |                             |                      |           |                |                            |          |
|----------------------|------------|-----------------|------|----|-----------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTf-09              |            | Volumes         | TIME | pH | Temperature<br>Degrees (°C) | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 312        | Initial         |      |    |                             |                      |           |                |                            |          |
| GAUGE TIME           |            | 1               |      |    |                             |                      |           |                |                            |          |
| DHC (FEET)           | 15.11      | 2               |      |    |                             |                      |           |                |                            |          |
| DTW (FEET)           | 15.15      | 3               |      |    |                             |                      |           |                |                            |          |
| DTB (FEET)           | 22.76      | 4               |      |    |                             |                      |           |                |                            |          |
| DTB - DTW            | 7.55       | 5               |      |    |                             |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6               |      |    |                             |                      |           |                |                            |          |
|                      | 0.163 - 2" |                 |      |    |                             |                      |           |                |                            |          |

PURGING DATA

|                      |  |                          |
|----------------------|--|--------------------------|
| 3 WELL<br>VOLUMES    |  | WEATHER CONDITIONS:      |
| PURGE DATE           |  | WATER APPEARANCE / ODOR: |
| END OF PURGE<br>TIME |  | COMMENTS:                |
| PURGE<br>AMOUNT      |  |                          |
| DTW (FEET)           |  |                          |

SAMPLING DATA

|             |  |                          |
|-------------|--|--------------------------|
| SAMPLE DATE |  | WEATHER CONDITIONS:      |
| DTW (FEET)  |  | WATER APPEARANCE / ODOR: |
| SAMPLE TIME |  | COMMENTS:                |

SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
| MKTf-09   | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED OIL / WATER INTERFACE PROBE  
WATER QUALITY/PARAMETER PROBE

COMPLETED BY:

SIGNATURE:

| WELL ID              |            | TEST PARAMETERS                                        |                      |      |                                               |                      |           |                |                            |          |
|----------------------|------------|--------------------------------------------------------|----------------------|------|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTf-10              |            | Volumes                                                | TIME                 | pH   | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3-1        | Initial                                                | 11:50                | 6.87 | 11.4                                          | 3.25                 | 2112.00   | 1.71           | 1.27                       | -36.3    |
| GAUGE TIME           |            | 1                                                      | 12:02                | 6.93 | 11.9                                          | 3.27                 | 2170.50   | 1.91           | 1.30                       | -39.9    |
| DHC (FEET)           | —          | 2                                                      |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 8.30       | 3                                                      |                      |      |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 16.61      | 4                                                      |                      |      |                                               |                      |           |                |                            |          |
| DTB - DTW            |            | 5                                                      |                      |      |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                      |                      |      |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                                                        |                      |      |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                                                        |                      |      |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    | 16.50      | WEATHER CONDITIONS:<br>Sunny 50°F 10 mph NW winds      |                      |      |                                               |                      |           |                |                            |          |
| PURGE DATE           | 3/15       | WATER APPEARANCE / ODOR:<br>Purged Dry Clear / No odor |                      |      |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME | 2:25       | COMMENTS:                                              |                      |      |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      | 10.00      |                                                        |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | Dry        |                                                        |                      |      |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                                                        |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE DATE          | 3/15       | WEATHER CONDITIONS:<br>Sunny 52°F                      |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 8.77       | WATER APPEARANCE / ODOR:<br>Clear / No odor            |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE TIME          | 11:56      | COMMENTS:<br>FB 3-15-22 collected                      |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                                                        |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE ID<br>MKTf-10 |            | CONTAINER TYPE                                         | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                      |           |                |                            |          |
|                      |            | 40 ML VOA                                              | 6                    |      | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                                              | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER                                          | 2                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                                           | 1                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC                                         | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                                | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC                                         | 1                    |      | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                            |                      |      |                                               |                      |           |                |                            |          |
|                      |            | WATER QUALITY/PARAMETER PROBE                          |                      |      |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                          |                      |      |                                               |                      |           |                |                            |          |
|----------------------|------------|----------------------------------------------------------|----------------------|------|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTf-11              |            | Volumes                                                  | TIME                 | pH   | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/2        | Initial                                                  | 11:30                | 7.05 | 12.7                                          | 4.90                 | 323700    | 2.69           | 1.21                       | -34.4    |
| GAUGE TIME           |            | 1                                                        | 11:40                | 7.00 | 12.0                                          | 5.01                 | 324650    | 2.72           | 1.19                       | -33.6    |
| DHC (FEET)           | —          | 2                                                        |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 7.84       | 3                                                        |                      |      |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 19.34      | 4                                                        |                      |      |                                               |                      |           |                |                            |          |
| DTB - DTW            | 10.50      | 5                                                        |                      |      |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                        |                      |      |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                                                          |                      |      |                                               |                      |           |                |                            |          |
| 2250 PURGING DATA    |            |                                                          |                      |      |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    | 600        | WEATHER CONDITIONS:<br>Sunny 61°F 11 mph W winds         |                      |      |                                               |                      |           |                |                            |          |
| PURGE DATE           | 3/14       | WATER APPEARANCE / ODOR:<br>Sandy, del Grayish / HC odor |                      |      |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME | 13:40      | COMMENTS:<br>Purged DRY                                  |                      |      |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      | 19.00      |                                                          |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | DRY        |                                                          |                      |      |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                                                          |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE DATE          | 3/15       | WEATHER CONDITIONS:<br>Sunny 50°F                        |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 8.32       | WATER APPEARANCE / ODOR:<br>Grayish / HC odor            |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE TIME          | 11:30      | COMMENTS:                                                |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                                                          |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE ID<br>MKTf-11 |            | CONTAINER TYPE                                           | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                      |           |                |                            |          |
|                      |            | 40 ML VOA                                                | 6                    |      | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                                                | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER                                            | 2                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                                             | 1                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC                                           | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                                  | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC                                           | 1                    |      | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                              |                      |      |                                               |                      |           |                |                            |          |
|                      |            | WATER QUALITY/PARAMETER PROBE                            |                      |      |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS               |                      |    |                                               |                      |           |                |                         |          |
|----------------------|------------|-------------------------------|----------------------|----|-----------------------------------------------|----------------------|-----------|----------------|-------------------------|----------|
| MKTf-12              |            | Volumes                       | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (%) | ORP (mv) |
| GAUGE DATE           | 311        | Initial                       |                      |    |                                               |                      |           |                |                         |          |
| GAUGE TIME           |            | 1                             |                      |    |                                               |                      |           |                |                         |          |
| DHC (FEET)           | 19.12      | 2                             |                      |    |                                               |                      |           |                |                         |          |
| DTW (FEET)           | 19.19      | 3                             |                      |    |                                               |                      |           |                |                         |          |
| DTB (FEET)           | 25.88      | 4                             |                      |    |                                               |                      |           |                |                         |          |
| DTB - DTW            | 6.69       | 5                             |                      |    |                                               |                      |           |                |                         |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                             |                      |    |                                               |                      |           |                |                         |          |
|                      | 0.163 - 2" |                               |                      |    |                                               |                      |           |                |                         |          |
| PURGING DATA         |            |                               |                      |    |                                               |                      |           |                |                         |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:           |                      |    |                                               |                      |           |                |                         |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                      |           |                |                         |          |
| END OF PURGE<br>TIME |            | COMMENTS:<br>HAS Product      |                      |    |                                               |                      |           |                |                         |          |
| PURGE<br>AMOUNT      |            |                               |                      |    |                                               |                      |           |                |                         |          |
| DTW (FEET)           |            |                               |                      |    |                                               |                      |           |                |                         |          |
| SAMPLING DATA        |            |                               |                      |    |                                               |                      |           |                |                         |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:           |                      |    |                                               |                      |           |                |                         |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                      |           |                |                         |          |
| SAMPLE TIME          |            | COMMENTS:                     |                      |    |                                               |                      |           |                |                         |          |
| SAMPLE LOG           |            |                               |                      |    |                                               |                      |           |                |                         |          |
| SAMPLE ID            |            | CONTAINER TYPE                | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                      |           |                |                         |          |
| MKTf-12              |            | 40 ML VOA                     | 6                    |    | HCL                                           |                      |           |                |                         |          |
|                      |            | 40 ML VOA                     | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                         |          |
|                      |            | 1 LITER AMBER                 | 2                    |    | NEAT                                          |                      |           |                |                         |          |
|                      |            | 500 ML AMBER                  | 1                    |    | NEAT                                          |                      |           |                |                         |          |
|                      |            | 250 ML PLASTIC                | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                         |          |
|                      |            | 125 ML PLASTIC FILTERED       | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                         |          |
|                      |            | 500 ML PLASTIC                | 1                    |    | NaOH                                          |                      |           |                |                         |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE   |                      |    |                                               |                      |           |                |                         |          |
|                      |            | WATER QUALITY/PARAMETER PROBE |                      |    |                                               |                      |           |                |                         |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS               |                      |    |                                               |                      |           |                |                         |          |
|----------------------|------------|-------------------------------|----------------------|----|-----------------------------------------------|----------------------|-----------|----------------|-------------------------|----------|
| MKTF-13              |            | Volumes                       | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (%) | ORP (mv) |
| GAUGE DATE           | 3/1        | Initial                       |                      |    |                                               |                      |           |                |                         |          |
| GAUGE TIME           |            | 1                             |                      |    |                                               |                      |           |                |                         |          |
| DHC (FEET)           | 13.44      | 2                             |                      |    |                                               |                      |           |                |                         |          |
| DTW (FEET)           | 15.78      | 3                             |                      |    |                                               |                      |           |                |                         |          |
| DTB (FEET)           | 21.75      | 4                             |                      |    |                                               |                      |           |                |                         |          |
| DTB - DTW            | 6.03       | 5                             |                      |    |                                               |                      |           |                |                         |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                             |                      |    |                                               |                      |           |                |                         |          |
|                      | 0.163 - 2" |                               |                      |    |                                               |                      |           |                |                         |          |
| PURGING DATA         |            |                               |                      |    |                                               |                      |           |                |                         |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:           |                      |    |                                               |                      |           |                |                         |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                      |           |                |                         |          |
| END OF PURGE<br>TIME |            | COMMENTS:                     |                      |    |                                               |                      |           |                |                         |          |
| PURGE<br>AMOUNT      |            |                               |                      |    |                                               |                      |           |                |                         |          |
| DTW (FEET)           |            |                               |                      |    |                                               |                      |           |                |                         |          |
| SAMPLING DATA        |            |                               |                      |    |                                               |                      |           |                |                         |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:           |                      |    |                                               |                      |           |                |                         |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                      |           |                |                         |          |
| SAMPLE TIME          |            | COMMENTS:                     |                      |    |                                               |                      |           |                |                         |          |
| SAMPLE LOG           |            |                               |                      |    |                                               |                      |           |                |                         |          |
| SAMPLE ID            |            | CONTAINER TYPE                | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                      |           |                |                         |          |
| MKTF-13              |            | 40 ML VOA                     | 6                    |    | HCL                                           |                      |           |                |                         |          |
|                      |            | 40 ML VOA                     | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                         |          |
|                      |            | 1 LITER AMBER                 | 2                    |    | NEAT                                          |                      |           |                |                         |          |
|                      |            | 500 ML AMBER                  | 1                    |    | NEAT                                          |                      |           |                |                         |          |
|                      |            | 250 ML PLASTIC                | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                         |          |
|                      |            | 125 ML PLASTIC FILTERED       | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                         |          |
|                      |            | 500 ML PLASTIC                | 1                    |    | NaOH                                          |                      |           |                |                         |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE   |                      |    |                                               |                      |           |                |                         |          |
|                      |            | WATER QUALITY/PARAMETER PROBE |                      |    |                                               |                      |           |                |                         |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS               |                      |    |                                               |                      |           |                |                         |          |
|----------------------|------------|-------------------------------|----------------------|----|-----------------------------------------------|----------------------|-----------|----------------|-------------------------|----------|
| MKTf-14              |            | Volumes                       | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (%) | ORP (mv) |
| GAUGE DATE           | 3/1        | Initial                       |                      |    |                                               |                      |           |                |                         |          |
| GAUGE TIME           |            | 1                             |                      |    |                                               |                      |           |                |                         |          |
| DHC (FEET)           | 7.15       | 2                             |                      |    |                                               |                      |           |                |                         |          |
| DTW (FEET)           | 7.36       | 3                             |                      |    |                                               |                      |           |                |                         |          |
| DTB (FEET)           | 17.55      | 4                             |                      |    |                                               |                      |           |                |                         |          |
| DTB - DTW            | 10.19      | 5                             |                      |    |                                               |                      |           |                |                         |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                             |                      |    |                                               |                      |           |                |                         |          |
|                      | 0.163 - 2" |                               |                      |    |                                               |                      |           |                |                         |          |
| PURGING DATA         |            |                               |                      |    |                                               |                      |           |                |                         |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:           |                      |    |                                               |                      |           |                |                         |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                      |           |                |                         |          |
| END OF PURGE<br>TIME |            | COMMENTS:                     |                      |    |                                               |                      |           |                |                         |          |
| PURGE<br>AMOUNT      |            |                               |                      |    |                                               |                      |           |                |                         |          |
| DTW (FEET)           |            |                               |                      |    |                                               |                      |           |                |                         |          |
| SAMPLING DATA        |            |                               |                      |    |                                               |                      |           |                |                         |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:           |                      |    |                                               |                      |           |                |                         |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                      |           |                |                         |          |
| SAMPLE TIME          |            | COMMENTS:                     |                      |    |                                               |                      |           |                |                         |          |
| SAMPLE LOG           |            |                               |                      |    |                                               |                      |           |                |                         |          |
| SAMPLE ID            |            | CONTAINER TYPE                | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                      |           |                |                         |          |
| MKTf-14              |            | 40 ML VOA                     | 6                    |    | HCL                                           |                      |           |                |                         |          |
|                      |            | 40 ML VOA                     | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                         |          |
|                      |            | 1 LITER AMBER                 | 2                    |    | NEAT                                          |                      |           |                |                         |          |
|                      |            | 500 ML AMBER                  | 1                    |    | NEAT                                          |                      |           |                |                         |          |
|                      |            | 250 ML PLASTIC                | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                         |          |
|                      |            | 125 ML PLASTIC FILTERED       | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                         |          |
|                      |            | 500 ML PLASTIC                | 1                    |    | NaOH                                          |                      |           |                |                         |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE   |                      |    |                                               |                      |           |                |                         |          |
|                      |            | WATER QUALITY/PARAMETER PROBE |                      |    |                                               |                      |           |                |                         |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID                       |            | TEST PARAMETERS          |                      |    |                                               |                      |           |                |                            |          |
|-------------------------------|------------|--------------------------|----------------------|----|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTf-15                       |            | Volumes                  | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE                    | 3/2        | Initial                  |                      |    |                                               |                      |           |                |                            |          |
| GAUGE TIME                    |            | 1                        |                      |    |                                               |                      |           |                |                            |          |
| DHC (FEET)                    | 13.30      | 2                        |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)                    | 14.00      | 3                        |                      |    |                                               |                      |           |                |                            |          |
| DTB (FEET)                    | 19.55      | 4                        |                      |    |                                               |                      |           |                |                            |          |
| DTB - DTW                     | 5.55       | 5                        |                      |    |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT          | 0.653 - 4" | 6                        |                      |    |                                               |                      |           |                |                            |          |
|                               | 0.163 - 2" |                          |                      |    |                                               |                      |           |                |                            |          |
| PURGING DATA                  |            |                          |                      |    |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES             |            | WEATHER CONDITIONS:      |                      |    |                                               |                      |           |                |                            |          |
| PURGE DATE                    |            | WATER APPEARANCE / ODOR: |                      |    |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME          |            | COMMENTS: HAS Picked     |                      |    |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT               |            |                          |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)                    |            |                          |                      |    |                                               |                      |           |                |                            |          |
| SAMPLING DATA                 |            |                          |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE DATE                   |            | WEATHER CONDITIONS:      |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)                    |            | WATER APPEARANCE / ODOR: |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE TIME                   |            | COMMENTS:                |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE LOG                    |            |                          |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE ID                     |            | CONTAINER TYPE           | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                      |           |                |                            |          |
| MKTf-15                       |            | 40 ML VOA                | 6                    |    | HCL                                           |                      |           |                |                            |          |
|                               |            | 40 ML VOA                | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                               |            | 1 LITER AMBER            | 2                    |    | NEAT                                          |                      |           |                |                            |          |
|                               |            | 500 ML AMBER             | 1                    |    | NEAT                                          |                      |           |                |                            |          |
|                               |            | 250 ML PLASTIC           | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                               |            | 125 ML PLASTIC FILTERED  | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                               |            | 500 ML PLASTIC           | 1                    |    | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED              |            |                          |                      |    |                                               |                      |           |                |                            |          |
| OIL / WATER INTERFACE PROBE   |            |                          |                      |    |                                               |                      |           |                |                            |          |
| WATER QUALITY/PARAMETER PROBE |            |                          |                      |    |                                               |                      |           |                |                            |          |

COMPLETED BY:

SIGNATURE:

MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                  |                      |      |                                               |                      |           |                |                            |          |
|----------------------|------------|--------------------------------------------------|----------------------|------|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTf-16              |            | Volumes                                          | TIME                 | pH   | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/2        | Initial                                          | 10:00                | 6.80 | 9.2                                           | 367.5                | 0.792     | 0.40           | 0.15                       | 348.5    |
| GAUGE TIME           |            | 1                                                | 11:20                | 6.83 | 9.0                                           | 373.2                | 0.803     | 0.51           | 0.97                       | 342.3    |
| DHC (FEET)           | —          | 2                                                |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 8.42       | 3                                                |                      |      |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 10.92      | 4                                                |                      |      |                                               |                      |           |                |                            |          |
| DTB - DTW            | 2.50       | 5                                                |                      |      |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                |                      |      |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                                                  |                      |      |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                                                  |                      |      |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    | 1.25       | WEATHER CONDITIONS:<br>Sunny 48°F 16 mph N winds |                      |      |                                               |                      |           |                |                            |          |
| PURGE DATE           | 3/22       | WATER APPEARANCE / ODOR:<br>Clean / No odor      |                      |      |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME | 3:15       | COMMENTS:                                        |                      |      |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      | .56        |                                                  |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | DRY        |                                                  |                      |      |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                                                  |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE DATE          | 3/23       | WEATHER CONDITIONS:<br>Sunny 37°F 14 mph NW      |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 9.50       | WATER APPEARANCE / ODOR:<br>Clean / No odor      |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE TIME          | 11:00      | COMMENTS:<br>FD-3-23-22                          |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                                                  |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE ID<br>MKTf-16 |            | CONTAINER TYPE                                   | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                      |           |                |                            |          |
|                      |            | 40 ML VOA                                        | 6                    |      | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                                        | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER                                    | 2                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                                     | 1                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC                                   | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                          | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC                                   | 1                    |      | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                      |                      |      |                                               |                      |           |                |                            |          |
|                      |            | WATER QUALITY/PARAMETER PROBE                    |                      |      |                                               |                      |           |                |                            |          |

COMPLETED BY:

SIGNATURE:



| WELL ID              |            | TEST PARAMETERS                                               |                      |      |                                               |                      |           |                |                            |          |
|----------------------|------------|---------------------------------------------------------------|----------------------|------|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTf-17R             |            | Volumes                                                       | TIME                 | pH   | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/1        | Initial                                                       | 11:15                | 7.21 | 13.3                                          | 1.89                 | 1788.56   | 0.96           | 1.10                       | -111.5   |
| GAUGE TIME           |            | 1                                                             | 11:18                | 7.26 | 13.5                                          | 1.87                 | 1772.50   | 0.96           | 1.17                       | -107.5   |
| DHC (FEET)           | —          | 2                                                             | 11:24                | 7.28 | 12.9                                          | 1.90                 | 1725.50   | 0.97           | 1.09                       | -106.5   |
| DTW (FEET)           | 12.35      | 3                                                             |                      |      |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 20.50      | 4                                                             |                      |      |                                               |                      |           |                |                            |          |
| DTB - DTW            | 8.15       | 5                                                             |                      |      |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                             |                      |      |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                                                               |                      |      |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                                                               |                      |      |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    | 4          | WEATHER CONDITIONS:<br>Sunny 40°F                             |                      |      |                                               |                      |           |                |                            |          |
| PURGE DATE           | 3/14       | WATER APPEARANCE / ODOR:<br>Brown / HC odor / Sheen in bucket |                      |      |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME | 11:45      | COMMENTS:                                                     |                      |      |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      | 4          |                                                               |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 17.84      |                                                               |                      |      |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                                                               |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE DATE          | 3/15       | WEATHER CONDITIONS:<br>Sunny 47°F                             |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 13.50      | WATER APPEARANCE / ODOR:<br>Brown / HC odor                   |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE TIME          | 10:00      | COMMENTS:                                                     |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                                                               |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                                                | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                      |           |                |                            |          |
| MKTf-17R             |            | 40 ML VOA                                                     | 6                    |      | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                                                     | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER                                                 | 2                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                                                  | 1                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC                                                | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                                       | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC                                                | 1                    |      | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                                   |                      |      |                                               |                      |           |                |                            |          |
|                      |            | WATER QUALITY/PARAMETER PROBE                                 |                      |      |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

| WELL ID              |            | TEST PARAMETERS                                               |                      |      |                                               |                      |           |                |                            |          |
|----------------------|------------|---------------------------------------------------------------|----------------------|------|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTf-18R             |            | Volumes                                                       | TIME                 | pH   | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/1        | Initial                                                       | 11:44                | 7.12 | 13.6                                          | 2.10                 | 1365      | 1.08           | 0.78                       | -71.6    |
| GAUGE TIME           |            | 1                                                             | 11:48                | 7.11 | 13.4                                          | 2.08                 | 1359.50   | 1.08           | 0.75                       | -69.9    |
| DHC (FEET)           | —          | 2                                                             | 11:53                | 7.09 | 13.4                                          | 2.08                 | 1352      | 1.07           | 0.69                       | -72.3    |
| DTW (FEET)           | 10.17      | 3                                                             |                      |      |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 25.50      | 4                                                             |                      |      |                                               |                      |           |                |                            |          |
| DTB - DTW            | 15.33      | 5                                                             |                      |      |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                             |                      |      |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                                                               |                      |      |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                                                               |                      |      |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    | 7.5        | WEATHER CONDITIONS:<br>Sunny / 41°F 12 mph NW                 |                      |      |                                               |                      |           |                |                            |          |
| PURGE DATE           | 3/14       | WATER APPEARANCE / ODOR:<br>Brown / HC odor / Sheen in bucket |                      |      |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME | 11:55      | COMMENTS:                                                     |                      |      |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      | 7.5        |                                                               |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 17.35      |                                                               |                      |      |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                                                               |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE DATE          | 3/15       | WEATHER CONDITIONS:<br>Sunny 47°F                             |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 10.75      | WATER APPEARANCE / ODOR:<br>Brown / HC odor                   |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE TIME          | 10:26      | COMMENTS:                                                     |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                                                               |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                                                | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                      |           |                |                            |          |
| MKTf-18R             |            | 40 ML VOA                                                     | 6                    |      | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                                                     | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER                                                 | 2                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                                                  | 1                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC                                                | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                                       | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC                                                | 1                    |      | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                                   |                      |      |                                               |                      |           |                |                            |          |
|                      |            | WATER QUALITY/PARAMETER PROBE                                 |                      |      |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS               |                      |    |                                               |                      |           |                |                            |          |
|----------------------|------------|-------------------------------|----------------------|----|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTF-19              |            | Volumes                       | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 312        | Initial                       |                      |    |                                               |                      |           |                |                            |          |
| GAUGE TIME           |            | 1                             |                      |    |                                               |                      |           |                |                            |          |
| DHC (FEET)           | 13.00      | 2                             |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 14.10      | 3                             |                      |    |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 19.46      | 4                             |                      |    |                                               |                      |           |                |                            |          |
| DTB - DTW            | 5.36       | 5                             |                      |    |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                             |                      |    |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                               |                      |    |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                               |                      |    |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:           |                      |    |                                               |                      |           |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME |            | COMMENTS:                     |                      |    |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      |            |                               |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |            |                               |                      |    |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                               |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:           |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE TIME          |            | COMMENTS:                     |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                               |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                      |           |                |                            |          |
| MKTF-19              |            | 40 ML VOA                     | 6                    |    | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                     | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER                 | 2                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                  | 1                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC                | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED       | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC                | 1                    |    | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE   |                      |    |                                               |                      |           |                |                            |          |
|                      |            | WATER QUALITY/PARAMETER PROBE |                      |    |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID                       |            | TEST PARAMETERS                         |                      |    |                                               |                      |           |                |                            |          |
|-------------------------------|------------|-----------------------------------------|----------------------|----|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTf-20                       |            | Volumes                                 | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE                    | 3/2        | Initial                                 |                      |    |                                               |                      |           |                |                            |          |
| GAUGE TIME                    |            | 1                                       |                      |    |                                               |                      |           |                |                            |          |
| DHC (FEET)                    | —          | 2                                       |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)                    | 9.42       | 3                                       |                      |    |                                               |                      |           |                |                            |          |
| DTB (FEET)                    | 9.60       | 4                                       |                      |    |                                               |                      |           |                |                            |          |
| DTB - DTW                     | .18        | 5                                       |                      |    |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT          | 0.653 - 4" | 6                                       |                      |    |                                               |                      |           |                |                            |          |
|                               | 0.163 - 2" |                                         |                      |    |                                               |                      |           |                |                            |          |
| PURGING DATA                  |            |                                         |                      |    |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES             |            | WEATHER CONDITIONS:                     |                      |    |                                               |                      |           |                |                            |          |
| PURGE DATE                    |            | WATER APPEARANCE / ODOR:                |                      |    |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME          |            | COMMENTS:<br>Not Enough Fluid to Sample |                      |    |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT               |            |                                         |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)                    |            |                                         |                      |    |                                               |                      |           |                |                            |          |
| SAMPLING DATA                 |            |                                         |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE DATE                   |            | WEATHER CONDITIONS:                     |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)                    |            | WATER APPEARANCE / ODOR:                |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE TIME                   |            | COMMENTS:<br>Not Enough Fluid to Sample |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE LOG                    |            |                                         |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE ID                     |            | CONTAINER TYPE                          | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                      |           |                |                            |          |
| MKTf-20                       |            | 40 ML VOA                               | 6                    |    | HCL                                           |                      |           |                |                            |          |
|                               |            | 40 ML VOA                               | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                               |            | 1 LITER AMBER                           | 2                    |    | NEAT                                          |                      |           |                |                            |          |
|                               |            | 500 ML AMBER                            | 1                    |    | NEAT                                          |                      |           |                |                            |          |
|                               |            | 250 ML PLASTIC                          | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                               |            | 125 ML PLASTIC FILTERED                 | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                               |            | 500 ML PLASTIC                          | 1                    |    | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED              |            |                                         |                      |    |                                               |                      |           |                |                            |          |
| OIL / WATER INTERFACE PROBE   |            |                                         |                      |    |                                               |                      |           |                |                            |          |
| WATER QUALITY/PARAMETER PROBE |            |                                         |                      |    |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                         |                      |    |                                               |                      |           |                |                            |          |
|----------------------|------------|-----------------------------------------|----------------------|----|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTf-21              |            | Volumes                                 | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/2        | Initial                                 |                      |    |                                               |                      |           |                |                            |          |
| GAUGE TIME           |            | 1                                       |                      |    |                                               |                      |           |                |                            |          |
| DHC (FEET)           | —          | 2                                       |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 8.87       | 3                                       |                      |    |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 8.95       | 4                                       |                      |    |                                               |                      |           |                |                            |          |
| DTB - DTW            | .08        | 5                                       |                      |    |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                       |                      |    |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                                         |                      |    |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                                         |                      |    |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:                     |                      |    |                                               |                      |           |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:                |                      |    |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME |            | COMMENTS:<br>Not Enough to Purge        |                      |    |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      |            |                                         |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |            |                                         |                      |    |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                                         |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:                     |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:                |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE TIME          |            | COMMENTS:<br>Not Enough Fluid to Sample |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                                         |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                          | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                      |           |                |                            |          |
| MKTf-21              |            | 40 ML VOA                               | 6                    |    | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                               | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER                           | 2                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                            | 1                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC                          | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                 | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC                          | 1                    |    | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE             |                      |    |                                               |                      |           |                |                            |          |
|                      |            | WATER QUALITY/PARAMETER PROBE           |                      |    |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID                       |            | TEST PARAMETERS          |                      |    |                                               |                      |           |                |                            |          |
|-------------------------------|------------|--------------------------|----------------------|----|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTf-22                       |            | Volumes                  | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE                    | 3/2        | Initial                  |                      |    |                                               |                      |           |                |                            |          |
| GAUGE TIME                    |            | 1                        |                      |    |                                               |                      |           |                |                            |          |
| DHC (FEET)                    | 25.41      | 2                        |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)                    | 27.49      | 3                        |                      |    |                                               |                      |           |                |                            |          |
| DTB (FEET)                    | 35.68      | 4                        |                      |    |                                               |                      |           |                |                            |          |
| DTB - DTW                     | 8.21       | 5                        |                      |    |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT          | 0.653 - 4" | 6                        |                      |    |                                               |                      |           |                |                            |          |
|                               | 0.163 - 2" |                          |                      |    |                                               |                      |           |                |                            |          |
| PURGING DATA                  |            |                          |                      |    |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES             |            | WEATHER CONDITIONS:      |                      |    |                                               |                      |           |                |                            |          |
| PURGE DATE                    |            | WATER APPEARANCE / ODOR: |                      |    |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME          |            | COMMENTS:<br>HMS Product |                      |    |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT               |            |                          |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)                    |            |                          |                      |    |                                               |                      |           |                |                            |          |
| SAMPLING DATA                 |            |                          |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE DATE                   |            | WEATHER CONDITIONS:      |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)                    |            | WATER APPEARANCE / ODOR: |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE TIME                   |            | COMMENTS:                |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE LOG                    |            |                          |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE ID                     |            | CONTAINER TYPE           | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                      |           |                |                            |          |
| MKTf-22                       |            | 40 ML VOA                | 6                    |    | HCL                                           |                      |           |                |                            |          |
|                               |            | 40 ML VOA                | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                               |            | 1 LITER AMBER            | 2                    |    | NEAT                                          |                      |           |                |                            |          |
|                               |            | 500 ML AMBER             | 1                    |    | NEAT                                          |                      |           |                |                            |          |
|                               |            | 250 ML PLASTIC           | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                               |            | 125 ML PLASTIC FILTERED  | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                               |            | 500 ML PLASTIC           | 1                    |    | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED              |            |                          |                      |    |                                               |                      |           |                |                            |          |
| OIL / WATER INTERFACE PROBE   |            |                          |                      |    |                                               |                      |           |                |                            |          |
| WATER QUALITY/PARAMETER PROBE |            |                          |                      |    |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS               |                      |    |                                               |                      |           |                |                            |          |
|----------------------|------------|-------------------------------|----------------------|----|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTf-23              |            | Volumes                       | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/1        | Initial                       |                      |    |                                               |                      |           |                |                            |          |
| GAUGE TIME           |            | 1                             |                      |    |                                               |                      |           |                |                            |          |
| DHC (FEET)           | 14.27      | 2                             |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 14.32      | 3                             |                      |    |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 20.40      | 4                             |                      |    |                                               |                      |           |                |                            |          |
| DTB - DTW            | 6.08       | 5                             |                      |    |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                             |                      |    |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                               |                      |    |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                               |                      |    |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:           |                      |    |                                               |                      |           |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME |            | COMMENTS:<br>HRS Product      |                      |    |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      |            |                               |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |            |                               |                      |    |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                               |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:           |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE TIME          |            | COMMENTS:                     |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                               |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                      |           |                |                            |          |
| MKTf-23              |            | 40 ML VOA                     | 6                    |    | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                     | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER                 | 2                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                  | 1                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC                | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED       | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC                | 1                    |    | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE   |                      |    |                                               |                      |           |                |                            |          |
|                      |            | WATER QUALITY/PARAMETER PROBE |                      |    |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

| WELL ID              |            | TEST PARAMETERS                                 |                      |      |                                               |                      |           |                |                            |          |
|----------------------|------------|-------------------------------------------------|----------------------|------|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTf-24              |            | Volumes                                         | TIME                 | pH   | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/2        | Initial                                         | 10:14                | 6.98 | 15.9                                          | 4.58                 | 2977      | 2.46           | 1.61                       | 33.3     |
| GAUGE TIME           |            | 1                                               | 10:25                | 6.96 | 16.6                                          | 4.60                 | 2981.50   | 2.44           | 1.00                       | 32.4     |
| DHC (FEET)           | —          | 2                                               |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 23.60      | 3                                               |                      |      |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 31.46      | 4                                               |                      |      |                                               |                      |           |                |                            |          |
| DTB - DTW            | 7.8        | 5                                               |                      |      |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                               |                      |      |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                                                 |                      |      |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                                                 |                      |      |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    | 4          | WEATHER CONDITIONS:<br>Sunny 57°F               |                      |      |                                               |                      |           |                |                            |          |
| PURGE DATE           | 3/15       | WATER APPEARANCE / ODOR:<br>Brown / HC odor     |                      |      |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME | 3:15       | COMMENTS:<br>Purged Dry                         |                      |      |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      | 3.5        |                                                 |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | DRY        |                                                 |                      |      |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                                                 |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE DATE          | 3/16       | WEATHER CONDITIONS:<br>Sunny 45°F Smph winds SW |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 22.39      | WATER APPEARANCE / ODOR:<br>Brown / HC odor     |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE TIME          | 10:15      | COMMENTS:                                       |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                                                 |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                                  | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                      |           |                |                            |          |
| MKTf-24              |            | 40 ML VOA                                       | 6                    |      | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                                       | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER                                   | 2                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                                    | 1                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC                                  | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                         | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC                                  | 1                    |      | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                     |                      |      |                                               |                      |           |                |                            |          |
|                      |            | WATER QUALITY/PARAMETER PROBE                   |                      |      |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

| WELL ID              |            | TEST PARAMETERS                                 |                      |      |                                               |                      |           |                |                            |          |
|----------------------|------------|-------------------------------------------------|----------------------|------|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTf-25              |            | Volumes                                         | TIME                 | pH   | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/2        | Initial                                         | 9:49                 | 7.04 | 16.7                                          | 4.23                 | 274950    | 2.26           | 1.44                       | 206.2    |
| GAUGE TIME           |            | 1                                               | 10:05                | 7.00 | 16.6                                          | 4.31                 | 280150    | 2.30           | 1.20                       | 147.2    |
| DHC (FEET)           | —          | 2                                               |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 13.70      | 3                                               |                      |      |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 20.08      | 4                                               |                      |      |                                               |                      |           |                |                            |          |
| DTB - DTW            | 6.38       | 5                                               |                      |      |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                               |                      |      |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                                                 |                      |      |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                                                 |                      |      |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    | 3          | WEATHER CONDITIONS:<br>Sunny 58°F               |                      |      |                                               |                      |           |                |                            |          |
| PURGE DATE           | 3/15       | WATER APPEARANCE / ODOR:<br>Brown / No odor     |                      |      |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME | 3:00       | COMMENTS:<br>Purged Dry                         |                      |      |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      | 1.75       |                                                 |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | DRY        |                                                 |                      |      |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                                                 |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE DATE          | 3/16       | WEATHER CONDITIONS:<br>Cloudy 45°F 4 mph S wind |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 12.50      | WATER APPEARANCE / ODOR:<br>Brown / No odor     |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE TIME          | 9:50       | COMMENTS:                                       |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                                                 |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE ID<br>MKTf-25 |            | CONTAINER TYPE                                  | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                      |           |                |                            |          |
|                      |            | 40 ML VOA                                       | 6                    |      | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                                       | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER                                   | 2                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                                    | 1                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC                                  | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                         | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC                                  | 1                    |      | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                     |                      |      |                                               |                      |           |                |                            |          |
|                      |            | WATER QUALITY/PARAMETER PROBE                   |                      |      |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS               |                      |    |                                               |                      |           |                |                            |          |
|----------------------|------------|-------------------------------|----------------------|----|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTf-26              |            | Volumes                       | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/2/22     | Initial                       |                      |    |                                               |                      |           |                |                            |          |
| GAUGE TIME           |            | 1                             |                      |    |                                               |                      |           |                |                            |          |
| DHC (FEET)           | 8.85       | 2                             |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 8.98       | 3                             |                      |    |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 16.96      | 4                             |                      |    |                                               |                      |           |                |                            |          |
| DTB - DTW            | 7.92       | 5                             |                      |    |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                             |                      |    |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                               |                      |    |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                               |                      |    |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:           |                      |    |                                               |                      |           |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME |            | COMMENTS:                     |                      |    |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      |            |                               |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |            |                               |                      |    |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                               |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:           |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE TIME          |            | COMMENTS:                     |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                               |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                      |           |                |                            |          |
| MKTf-26              |            | 40 ML VOA                     | 6                    |    | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                     | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER                 | 2                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                  | 1                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC                | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED       | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC                | 1                    |    | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE   |                      |    |                                               |                      |           |                |                            |          |
|                      |            | WATER QUALITY/PARAMETER PROBE |                      |    |                                               |                      |           |                |                            |          |

COMPLETED BY:

SIGNATURE:

MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID           |            | TEST PARAMETERS |      |      |                          |                   |           |                |                         |          |
|-------------------|------------|-----------------|------|------|--------------------------|-------------------|-----------|----------------|-------------------------|----------|
| MKTF-27           |            | Volumes         | TIME | pH   | Temperature Degrees (°C) | Conductivity (mS) | TDS (g/L) | Salinity (ppt) | Dissolved Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE        | 3/11       | Initial         | 2:25 | 6.77 | 10.6                     | 16.90             | 10985.00  | 9.95           | 0.67                    | 255.2    |
| GAUGE TIME        |            | 1               | 2:29 | 6.80 | 9.8                      | 16.84             | 10952.50  | 9.91           | 0.58                    | 223.7    |
| DHC (FEET)        | —          | 2               | 2:33 | 6.81 | 9.9                      | 16.64             | 10969.50  | 9.78           | 0.65                    | 229.0    |
| DTW (FEET)        | 6.58       | 3               |      |      |                          |                   |           |                |                         |          |
| DTB (FEET)        | 14.75      | 4               |      |      |                          |                   |           |                |                         |          |
| DTB - DTW         | 8.17       | 5               |      |      |                          |                   |           |                |                         |          |
| CAPACITY PER FOOT | 0.653 - 4" | 6               |      |      |                          |                   |           |                |                         |          |
|                   | 0.163 - 2" |                 |      |      |                          |                   |           |                |                         |          |

PURGING DATA

|                            |       |                          |
|----------------------------|-------|--------------------------|
| 3 WELL VOLUMES             | 4     | WEATHER CONDITIONS:      |
| PURGE DATE                 | 3/16  | WATER APPEARANCE / ODOR: |
| END OF PURGE TIME          | 2:35  | COMMENTS:                |
| PURGE AMOUNT               | 4     |                          |
| DTW (FEET)                 | 12.61 |                          |
| Sunny 590P 18 mph SW winds |       |                          |
| Yellow / HC odor           |       |                          |

SAMPLING DATA

|                           |      |                          |
|---------------------------|------|--------------------------|
| SAMPLE DATE               | 3/17 | WEATHER CONDITIONS:      |
| DTW (FEET)                |      | WATER APPEARANCE / ODOR: |
| SAMPLE TIME               | 9:05 | COMMENTS:                |
| Cloudy 340P               |      |                          |
| Yellow / HC odor          |      |                          |
| Dup collected Dup 3-17-22 |      |                          |

SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
| MKTF-27   | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

|                  |                               |
|------------------|-------------------------------|
| INSTRUMENTS USED | OIL / WATER INTERFACE PROBE   |
|                  | WATER QUALITY/PARAMETER PROBE |

COMPLETED BY:

SIGNATURE:



## MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                   |                      |      |                                               |                      |           |                |                            |          |
|----------------------|------------|---------------------------------------------------|----------------------|------|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTF-28              |            | Volumes                                           | TIME                 | pH   | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mV) |
| GAUGE DATE           | 3/1        | Initial                                           | 2:35                 | 7.30 | 12.2                                          | 3.97                 | 2574      | 2.11           | 0.63                       | 285.8    |
| GAUGE TIME           |            | 1                                                 | 2:39                 | 7.26 | 11.8                                          | 3.97                 | 2880.58   | 2.11           | 0.60                       | 281.58   |
| DHC (FEET)           | —          | 2                                                 | 2:43                 | 7.36 | 11.6                                          | 3.97                 | 2580.58   | 2.11           | 0.57                       | 277.5    |
| DTW (FEET)           | 7.53       | 3                                                 |                      |      |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 16.17      | 4                                                 |                      |      |                                               |                      |           |                |                            |          |
| DTB - DTW            | 8.64       | 5                                                 |                      |      |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                 |                      |      |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                                                   |                      |      |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                                                   |                      |      |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    | 4          | WEATHER CONDITIONS:<br>Sunny 59°F 18 mph SW winds |                      |      |                                               |                      |           |                |                            |          |
| PURGE DATE           | 3/16       | WATER APPEARANCE / ODOR:<br>Clear / No odor       |                      |      |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME | 2:45       | COMMENTS:                                         |                      |      |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      | 4          |                                                   |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 12.50      |                                                   |                      |      |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                                                   |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE DATE          | 3/17       | WEATHER CONDITIONS:<br>Sunny 34°F 13 NW winds     |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 15.38      | WATER APPEARANCE / ODOR:<br>Clear No odor         |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE TIME          | 9:35       | COMMENTS:                                         |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                                                   |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                                    | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                      |           |                |                            |          |
| MKTF-28              |            | 40 ML VOA                                         | 6                    |      | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                                         | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER                                     | 2                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                                      | 1                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC                                    | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                           | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC                                    | 1                    |      | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                       |                      |      |                                               |                      |           |                |                            |          |
|                      |            | WATER QUALITY/PARAMETER PROBE                     |                      |      |                                               |                      |           |                |                            |          |

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SIGNATURE: \_\_\_\_\_



MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                              |                      |      |                                               |                      |           |                |                            |          |
|----------------------|------------|--------------------------------------------------------------|----------------------|------|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTf-29              |            | Volumes                                                      | TIME                 | pH   | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/1        | Initial                                                      | 3:20                 | 6.88 | 11.9                                          | 6.63                 | 4309.50   | 3.65           | 0.65                       | 287.1    |
| GAUGE TIME           |            | 1                                                            | 3:24                 | 6.87 | 10.0                                          | 6.62                 | 4703      | 3.64           | 0.61                       | 276.0    |
| DHC (FEET)           | —          | 2                                                            | 3:28                 | 6.90 | 10.9                                          | 6.58                 | 4277      | 3.62           | 0.47                       | 280.0    |
| DTW (FEET)           | 6.42       | 3                                                            |                      |      |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 22.84      | 4                                                            |                      |      |                                               |                      |           |                |                            |          |
| DTB - DTW            | 16.42      | 5                                                            |                      |      |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                            |                      |      |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                                                              |                      |      |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                                                              |                      |      |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    | 8          | WEATHER CONDITIONS:<br>Sunny 51°/61° 19 mph SW               |                      |      |                                               |                      |           |                |                            |          |
| PURGE DATE           | 3/16       | WATER APPEARANCE / ODOR:<br>Clear no odor                    |                      |      |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME | 3:30       | COMMENTS:                                                    |                      |      |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      | 8          |                                                              |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 6.71       |                                                              |                      |      |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                                                              |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE DATE          | 3/17       | WEATHER CONDITIONS:<br>Sunny 36° 16 mph NW                   |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 6.16       | WATER APPEARANCE / ODOR:<br>Clear no odor                    |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE TIME          | 10:06      | COMMENTS:                                                    |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                                                              |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                                               | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                      |           |                |                            |          |
| MKTf-29              |            | 40 ML VOA                                                    | 6                    |      | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                                                    | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER                                                | 2                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                                                 | 1                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC                                               | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                                      | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC                                               | 1                    |      | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE<br>WATER QUALITY/PARAMETER PROBE |                      |      |                                               |                      |           |                |                            |          |

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SIGNATURE:

## MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |       |      |                          |                      |           |                |                            |          |
|----------------------|------------|-----------------|-------|------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| OW-29                |            | Volumes         | TIME  | pH   | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/1/22     | Initial         | 10:15 | 7.17 | 11.0                     | 233                  | 1460      | 1.15           | 1.25                       | 88.3     |
| GAUGE TIME           |            | 1               | 10:25 | 7.19 | 11.3                     | 224                  | 1460.50   | 1.10           | 1.70                       | 89.5     |
| DHC (FEET)           | NA         | 2               |       |      |                          |                      |           |                |                            |          |
| DTW (FEET)           | 17.45      | 3               |       |      |                          |                      |           |                |                            |          |
| DTB (FEET)           | 51.46      | 4               |       |      |                          |                      |           |                |                            |          |
| DTB - DTW            | 34.01      | 5               |       |      |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6               |       |      |                          |                      |           |                |                            |          |
|                      | 0.163 - 2" |                 |       |      |                          |                      |           |                |                            |          |

## PURGING DATA

|                      |        |                          |                            |
|----------------------|--------|--------------------------|----------------------------|
| 3 WELL<br>VOLUMES    | 66.50  | WEATHER CONDITIONS:      | Cloudy 38°F Snow 12 mph NE |
| PURGE DATE           | 3-7-22 | WATER APPEARANCE / ODOR: | Clear / NO odor            |
| END OF PURGE<br>TIME | 2:15   | COMMENTS:                | Purged Dry                 |
| PURGE<br>VOLUME      | 34.50  |                          |                            |
| DTW (FEET)           | Dry    |                          |                            |

## SAMPLING DATA

|             |        |                          |                 |
|-------------|--------|--------------------------|-----------------|
| SAMPLE DATE | 3-8-22 | WEATHER CONDITIONS:      | Sunny 36°F      |
| DTW (FEET)  | 22.32  | WATER APPEARANCE / ODOR: | Clear / NO odor |
| SAMPLE TIME | 10:15  | COMMENTS:                |                 |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
| OW-29     | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED      WATER LEVEL PROBE  
                                          WATER QUALITY METER

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                              |                      |      |                                               |                      |           |                |                            |          |
|----------------------|------------|--------------------------------------------------------------|----------------------|------|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTf-30              |            | Volumes                                                      | TIME                 | pH   | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/1        | Initial                                                      | 10:14                | 7.34 | 8.5                                           | 4.26                 | 276.66    | 2.77           | 6.84                       | 268.0    |
| GAUGE TIME           |            | 1                                                            | 10:29                | 7.34 | 9.1                                           | 4.20                 | 2755.80   | 2.30           | 0.88                       | 268.2    |
| DHC (FEET)           | —          | 2                                                            |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 17.17      | 3                                                            |                      |      |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 22.95      | 4                                                            |                      |      |                                               |                      |           |                |                            |          |
| DTB - DTW            | 5.82       | 5                                                            |                      |      |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                            |                      |      |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                                                              |                      |      |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                                                              |                      |      |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    | 3          | WEATHER CONDITIONS: Sunny 61°F 19 mph SW wind                |                      |      |                                               |                      |           |                |                            |          |
| PURGE DATE           | 3/16       | WATER APPEARANCE / ODOR: Clear / No odor                     |                      |      |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME | 3:50       | COMMENTS: Purged Dry                                         |                      |      |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      | 1.5        |                                                              |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | DRY        |                                                              |                      |      |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                                                              |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE DATE          | 3/17       | WEATHER CONDITIONS: Sunny 76°F 16 mph NW wind                |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 17.03      | WATER APPEARANCE / ODOR: Clear / No odor                     |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE TIME          | 10:15      | COMMENTS:                                                    |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                                                              |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                                               | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                      |           |                |                            |          |
| MKTf-30              |            | 40 ML VOA                                                    | 6                    |      | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                                                    | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER                                                | 2                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                                                 | 1                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC                                               | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                                      | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC                                               | 1                    |      | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE<br>WATER QUALITY/PARAMETER PROBE |                      |      |                                               |                      |           |                |                            |          |

COMPLETED BY:

SIGNATURE:

MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                              |                      |      |                             |                      |                                               |                |                            |          |
|----------------------|------------|--------------------------------------------------------------|----------------------|------|-----------------------------|----------------------|-----------------------------------------------|----------------|----------------------------|----------|
| MKTf-31              |            | Volumes                                                      | TIME                 | pH   | Temperature<br>Degrees (°C) | Conductivity<br>(mS) | TDS (g/L)                                     | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/2        | Initial                                                      | 2:35                 | 7.22 | 10.4                        | 2.53                 | 1644.50                                       | 1.31           | 2.90                       | 175.1    |
| GAUGE TIME           |            | 1                                                            | 2:38                 | 7.23 | 9.2                         | 2.49                 | 1641.50                                       | 1.30           | 2.92                       | 174.5    |
| DHC (FEET)           | —          | 2                                                            | 2:44                 | 7.24 | 9.8                         | 2.49                 | 1640.50                                       | 1.29           | 3.04                       | 170.5    |
| DTW (FEET)           | 9.30       | 3                                                            |                      |      |                             |                      |                                               |                |                            |          |
| DTB (FEET)           | 19.35      | 4                                                            |                      |      |                             |                      |                                               |                |                            |          |
| DTB - DTW            | 10.05      | 5                                                            |                      |      |                             |                      |                                               |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                            |                      |      |                             |                      |                                               |                |                            |          |
|                      | 0.163 - 2" |                                                              |                      |      |                             |                      |                                               |                |                            |          |
| PURGING DATA         |            |                                                              |                      |      |                             |                      |                                               |                |                            |          |
| 3 WELL<br>VOLUMES    | 5          | WEATHER CONDITIONS:<br>Sunny 58°F                            |                      |      |                             |                      |                                               |                |                            |          |
| PURGE DATE           | 3/15       | WATER APPEARANCE / ODOR:<br>Clear / No odor                  |                      |      |                             |                      |                                               |                |                            |          |
| END OF PURGE<br>TIME | 2:45       | COMMENTS:                                                    |                      |      |                             |                      |                                               |                |                            |          |
| PURGE<br>AMOUNT      | 5          |                                                              |                      |      |                             |                      |                                               |                |                            |          |
| DTW (FEET)           | 11.48      |                                                              |                      |      |                             |                      |                                               |                |                            |          |
| SAMPLING DATA        |            |                                                              |                      |      |                             |                      |                                               |                |                            |          |
| SAMPLE DATE          | 3/16       | WEATHER CONDITIONS:<br>Sunny 44°F 3 mph 5 in clouds          |                      |      |                             |                      |                                               |                |                            |          |
| DTW (FEET)           | 9.58       | WATER APPEARANCE / ODOR:<br>Clear no odor                    |                      |      |                             |                      |                                               |                |                            |          |
| SAMPLE TIME          | 9:10       | COMMENTS:<br>Dup collected on Dup 3-16-22                    |                      |      |                             |                      |                                               |                |                            |          |
| SAMPLE LOG           |            |                                                              |                      |      |                             |                      |                                               |                |                            |          |
| SAMPLE ID<br>MKTf-31 |            | CONTAINER TYPE                                               | NUMBER OF CONTAINERS |      |                             |                      | PRESERVATIVE                                  |                |                            |          |
|                      |            | 40 ML VOA                                                    | 6                    |      |                             |                      | HCL                                           |                |                            |          |
|                      |            | 40 ML VOA                                                    | 2                    |      |                             |                      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                |                            |          |
|                      |            | 1 LITER AMBER                                                | 2                    |      |                             |                      | NEAT                                          |                |                            |          |
|                      |            | 500 ML AMBER                                                 | 1                    |      |                             |                      | NEAT                                          |                |                            |          |
|                      |            | 250 ML PLASTIC                                               | 1                    |      |                             |                      | HNO <sub>3</sub>                              |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                                      | 1                    |      |                             |                      | HNO <sub>3</sub>                              |                |                            |          |
|                      |            | 500 ML PLASTIC                                               | 1                    |      |                             |                      | NaOH                                          |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE<br>WATER QUALITY/PARAMETER PROBE |                      |      |                             |                      |                                               |                |                            |          |

COMPLETED BY:

SIGNATURE:

MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                   |                      |      |                                               |                      |           |                |                            |          |
|----------------------|------------|---------------------------------------------------|----------------------|------|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTf-32              |            | Volumes                                           | TIME                 | pH   | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/1        | Initial                                           | 3:05                 | 7.77 | 12.6                                          | 2.43                 | 1579.50   | 1.76           | 1.00                       | 227.6    |
| GAUGE TIME           |            | 1                                                 | 3:09                 | 7.76 | 12.5                                          | 2.44                 | 1580.02   | 1.30           | 1.02                       | 227.8    |
| DHC (FEET)           | NA         | 2                                                 | 3:13                 | 7.76 | 12.5                                          | 2.44                 | 1581.50   | 1.28           | 1.02                       | 227.8    |
| DTW (FEET)           | 14.42      | 3                                                 |                      |      |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 27.78      | 4                                                 |                      |      |                                               |                      |           |                |                            |          |
| DTB - DTW            | 13.36      | 5                                                 |                      |      |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                 |                      |      |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                                                   |                      |      |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                                                   |                      |      |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    | 6.5        | WEATHER CONDITIONS:<br>Sunny 41°F                 |                      |      |                                               |                      |           |                |                            |          |
| PURGE DATE           | 3-8-22     | WATER APPEARANCE / ODOR:<br>Clear No odor         |                      |      |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME | 9:15       | COMMENTS:                                         |                      |      |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      | 6.5        |                                                   |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 24.90      |                                                   |                      |      |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                                                   |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE DATE          | 3-9-22     | WEATHER CONDITIONS:<br>Sunny 30°F Strong Winds SE |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 16.50      | WATER APPEARANCE / ODOR:<br>Clear No odor         |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE TIME          | 10:00      | COMMENTS:                                         |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                                                   |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                                    | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                      |           |                |                            |          |
| MKTf-32              |            | 40 ML VOA                                         | 6                    |      | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                                         | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER                                     | 2                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                                      | 1                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC                                    | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                           | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC                                    | 1                    |      | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                       |                      |      |                                               |                      |           |                |                            |          |
|                      |            | WATER QUALITY/PARAMETER PROBE                     |                      |      |                                               |                      |           |                |                            |          |

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## MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS               |                      |    |                                               |                      |           |                |                            |          |
|----------------------|------------|-------------------------------|----------------------|----|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTF-33              |            | Volumes                       | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 311        | Initial                       |                      |    |                                               |                      |           |                |                            |          |
| GAUGE TIME           |            | 1                             |                      |    |                                               |                      |           |                |                            |          |
| DHC (FEET)           | 23.25      | 2                             |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 23.29      | 3                             |                      |    |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 33.16      | 4                             |                      |    |                                               |                      |           |                |                            |          |
| DTB - DTW            | 10.01      | 5                             |                      |    |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                             |                      |    |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                               |                      |    |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                               |                      |    |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:           |                      |    |                                               |                      |           |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME |            | COMMENTS: HAS Product         |                      |    |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      |            |                               |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |            |                               |                      |    |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                               |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:           |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE TIME          |            | COMMENTS:                     |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                               |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                      |           |                |                            |          |
| MKTF-33              |            | 40 ML VOA                     | 6                    |    | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                     | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER                 | 2                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                  | 1                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC                | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED       | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC                | 1                    |    | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE   |                      |    |                                               |                      |           |                |                            |          |
|                      |            | WATER QUALITY/PARAMETER PROBE |                      |    |                                               |                      |           |                |                            |          |

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SIGNATURE: \_\_\_\_\_



MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID           |            | TEST PARAMETERS                                              |                      |      |                                               |                   |           |                |                         |          |
|-------------------|------------|--------------------------------------------------------------|----------------------|------|-----------------------------------------------|-------------------|-----------|----------------|-------------------------|----------|
| MKTf-34           |            | Volumes                                                      | TIME                 | pH   | Temperature Degrees (°C)                      | Conductivity (mS) | TDS (g/L) | Salinity (ppt) | Dissolved Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE        | 3/1        | Initial                                                      | 3:30                 | 7.17 | 13.3                                          | 1.73              | 1124.50   | 0.88           | 1.10                    | -63.9    |
| GAUGE TIME        |            | 1                                                            | 3:34                 | 7.19 | 13.2                                          | 1.73              | 1126.50   | 0.88           | 1.09                    | -63.8    |
| DHC (FEET)        | NA         | 2                                                            | 3:38                 | 7.19 | 13.2                                          | 1.75              | 1126.00   | 0.88           | 1.09                    | -64.0    |
| DTW (FEET)        | 18.69      | 3                                                            |                      |      |                                               |                   |           |                |                         |          |
| DTB (FEET)        | 27.72      | 4                                                            |                      |      |                                               |                   |           |                |                         |          |
| DTB - DTW         | 9.03       | 5                                                            |                      |      |                                               |                   |           |                |                         |          |
| CAPACITY PER FOOT | 0.653 - 4" | 6                                                            |                      |      |                                               |                   |           |                |                         |          |
|                   | 0.163 - 2" |                                                              |                      |      |                                               |                   |           |                |                         |          |
| PURGING DATA      |            |                                                              |                      |      |                                               |                   |           |                |                         |          |
| 3 WELL VOLUMES    | 4.5        | WEATHER CONDITIONS:<br>Sunny 41°F                            |                      |      |                                               |                   |           |                |                         |          |
| PURGE DATE        | 3-8-22     | WATER APPEARANCE / ODOR:<br>Cloudy / No odor                 |                      |      |                                               |                   |           |                |                         |          |
| END OF PURGE TIME | 3:45       | COMMENTS:                                                    |                      |      |                                               |                   |           |                |                         |          |
| PURGE AMOUNT      | 4.5        |                                                              |                      |      |                                               |                   |           |                |                         |          |
| DTW (FEET)        | 26.82      |                                                              |                      |      |                                               |                   |           |                |                         |          |
| SAMPLING DATA     |            |                                                              |                      |      |                                               |                   |           |                |                         |          |
| SAMPLE DATE       | 3-9-22     | WEATHER CONDITIONS:<br>Sunny 30°F 9mph winds SB              |                      |      |                                               |                   |           |                |                         |          |
| DTW (FEET)        | 20.60      | WATER APPEARANCE / ODOR:<br>Clear No odor                    |                      |      |                                               |                   |           |                |                         |          |
| SAMPLE TIME       | 10:20      | COMMENTS:                                                    |                      |      |                                               |                   |           |                |                         |          |
| SAMPLE LOG        |            |                                                              |                      |      |                                               |                   |           |                |                         |          |
| SAMPLE ID         |            | CONTAINER TYPE                                               | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                   |           |                |                         |          |
| MKTf-34           |            | 40 ML VOA                                                    | 6                    |      | HCL                                           |                   |           |                |                         |          |
|                   |            | 40 ML VOA                                                    | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                   |           |                |                         |          |
|                   |            | 1 LITER AMBER                                                | 2                    |      | NEAT                                          |                   |           |                |                         |          |
|                   |            | 500 ML AMBER                                                 | 1                    |      | NEAT                                          |                   |           |                |                         |          |
|                   |            | 250 ML PLASTIC                                               | 1                    |      | HNO <sub>3</sub>                              |                   |           |                |                         |          |
|                   |            | 125 ML PLASTIC FILTERED                                      | 1                    |      | HNO <sub>3</sub>                              |                   |           |                |                         |          |
|                   |            | 500 ML PLASTIC                                               | 1                    |      | NaOH                                          |                   |           |                |                         |          |
| INSTRUMENTS USED  |            | OIL / WATER INTERFACE PROBE<br>WATER QUALITY/PARAMETER PROBE |                      |      |                                               |                   |           |                |                         |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                    |                      |      |                                               |                      |           |                |                            |          |
|----------------------|------------|----------------------------------------------------|----------------------|------|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTf-35              |            | Volumes                                            | TIME                 | pH   | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/1        | Initial                                            | 9:05                 | 6.94 | 10.6                                          | 2.34                 | 154.00    | 1.21           | 0.59                       | 44.9     |
| GAUGE TIME           |            | 1                                                  | 9:15                 | 7.00 | 10.9                                          | 2.36                 | 153.40    | 1.22           | 0.62                       | -63.3    |
| DHC (FEET)           | NA         | 2                                                  |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 10.10      | 3                                                  |                      |      |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 16.48      | 4                                                  |                      |      |                                               |                      |           |                |                            |          |
| DTB - DTW            | 6.38       | 5                                                  |                      |      |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                  |                      |      |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                                                    |                      |      |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                                                    |                      |      |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    | 3.00       | WEATHER CONDITIONS:<br>Cloudy 47°F 15 mph winds SE |                      |      |                                               |                      |           |                |                            |          |
| PURGE DATE           | 3-9-22     | WATER APPEARANCE / ODOR:<br>Brown / HC odor        |                      |      |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME | 3:20       | COMMENTS:                                          |                      |      |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      | 2.00       |                                                    |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | DTW        |                                                    |                      |      |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                                                    |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE DATE          | 3-10-22    | WEATHER CONDITIONS:<br>Cloudy 31°F                 |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 10.32      | WATER APPEARANCE / ODOR:<br>Gray / HC odor         |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE TIME          | 9:00       | COMMENTS:                                          |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                                                    |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                                     | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                      |           |                |                            |          |
| MKTf-35              |            | 40 ML VOA                                          | 6                    |      | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                                          | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER                                      | 2                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                                       | 1                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC                                     | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                            | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC                                     | 1                    |      | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                        |                      |      |                                               |                      |           |                |                            |          |
|                      |            | WATER QUALITY/PARAMETER PROBE                      |                      |      |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                 |                      |    |                                               |                      |           |                |                            |          |
|----------------------|------------|---------------------------------|----------------------|----|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTf-36              |            | Volumes                         | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 312        | Initial                         |                      |    |                                               |                      |           |                |                            |          |
| GAUGE TIME           |            | 1                               |                      |    |                                               |                      |           |                |                            |          |
| DHC (FEET)           | 8.37       | 2                               |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 8.55       | 3                               |                      |    |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 15.58      | 4                               |                      |    |                                               |                      |           |                |                            |          |
| DTB - DTW            | 7.03       | 5                               |                      |    |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                               |                      |    |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                                 |                      |    |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                                 |                      |    |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:             |                      |    |                                               |                      |           |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:        |                      |    |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME |            | COMMENTS:<br><i>HVS Product</i> |                      |    |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      |            |                                 |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |            |                                 |                      |    |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                                 |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:             |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:        |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE TIME          |            | COMMENTS:                       |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                                 |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                  | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                      |           |                |                            |          |
| MKTf-36              |            | 40 ML VOA                       | 6                    |    | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                       | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER                   | 2                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                    | 1                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC                  | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED         | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC                  | 1                    |    | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE     |                      |    |                                               |                      |           |                |                            |          |
|                      |            | WATER QUALITY/PARAMETER PROBE   |                      |    |                                               |                      |           |                |                            |          |

COMPLETED BY:

SIGNATURE:

## MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS               |                      |    |                                               |                      |           |                |                            |          |
|----------------------|------------|-------------------------------|----------------------|----|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTf-37              |            | Volumes                       | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 311        | Initial                       |                      |    |                                               |                      |           |                |                            |          |
| GAUGE TIME           |            | 1                             |                      |    |                                               |                      |           |                |                            |          |
| DHC (FEET)           | 10.32      | 2                             |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 10.39      | 3                             |                      |    |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 24.69      | 4                             |                      |    |                                               |                      |           |                |                            |          |
| DTB - DTW            | 14.30      | 5                             |                      |    |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                             |                      |    |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                               |                      |    |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                               |                      |    |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:           |                      |    |                                               |                      |           |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME |            | COMMENTS:                     |                      |    |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      |            |                               |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |            |                               |                      |    |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                               |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:           |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE TIME          |            | COMMENTS:                     |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                               |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                      |           |                |                            |          |
| MKTf-37              |            | 40 ML VOA                     | 6                    |    | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                     | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER                 | 2                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                  | 1                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC                | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED       | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC                | 1                    |    | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE   |                      |    |                                               |                      |           |                |                            |          |
|                      |            | WATER QUALITY/PARAMETER PROBE |                      |    |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |       |      |                             |                      |           |                |                            |          |
|----------------------|------------|-----------------|-------|------|-----------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTF-38              |            | Volumes         | TIME  | pH   | Temperature<br>Degrees (°C) | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/1        | Initial         | 10:45 | 7.48 | 13.3                        | 1.96                 | 1235.00   | 6.97           | 2.37                       | 55.9     |
| GAUGE TIME           |            | 1               | 11:06 | 7.49 | 13.4                        | 1.88                 | 1237.50   | 1.01           | 2.40                       | 59.7     |
| DHC (FEET)           | —          | 2               |       |      |                             |                      |           |                |                            |          |
| DTW (FEET)           | 10.66      | 3               |       |      |                             |                      |           |                |                            |          |
| DTB (FEET)           | 20.28      | 4               |       |      |                             |                      |           |                |                            |          |
| DTB - DTW            |            | 5               |       |      |                             |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6               |       |      |                             |                      |           |                |                            |          |
|                      | 0.163 - 2" |                 |       |      |                             |                      |           |                |                            |          |

PURGING DATA

|                      |       |                                                                            |
|----------------------|-------|----------------------------------------------------------------------------|
| 3 WELL<br>VOLUMES    | 4.75  | WEATHER CONDITIONS:<br>Sunny 46°F 11 mph N                                 |
| PURGE DATE           | 3/14  | WATER APPEARANCE / ODOR:<br>Gray / Rotten Egg Smell / White bugs in bucket |
| END OF PURGE<br>TIME | 12:55 | COMMENTS:<br>Purged Dry                                                    |
| PURGE<br>AMOUNT      | 1.56  |                                                                            |
| DTW (FEET)           | DRY   |                                                                            |

SAMPLING DATA

|             |       |                                                                  |
|-------------|-------|------------------------------------------------------------------|
| SAMPLE DATE | 3/15  | WEATHER CONDITIONS:<br>Sunny 48°F                                |
| DTW (FEET)  | 10.71 | WATER APPEARANCE / ODOR:<br>Gray / Rotten Egg Smell / White bugs |
| SAMPLE TIME | 10:45 | COMMENTS:                                                        |

SAMPLE LOG

| SAMPLE ID<br>MKTF-38 | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|----------------------|-------------------------|----------------------|-----------------------------------------------|
|                      | 40 ML VOA               | 6                    | HCL                                           |
|                      | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|                      | 1 LITER AMBER           | 2                    | NEAT                                          |
|                      | 500 ML AMBER            | 1                    | NEAT                                          |
|                      | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|                      | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|                      | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED OIL / WATER INTERFACE PROBE  
WATER QUALITY/PARAMETER PROBE

COMPLETED BY:

SIGNATURE:



## MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS               |                      |    |                                               |                      |           |                |                            |          |
|----------------------|------------|-------------------------------|----------------------|----|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTf-39              |            | Volumes                       | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mV) |
| GAUGE DATE           | 311        | Initial                       |                      |    |                                               |                      |           |                |                            |          |
| GAUGE TIME           |            | 1                             |                      |    |                                               |                      |           |                |                            |          |
| DHC (FEET)           | 9.68       | 2                             |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 10.08      | 3                             |                      |    |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 15.20      | 4                             |                      |    |                                               |                      |           |                |                            |          |
| DTB - DTW            | 5.98       | 5                             |                      |    |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                             |                      |    |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                               |                      |    |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                               |                      |    |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:           |                      |    |                                               |                      |           |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME |            | COMMENTS:                     |                      |    |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      |            | HAS Product                   |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |            |                               |                      |    |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                               |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:           |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE TIME          |            | COMMENTS:                     |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                               |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                      |           |                |                            |          |
| MKTf-39              |            | 40 ML VOA                     | 6                    |    | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                     | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER                 | 2                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                  | 1                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC                | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED       | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC                | 1                    |    | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE   |                      |    |                                               |                      |           |                |                            |          |
|                      |            | WATER QUALITY/PARAMETER PROBE |                      |    |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



## MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                              |                      |      |                                               |                      |           |                |                            |          |
|----------------------|------------|----------------------------------------------|----------------------|------|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTf-40              |            | Volumes                                      | TIME                 | pH   | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/1        | Initial                                      | 2:18                 | 6.99 | 14.3                                          | 12.16                | 7904      | 6.99           | 3.20                       | 127.1    |
| GAUGE TIME           | -          | 1                                            | 2:18                 | 7.03 | 13.3                                          | 12.06                | 7839      | 6.93           | 3.14                       | 124.2    |
| DHC (FEET)           | -          | 2                                            | 2:24                 | 7.04 | 13.3                                          | 12.02                | 7813      | 6.90           | 3.14                       | 126.2    |
| DTW (FEET)           | 14.30      |                                              |                      |      |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 21.49      | 4                                            |                      |      |                                               |                      |           |                |                            |          |
| DTB - DTW            | 9.36       | 5                                            |                      |      |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                            |                      |      |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                                              |                      |      |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                                              |                      |      |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    | 4.5        | WEATHER CONDITIONS: Sunny 58°F 2 mph winds W |                      |      |                                               |                      |           |                |                            |          |
| PURGE DATE           | 3/15       | WATER APPEARANCE / ODOR: Clear no odor       |                      |      |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME | 2:25       | COMMENTS:                                    |                      |      |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      | 4.5        |                                              |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 71.50      |                                              |                      |      |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                                              |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE DATE          | 3/16       | WEATHER CONDITIONS: Sunny 37°F 3 mph W       |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR: Clear no odor       |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE TIME          | 8:30       | COMMENTS:                                    |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                                              |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE ID<br>MKTf-40 |            | CONTAINER TYPE                               | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                      |           |                |                            |          |
|                      |            | 40 ML VOA                                    | 6                    |      | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                                    | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER                                | 2                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                                 | 1                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC                               | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                      | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC                               | 1                    |      | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                  |                      |      |                                               |                      |           |                |                            |          |
|                      |            | WATER QUALITY/PARAMETER PROBE                |                      |      |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID                       |            | TEST PARAMETERS                                  |                      |      |                                               |                   |           |                |                         |          |
|-------------------------------|------------|--------------------------------------------------|----------------------|------|-----------------------------------------------|-------------------|-----------|----------------|-------------------------|----------|
| MKTf-41                       |            | Volumes                                          | TIME                 | pH   | Temperature Degrees (°C)                      | Conductivity (mS) | TDS (g/L) | Salinity (ppt) | Dissolved Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE                    | 3/1        | Initial                                          | 2:37                 | 8.06 | 14                                            | 3.03              | 1969.50   | 1.59           | 1.09                    | 199.1    |
| GAUGE TIME                    |            | 1                                                | 2:41                 | 8.12 | 13.4                                          | 3.55              | 1980.00   | 1.57           | 0.77                    | 191.3    |
| DHC (FEET)                    | NA         | 2                                                | 2:45                 | 8.13 | 13.1                                          | 3.00              | 1950.00   | 1.57           | 0.98                    | 196.5    |
| DTW (FEET)                    | 21.43      | 3                                                |                      |      |                                               |                   |           |                |                         |          |
| DTB (FEET)                    | 39.76      | 4                                                |                      |      |                                               |                   |           |                |                         |          |
| DTB - DTW                     | 18.33      | 5                                                |                      |      |                                               |                   |           |                |                         |          |
| CAPACITY PER FOOT             | 0.653 - 4" | 6                                                |                      |      |                                               |                   |           |                |                         |          |
|                               | 0.163 - 2" |                                                  |                      |      |                                               |                   |           |                |                         |          |
| PURGING DATA                  |            |                                                  |                      |      |                                               |                   |           |                |                         |          |
| 3 WELL VOLUMES                | 9          | WEATHER CONDITIONS:<br>Sunny 42°F                |                      |      |                                               |                   |           |                |                         |          |
| PURGE DATE                    | 3-8-22     | WATER APPEARANCE / ODOR:<br>Clear / No odor      |                      |      |                                               |                   |           |                |                         |          |
| END OF PURGE TIME             | 2:45       | COMMENTS:                                        |                      |      |                                               |                   |           |                |                         |          |
| PURGE AMOUNT                  | 9          |                                                  |                      |      |                                               |                   |           |                |                         |          |
| DTW (FEET)                    | 31.94      |                                                  |                      |      |                                               |                   |           |                |                         |          |
| SAMPLING DATA                 |            |                                                  |                      |      |                                               |                   |           |                |                         |          |
| SAMPLE DATE                   | 3-9-22     | WEATHER CONDITIONS:<br>Sunny 30°F 8 mph winds SE |                      |      |                                               |                   |           |                |                         |          |
| DTW (FEET)                    | 23.23      | WATER APPEARANCE / ODOR:<br>Clear No odor        |                      |      |                                               |                   |           |                |                         |          |
| SAMPLE TIME                   | 9:35       | COMMENTS:<br>TSS                                 |                      |      |                                               |                   |           |                |                         |          |
| SAMPLE LOG                    |            |                                                  |                      |      |                                               |                   |           |                |                         |          |
| SAMPLE ID                     |            | CONTAINER TYPE                                   | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                   |           |                |                         |          |
| MKTf-41                       |            | 40 ML VOA                                        | 6                    |      | HCL                                           |                   |           |                |                         |          |
|                               |            | 40 ML VOA                                        | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                   |           |                |                         |          |
|                               |            | 1 LITER AMBER                                    | 2                    |      | NEAT                                          |                   |           |                |                         |          |
|                               |            | 500 ML AMBER                                     | 1                    |      | NEAT                                          |                   |           |                |                         |          |
|                               |            | 250 ML PLASTIC                                   | 1                    |      | HNO <sub>3</sub>                              |                   |           |                |                         |          |
|                               |            | 125 ML PLASTIC FILTERED                          | 1                    |      | HNO <sub>3</sub>                              |                   |           |                |                         |          |
|                               |            | 500 ML PLASTIC                                   | 1                    |      | NaOH                                          |                   |           |                |                         |          |
| INSTRUMENTS USED              |            |                                                  |                      |      |                                               |                   |           |                |                         |          |
| OIL / WATER INTERFACE PROBE   |            |                                                  |                      |      |                                               |                   |           |                |                         |          |
| WATER QUALITY/PARAMETER PROBE |            |                                                  |                      |      |                                               |                   |           |                |                         |          |

COMPLETED BY:

SIGNATURE:

## MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                 |                      |      |                                               |                      |           |                |                            |          |
|----------------------|------------|-------------------------------------------------|----------------------|------|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTf-42              |            | Volumes                                         | TIME                 | pH   | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mV) |
| GAUGE DATE           | 3/1        | Initial                                         | 1:55                 | 7.93 | 14.8                                          | 3.36                 | 2184.00   | 1.78           | 0.85                       | 40.8     |
| GAUGE TIME           |            | 1                                               | 1:59                 | 7.94 | 13.2                                          | 3.40                 | 2200.00   | 1.77           | 1.38                       | 40.1     |
| DHC (FEET)           | NA         | 2                                               | 2:03                 | 7.98 | 13.3                                          | 3.47                 | 2220.00   | 1.80           | 1.58                       | 40.9     |
| DTW (FEET)           | 17.20      | 3                                               |                      |      |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 33.17      | 4                                               |                      |      |                                               |                      |           |                |                            |          |
| DTB - DTW            | 15.97      | 5                                               |                      |      |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                               |                      |      |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                                                 |                      |      |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                                                 |                      |      |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    | 8          | WEATHER CONDITIONS:<br>Sunny 38°C NW winds 9mph |                      |      |                                               |                      |           |                |                            |          |
| PURGE DATE           | 3-8-22     | WATER APPEARANCE / ODOR:<br>Clear / No odor     |                      |      |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME | 7:05       | COMMENTS:                                       |                      |      |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      | 8          |                                                 |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 28.02      |                                                 |                      |      |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                                                 |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE DATE          | 3-9-22     | WEATHER CONDITIONS:<br>Sunny 30°C               |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 19.01      | WATER APPEARANCE / ODOR:<br>Clear / No odor     |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE TIME          | 9:00       | COMMENTS:<br>Dug collected Dug 3-9-22           |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                                                 |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                                  | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                      |           |                |                            |          |
| MKTf-42              |            | 40 ML VOA                                       | 6                    |      | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                                       | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER                                   | 2                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                                    | 1                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC                                  | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                         | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC                                  | 1                    |      | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                     |                      |      |                                               |                      |           |                |                            |          |
|                      |            | WATER QUALITY/PARAMETER PROBE                   |                      |      |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                              |                      |      |                                               |                      |           |                |                            |          |
|----------------------|------------|--------------------------------------------------------------|----------------------|------|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTf-43              |            | Volumes                                                      | TIME                 | pH   | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           |            | Initial                                                      | 11:23                | 6.64 | 8.7                                           | 28.22                | 15345.0   | 17.35          | 2.00                       | 147.3    |
| GAUGE TIME           |            | 1                                                            | 11:27                | 6.67 | 8.9                                           | 28.22                | 15356.0   | 17.34          | 1.94                       | 148.1    |
| DHC (FEET)           | NA         | 2                                                            | 11:31                | 6.69 | 8.5                                           | 28.23                | 15355.50  | 17.34          | 2.02                       | 145.8    |
| DTW (FEET)           | 9.04       | 3                                                            |                      |      |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 16.93      | 4                                                            |                      |      |                                               |                      |           |                |                            |          |
| DTB - DTW            | 7.89       | 5                                                            |                      |      |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                            |                      |      |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                                                              |                      |      |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                                                              |                      |      |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    | 4.00       | WEATHER CONDITIONS:<br>Cloudy, 36°F                          |                      |      |                                               |                      |           |                |                            |          |
| PURGE DATE           | 3-7-22     | WATER APPEARANCE / ODOR:<br>Clear / No odor                  |                      |      |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME | 11:35      | COMMENTS:                                                    |                      |      |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      | 4.00       |                                                              |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 13.19      |                                                              |                      |      |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                                                              |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE DATE          | 3-8-22     | WEATHER CONDITIONS:<br>Sunny 30°F                            |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 15.44      | WATER APPEARANCE / ODOR:<br>Clear / No odor                  |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE TIME          | 10:45      | COMMENTS:                                                    |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                                                              |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                                               | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                      |           |                |                            |          |
| MKTf-43              |            | 40 ML VOA                                                    | 6                    |      | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                                                    | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER                                                | 2                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                                                 | 1                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC                                               | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                                      | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC                                               | 1                    |      | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE<br>WATER QUALITY/PARAMETER PROBE |                      |      |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                  |                      |      |                                               |                      |           |                |                            |          |
|----------------------|------------|--------------------------------------------------|----------------------|------|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTF-44              |            | Volumes                                          | TIME                 | pH   | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/1        | Initial                                          | 3:09                 | 8.21 | 14.6                                          | 1.92                 | 1189.01   | 0.93           | 5.58                       | 160.9    |
| GAUGE TIME           |            | 1                                                | 3:13                 | 8.11 | 14.6                                          | 1.82                 | 1176.50   | 0.91           | 5.90                       | 157.7    |
| DHC (FEET)           | —          | 2                                                | 3:17                 | 9.10 | 14.0                                          | 1.80                 | 1166.00   | 0.91           | 6.01                       | 152.5    |
| DTW (FEET)           | 41.40      | 3                                                |                      |      |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 51.25      | 4                                                |                      |      |                                               |                      |           |                |                            |          |
| DTB - DTW            | 9.85       | 5                                                |                      |      |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                |                      |      |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                                                  |                      |      |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                                                  |                      |      |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    | 5          | WEATHER CONDITIONS:<br>Sunny 61°F 70 mph NW wind |                      |      |                                               |                      |           |                |                            |          |
| PURGE DATE           | 3/23       | WATER APPEARANCE / ODOR:<br>Clear / No odor      |                      |      |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME | 3:26       | COMMENTS:                                        |                      |      |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      | 5          |                                                  |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 50.93      |                                                  |                      |      |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                                                  |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE DATE          | 3/24       | WEATHER CONDITIONS:<br>Sunny 50°F                |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 46.83      | WATER APPEARANCE / ODOR:<br>Clear / No odor      |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE TIME          | 10:54      | COMMENTS:                                        |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                                                  |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                                   | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                      |           |                |                            |          |
| MKTF-44              |            | 40 ML VOA                                        | 6                    |      | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                                        | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER                                    | 2                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                                     | 1                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC                                   | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                          | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC                                   | 1                    |      | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                      |                      |      |                                               |                      |           |                |                            |          |
|                      |            | WATER QUALITY/PARAMETER PROBE                    |                      |      |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



## MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS               |                      |    |                                               |                      |           |                |                         |          |
|----------------------|------------|-------------------------------|----------------------|----|-----------------------------------------------|----------------------|-----------|----------------|-------------------------|----------|
| MKTf-45              |            | Volumes                       | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (%) | ORP (mv) |
| GAUGE DATE           | 3/2        | Initial                       |                      |    |                                               |                      |           |                |                         |          |
| GAUGE TIME           |            | 1                             |                      |    |                                               |                      |           |                |                         |          |
| DHC (FEET)           | 14.28      | 2                             |                      |    |                                               |                      |           |                |                         |          |
| DTW (FEET)           | 14.33      | 3                             |                      |    |                                               |                      |           |                |                         |          |
| DTB (FEET)           | 30.50      | 4                             |                      |    |                                               |                      |           |                |                         |          |
| DTB - DTW            | 6.17       | 5                             |                      |    |                                               |                      |           |                |                         |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                             |                      |    |                                               |                      |           |                |                         |          |
|                      | 0.163 - 2" |                               |                      |    |                                               |                      |           |                |                         |          |
| PURGING DATA         |            |                               |                      |    |                                               |                      |           |                |                         |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:           |                      |    |                                               |                      |           |                |                         |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                      |           |                |                         |          |
| END OF PURGE<br>TIME |            | COMMENTS:<br>HAS Product      |                      |    |                                               |                      |           |                |                         |          |
| PURGE<br>AMOUNT      |            |                               |                      |    |                                               |                      |           |                |                         |          |
| DTW (FEET)           |            |                               |                      |    |                                               |                      |           |                |                         |          |
| SAMPLING DATA        |            |                               |                      |    |                                               |                      |           |                |                         |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:           |                      |    |                                               |                      |           |                |                         |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                      |           |                |                         |          |
| SAMPLE TIME          |            | COMMENTS:                     |                      |    |                                               |                      |           |                |                         |          |
| SAMPLE LOG           |            |                               |                      |    |                                               |                      |           |                |                         |          |
| SAMPLE ID            |            | CONTAINER TYPE                | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                      |           |                |                         |          |
| MKTf-45              |            | 40 ML VOA                     | 6                    |    | HCL                                           |                      |           |                |                         |          |
|                      |            | 40 ML VOA                     | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                         |          |
|                      |            | 1 LITER AMBER                 | 2                    |    | NEAT                                          |                      |           |                |                         |          |
|                      |            | 500 ML AMBER                  | 1                    |    | NEAT                                          |                      |           |                |                         |          |
|                      |            | 250 ML PLASTIC                | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                         |          |
|                      |            | 125 ML PLASTIC FILTERED       | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                         |          |
|                      |            | 500 ML PLASTIC                | 1                    |    | NaOH                                          |                      |           |                |                         |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE   |                      |    |                                               |                      |           |                |                         |          |
|                      |            | WATER QUALITY/PARAMETER PROBE |                      |    |                                               |                      |           |                |                         |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



## MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |       |      |                             |                      |           |                |                            |          |
|----------------------|------------|-----------------|-------|------|-----------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTF-46              |            | Volumes         | TIME  | pH   | Temperature<br>Degrees (°C) | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/1        | Initial         | 15:35 | 6.99 | 12.8                        | 2.02                 | 1313      | 1.04           | 0.98                       | 159.4    |
| GAUGE TIME           |            | 1               | 15:38 | 7.02 | 12.8                        | 2.04                 | 1326      | 1.05           | 1.01                       | 159.2    |
| DHC (FEET)           | NA         | 2               | 15:41 | 7.02 | 12.8                        | 2.06                 | 1332      | 1.05           | 1.01                       | 161.1    |
| DTW (FEET)           | 12.80      | 3               |       |      |                             |                      |           |                |                            |          |
| DTB (FEET)           | 21.30      | 4               |       |      |                             |                      |           |                |                            |          |
| DTB - DTW            | 8.5        | 5               |       |      |                             |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6               |       |      |                             |                      |           |                |                            |          |
|                      | 0.163 - 2" |                 |       |      |                             |                      |           |                |                            |          |

## PURGING DATA

|                      |        |                                                    |
|----------------------|--------|----------------------------------------------------|
| 3 WELL<br>VOLUMES    | 4.00   | WEATHER CONDITIONS:<br>Cloudy 47°F 15 mph winds SE |
| PURGE DATE           | 3-9-22 | WATER APPEARANCE / ODOR:<br>Clear / No odor        |
| END OF PURGE<br>TIME | 15:41  | COMMENTS:                                          |
| PURGE<br>AMOUNT      | 4      |                                                    |
| DTW (FEET)           | 18.97  |                                                    |

## SAMPLING DATA

|             |         |                                                    |
|-------------|---------|----------------------------------------------------|
| SAMPLE DATE | 3-10-22 | WEATHER CONDITIONS:<br>Cloudy 31°F 10 mph SE winds |
| DTW (FEET)  | 12.55   | WATER APPEARANCE / ODOR:<br>Clear / No odor        |
| SAMPLE TIME | 8:00    | COMMENTS:<br>DUP collected 3-10-22                 |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
| MKTF-46   | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED OIL / WATER INTERFACE PROBE  
WATER QUALITY/PARAMETER PROBE

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS               |                      |    |                                               |                      |           |                |                            |          |
|----------------------|------------|-------------------------------|----------------------|----|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTf-47              |            | Volumes                       | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/2        | Initial                       |                      |    |                                               |                      |           |                |                            |          |
| GAUGE TIME           |            | 1                             |                      |    |                                               |                      |           |                |                            |          |
| DHC (FEET)           | 11.00      | 2                             |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 11.05      | 3                             |                      |    |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 14.32      | 4                             |                      |    |                                               |                      |           |                |                            |          |
| DTB - DTW            | 3.27       | 5                             |                      |    |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                             |                      |    |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                               |                      |    |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                               |                      |    |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:           |                      |    |                                               |                      |           |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME |            | COMMENTS:                     |                      |    |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      |            |                               |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |            |                               |                      |    |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                               |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:           |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE TIME          |            | COMMENTS:                     |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                               |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                      |           |                |                            |          |
| MKTf-47              |            | 40 ML VOA                     | 6                    |    | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                     | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER                 | 2                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                  | 1                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC                | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED       | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC                | 1                    |    | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE   |                      |    |                                               |                      |           |                |                            |          |
|                      |            | WATER QUALITY/PARAMETER PROBE |                      |    |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |                       | TEST PARAMETERS               |                      |    |                                               |                      |           |                |                            |          |
|----------------------|-----------------------|-------------------------------|----------------------|----|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTf-48              |                       | Volumes                       | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/2                   | Initial                       |                      |    |                                               |                      |           |                |                            |          |
| GAUGE TIME           |                       | 1                             |                      |    |                                               |                      |           |                |                            |          |
| DHC (FEET)           | 10.38                 | 2                             |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 11.83                 | 3                             |                      |    |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 21.00                 | 4                             |                      |    |                                               |                      |           |                |                            |          |
| DTB - DTW            | <del>21.00</del> 9.17 |                               |                      |    |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4"            | 6                             |                      |    |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2"            |                               |                      |    |                                               |                      |           |                |                            |          |
| PURGING DATA         |                       |                               |                      |    |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    |                       | WEATHER CONDITIONS:           |                      |    |                                               |                      |           |                |                            |          |
| PURGE DATE           |                       | WATER APPEARANCE / ODOR:      |                      |    |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME |                       | COMMENTS:<br>HAS Product      |                      |    |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      |                       |                               |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |                       |                               |                      |    |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |                       |                               |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE DATE          |                       | WEATHER CONDITIONS:           |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |                       | WATER APPEARANCE / ODOR:      |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE TIME          |                       | COMMENTS:                     |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |                       |                               |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE ID            |                       | CONTAINER TYPE                | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                      |           |                |                            |          |
| MKTf-48              |                       | 40 ML VOA                     | 6                    |    | HCL                                           |                      |           |                |                            |          |
|                      |                       | 40 ML VOA                     | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |                       | 1 LITER AMBER                 | 2                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |                       | 500 ML AMBER                  | 1                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |                       | 250 ML PLASTIC                | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |                       | 125 ML PLASTIC FILTERED       | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |                       | 500 ML PLASTIC                | 1                    |    | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |                       | OIL / WATER INTERFACE PROBE   |                      |    |                                               |                      |           |                |                            |          |
|                      |                       | WATER QUALITY/PARAMETER PROBE |                      |    |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS               |                      |    |                                               |                      |           |                |                            |          |
|----------------------|------------|-------------------------------|----------------------|----|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTf-49              |            | Volumes                       | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/2        | Initial                       |                      |    |                                               |                      |           |                |                            |          |
| GAUGE TIME           |            | 1                             |                      |    |                                               |                      |           |                |                            |          |
| DHC (FEET)           | 20.46      | 2                             |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 20.64      | 3                             |                      |    |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 25.00      | 4                             |                      |    |                                               |                      |           |                |                            |          |
| DTB - DTW            | 4.36       | 5                             |                      |    |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                             |                      |    |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                               |                      |    |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                               |                      |    |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:           |                      |    |                                               |                      |           |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME |            | COMMENTS:<br>HVS Product      |                      |    |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      |            |                               |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |            |                               |                      |    |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                               |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:           |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE TIME          |            | COMMENTS:                     |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                               |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                      |           |                |                            |          |
| MKTf-49              |            | 40 ML VOA                     | 6                    |    | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                     | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER                 | 2                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                  | 1                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC                | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED       | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC                | 1                    |    | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE   |                      |    |                                               |                      |           |                |                            |          |
|                      |            | WATER QUALITY/PARAMETER PROBE |                      |    |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS               |                      |    |                                               |                      |           |                |                            |          |
|----------------------|------------|-------------------------------|----------------------|----|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTF-50              |            | Volumes                       | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 312        | Initial                       |                      |    |                                               |                      |           |                |                            |          |
| GAUGE TIME           |            | 1                             |                      |    |                                               |                      |           |                |                            |          |
| DHC (FEET)           | 15.41      | 2                             |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 15.71      | 3                             |                      |    |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 21.71      | 4                             |                      |    |                                               |                      |           |                |                            |          |
| DTB - DTW            | 6.00       | 5                             |                      |    |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                             |                      |    |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                               |                      |    |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                               |                      |    |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:           |                      |    |                                               |                      |           |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME |            | COMMENTS:<br>HAS Product      |                      |    |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      |            |                               |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |            |                               |                      |    |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                               |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:           |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE TIME          |            | COMMENTS:                     |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                               |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                      |           |                |                            |          |
| MKTF-50              |            | 40 ML VOA                     | 6                    |    | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                     | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER                 | 2                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                  | 1                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC                | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED       | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC                | 1                    |    | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE   |                      |    |                                               |                      |           |                |                            |          |
|                      |            | WATER QUALITY/PARAMETER PROBE |                      |    |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                            |                      |      |                                               |                        |           |                |                            |          |
|----------------------|------------|------------------------------------------------------------|----------------------|------|-----------------------------------------------|------------------------|-----------|----------------|----------------------------|----------|
| OAPIS-1              |            | Volumes                                                    | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(uS/m) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/1        | Initial                                                    | 9:34                 | 7.22 | 9.6                                           | 5.32                   | 3488      | 288            | 0.17                       | 171.8    |
| GAUGE TIME           |            | 1                                                          | 9:45                 | 7.28 | 12.0                                          | 5.43                   | 3528.50   | 295            | 0.14                       | 149.9    |
| DHC (FEET)           | —          | 2                                                          |                      |      |                                               |                        |           |                |                            |          |
| DTW (FEET)           | 12.19      | 3                                                          |                      |      |                                               |                        |           |                |                            |          |
| DTB (FEET)           | 28.00      | 4                                                          |                      |      |                                               |                        |           |                |                            |          |
| DTB - DTW            | 15.81      | 5                                                          |                      |      |                                               |                        |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                          |                      |      |                                               |                        |           |                |                            |          |
|                      | 0.163 - 2" |                                                            |                      |      |                                               |                        |           |                |                            |          |
| PURGING DATA         |            |                                                            |                      |      |                                               |                        |           |                |                            |          |
| 3 WELL<br>VOLUMES    | 6          | WEATHER CONDITIONS:<br>Snow - Cloudy 35°F 1/4 inch NW wind |                      |      |                                               |                        |           |                |                            |          |
| PURGE DATE           | 3/21       | WATER APPEARANCE / ODOR:<br>Dark Yellow / HC odor          |                      |      |                                               |                        |           |                |                            |          |
| END OF PURGE<br>TIME | 10:50      | COMMENTS:<br>Purged DRY                                    |                      |      |                                               |                        |           |                |                            |          |
| PURGE<br>AMOUNT      | 6          |                                                            |                      |      |                                               |                        |           |                |                            |          |
| DTW (FEET)           | DRY        |                                                            |                      |      |                                               |                        |           |                |                            |          |
| SAMPLING DATA        |            |                                                            |                      |      |                                               |                        |           |                |                            |          |
| SAMPLE DATE          | 3/22       | WEATHER CONDITIONS:<br>Sunny 34°F 16 mph NW wind           |                      |      |                                               |                        |           |                |                            |          |
| DTW (FEET)           | 20.91      | WATER APPEARANCE / ODOR:<br>Dark Yellow / HC odor          |                      |      |                                               |                        |           |                |                            |          |
| SAMPLE TIME          | 9:35       | COMMENTS:                                                  |                      |      |                                               |                        |           |                |                            |          |
| SAMPLE LOG           |            |                                                            |                      |      |                                               |                        |           |                |                            |          |
| SAMPLE ID<br>OAPIS-1 |            | CONTAINER TYPE                                             | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                        |           |                |                            |          |
|                      |            | 40 ML VOA                                                  | 6                    |      | HCL                                           |                        |           |                |                            |          |
|                      |            | 40 ML VOA                                                  | 2                    |      | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                        |           |                |                            |          |
|                      |            | 1 LITER AMBER                                              | 2                    |      | NEAT                                          |                        |           |                |                            |          |
|                      |            | 500 ML AMBER                                               | 1                    |      | NEAT                                          |                        |           |                |                            |          |
|                      |            | 250 ML PLASTIC                                             | 1                    |      | HNO <sub>3</sub>                              |                        |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                                    | 1                    |      | HNO <sub>3</sub>                              |                        |           |                |                            |          |
|                      |            | 500 ML PLASTIC                                             | 1                    |      | NaOH                                          |                        |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                                |                      |      |                                               |                        |           |                |                            |          |
|                      |            | WATER QUALITY METER                                        |                      |      |                                               |                        |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS             |                      |    |                                               |                        |           |                |                            |          |
|----------------------|------------|-----------------------------|----------------------|----|-----------------------------------------------|------------------------|-----------|----------------|----------------------------|----------|
| NAPIS-1              |            | Volumes                     | TIME                 | pH | Temperature<br>Degrees C                      | Conductivity<br>(uS/m) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mV) |
| GAUGE DATE           | 3/1        | Initial                     |                      |    |                                               |                        |           |                |                            |          |
| GAUGE TIME           |            | 1                           |                      |    |                                               |                        |           |                |                            |          |
| DHC (FEET)           | 7.31       | 2                           |                      |    |                                               |                        |           |                |                            |          |
| DTW (FEET)           | 7.33       | 3                           |                      |    |                                               |                        |           |                |                            |          |
| DTB (FEET)           | 13.95      | 4                           |                      |    |                                               |                        |           |                |                            |          |
| DTB - DTW            | 6.62       | 5                           |                      |    |                                               |                        |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                           |                      |    |                                               |                        |           |                |                            |          |
|                      | 0.163 - 2" |                             |                      |    |                                               |                        |           |                |                            |          |
| PURGING DATA         |            |                             |                      |    |                                               |                        |           |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:         |                      |    |                                               |                        |           |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:    |                      |    |                                               |                        |           |                |                            |          |
| END OF PURGE<br>TIME |            | COMMENTS:                   |                      |    |                                               |                        |           |                |                            |          |
| PURGE<br>AMOUNT      |            |                             |                      |    |                                               |                        |           |                |                            |          |
| DTW (FEET)           |            |                             |                      |    |                                               |                        |           |                |                            |          |
| SAMPLING DATA        |            |                             |                      |    |                                               |                        |           |                |                            |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:         |                      |    |                                               |                        |           |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:    |                      |    |                                               |                        |           |                |                            |          |
| SAMPLE TIME          |            | COMMENTS:                   |                      |    |                                               |                        |           |                |                            |          |
| SAMPLE LOG           |            |                             |                      |    |                                               |                        |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE              | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                        |           |                |                            |          |
| NAPIS-1              |            | 40 ML VOA                   | 6                    |    | HCL                                           |                        |           |                |                            |          |
|                      |            | 40 ML VOA                   | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                        |           |                |                            |          |
|                      |            | 1 LITER AMBER               | 2                    |    | NEAT                                          |                        |           |                |                            |          |
|                      |            | 500 ML AMBER                | 1                    |    | NEAT                                          |                        |           |                |                            |          |
|                      |            | 250 ML PLASTIC              | 1                    |    | HNO <sub>3</sub>                              |                        |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED     | 1                    |    | HNO <sub>3</sub>                              |                        |           |                |                            |          |
|                      |            | 500 ML PLASTIC              | 1                    |    | NaOH                                          |                        |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE |                      |    |                                               |                        |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

| WELL ID              |            | TEST PARAMETERS                                         |                      |      |                                               |                        |           |                |                            |          |
|----------------------|------------|---------------------------------------------------------|----------------------|------|-----------------------------------------------|------------------------|-----------|----------------|----------------------------|----------|
| NAPIS-2              |            | Volumes                                                 | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(uS/m) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/1        | Initial                                                 | 9:58                 | 7.17 | 10.7                                          | 1.97                   | 1290.50   | 1.01           | 0.14                       | 98.2     |
| GAUGE TIME           |            | 1                                                       | 10:25                | 7.19 | 10.7                                          | 2.04                   | 1326.00   | 1.05           | 0.13                       | 77.2     |
| DHC (FEET)           | —          | 2                                                       |                      |      |                                               |                        |           |                |                            |          |
| DTW (FEET)           | 8.40       | 3                                                       |                      |      |                                               |                        |           |                |                            |          |
| DTB (FEET)           | 14.40      | 4                                                       |                      |      |                                               |                        |           |                |                            |          |
| DTB - DTW            | 6.00       | 5                                                       |                      |      |                                               |                        |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                       |                      |      |                                               |                        |           |                |                            |          |
|                      | 0.163 - 2" |                                                         |                      |      |                                               |                        |           |                |                            |          |
| PURGING DATA         |            |                                                         |                      |      |                                               |                        |           |                |                            |          |
| 3 WELL<br>VOLUMES    | 3          | WEATHER CONDITIONS:<br>Snow/cloudy 35°F 14 mph NW winds |                      |      |                                               |                        |           |                |                            |          |
| PURGE DATE           | 3/21       | WATER APPEARANCE / ODOR:<br>Clear / no odor             |                      |      |                                               |                        |           |                |                            |          |
| END OF PURGE<br>TIME | 11:05      | COMMENTS:<br>Purged Dry                                 |                      |      |                                               |                        |           |                |                            |          |
| PURGE<br>AMOUNT      | 2          |                                                         |                      |      |                                               |                        |           |                |                            |          |
| DTW (FEET)           | DRY        |                                                         |                      |      |                                               |                        |           |                |                            |          |
| SAMPLING DATA        |            |                                                         |                      |      |                                               |                        |           |                |                            |          |
| SAMPLE DATE          | 3/22       | WEATHER CONDITIONS:<br>Sunny 36°F 19 mph N winds        |                      |      |                                               |                        |           |                |                            |          |
| DTW (FEET)           | 10.13      | WATER APPEARANCE / ODOR:<br>Clear / no odor             |                      |      |                                               |                        |           |                |                            |          |
| SAMPLE TIME          | 10:00      | COMMENTS:                                               |                      |      |                                               |                        |           |                |                            |          |
| SAMPLE LOG           |            |                                                         |                      |      |                                               |                        |           |                |                            |          |
| SAMPLE ID<br>NAPIS-2 |            | CONTAINER TYPE                                          | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                        |           |                |                            |          |
|                      |            | 40 ML VOA                                               | 6                    |      | HCL                                           |                        |           |                |                            |          |
|                      |            | 40 ML VOA                                               | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                        |           |                |                            |          |
|                      |            | 1 LITER AMBER                                           | 2                    |      | NEAT                                          |                        |           |                |                            |          |
|                      |            | 500 ML AMBER                                            | 1                    |      | NEAT                                          |                        |           |                |                            |          |
|                      |            | 250 ML PLASTIC                                          | 1                    |      | HNO <sub>3</sub>                              |                        |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                                 | 1                    |      | HNO <sub>3</sub>                              |                        |           |                |                            |          |
|                      |            | 500 ML PLASTIC                                          | 1                    |      | NaOH                                          |                        |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                             |                      |      |                                               |                        |           |                |                            |          |
|                      |            | WATER QUALITY METER                                     |                      |      |                                               |                        |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                   |                      |      |                                               |                        |           |                |                            |          |
|----------------------|------------|---------------------------------------------------|----------------------|------|-----------------------------------------------|------------------------|-----------|----------------|----------------------------|----------|
| NAPIS-3              |            | Volumes                                           | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(uS/m) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/1        | Initial                                           | 11:25                | 7.19 | 13.5                                          | 2.41                   | 1566.50   | 1.25           | 0.21                       | -79.4    |
| GAUGE TIME           |            | 1                                                 | 11:30                | 6.72 | 13.2                                          | 2.39                   | 1570.50   | 1.30           | 0.19                       | -75.2    |
| DHC (FEET)           | —          | 2                                                 | 11:34                | 6.92 | 13.2                                          | 2.40                   | 1568.0    | 1.26           | 0.19                       | -75.2    |
| DTW (FEET)           | 8.19       | 3                                                 |                      |      |                                               |                        |           |                |                            |          |
| DTB (FEET)           | 24.30      | 4                                                 |                      |      |                                               |                        |           |                |                            |          |
| DTB - DTW            | 16.12      | 5                                                 |                      |      |                                               |                        |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                 |                      |      |                                               |                        |           |                |                            |          |
|                      | 0.163 - 2" |                                                   |                      |      |                                               |                        |           |                |                            |          |
| PURGING DATA         |            |                                                   |                      |      |                                               |                        |           |                |                            |          |
| 3 WELL<br>VOLUMES    | 8          | WEATHER CONDITIONS:<br>Snow/Cloudy 36°F 15 mph NW |                      |      |                                               |                        |           |                |                            |          |
| PURGE DATE           | 3/21       | WATER APPEARANCE / ODOR:<br>Clear / No odor       |                      |      |                                               |                        |           |                |                            |          |
| END OF PURGE<br>TIME | 11:35      | COMMENTS:                                         |                      |      |                                               |                        |           |                |                            |          |
| PURGE<br>AMOUNT      | 8          |                                                   |                      |      |                                               |                        |           |                |                            |          |
| DTW (FEET)           | 22.31      |                                                   |                      |      |                                               |                        |           |                |                            |          |
| SAMPLING DATA        |            |                                                   |                      |      |                                               |                        |           |                |                            |          |
| SAMPLE DATE          | 3/22       | WEATHER CONDITIONS:<br>Sunny 36°F 12 mph winds N  |                      |      |                                               |                        |           |                |                            |          |
| DTW (FEET)           | 10.02      | WATER APPEARANCE / ODOR:<br>Clear / No odor       |                      |      |                                               |                        |           |                |                            |          |
| SAMPLE TIME          | 10:30      | COMMENTS:                                         |                      |      |                                               |                        |           |                |                            |          |
| SAMPLE LOG           |            |                                                   |                      |      |                                               |                        |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                                    | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                        |           |                |                            |          |
| NAPIS-3              |            | 40 ML VOA                                         | 6                    |      | HCL                                           |                        |           |                |                            |          |
|                      |            | 40 ML VOA                                         | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                        |           |                |                            |          |
|                      |            | 1 LITER AMBER                                     | 2                    |      | NEAT                                          |                        |           |                |                            |          |
|                      |            | 500 ML AMBER                                      | 1                    |      | NEAT                                          |                        |           |                |                            |          |
|                      |            | 250 ML PLASTIC                                    | 1                    |      | HNO <sub>3</sub>                              |                        |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                           | 1                    |      | HNO <sub>3</sub>                              |                        |           |                |                            |          |
|                      |            | 500 ML PLASTIC                                    | 1                    |      | NaOH                                          |                        |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                       |                      |      |                                               |                        |           |                |                            |          |
|                      |            | WATER QUALITY METER                               |                      |      |                                               |                        |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID           |            | TEST PARAMETERS                                     |                      |      |                                               |                     |           |                |                         |          |
|-------------------|------------|-----------------------------------------------------|----------------------|------|-----------------------------------------------|---------------------|-----------|----------------|-------------------------|----------|
| KA-3              |            | Volumes                                             | TIME                 | pH   | Temperature Degrees C                         | Conductivity (uS/m) | TDS (g/L) | Salinity (ppt) | Dissolved Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE        | 3/11       | Initial                                             | 10:56                | 7.42 | 11.4                                          | 233                 | 1574.50   | 1.20           | 0.13                    | 199.3    |
| GAUGE TIME        |            | 1                                                   | 10:15                | 7.38 | 13.3                                          | 242                 | 1571      | 1.25           | 0.13                    | 172.9    |
| DHC (FEET)        | —          | 2                                                   |                      |      |                                               |                     |           |                |                         |          |
| DTW (FEET)        | 9.53       | 3                                                   |                      |      |                                               |                     |           |                |                         |          |
| DTB (FEET)        | 31.39      | 4                                                   |                      |      |                                               |                     |           |                |                         |          |
| DTB - DTW         | 21.86      | 5                                                   |                      |      |                                               |                     |           |                |                         |          |
| CAPACITY PER FOOT | 0.653 - 4" | 6                                                   |                      |      |                                               |                     |           |                |                         |          |
|                   | 0.163 - 2" |                                                     |                      |      |                                               |                     |           |                |                         |          |
| PURGING DATA      |            |                                                     |                      |      |                                               |                     |           |                |                         |          |
| 3 WELL VOLUMES    | 10.50      | WEATHER CONDITIONS: Cloudy Snow 37°F 17 mph NW wind |                      |      |                                               |                     |           |                |                         |          |
| PURGE DATE        | 3/21       | WATER APPEARANCE / ODOR: Clear No odor              |                      |      |                                               |                     |           |                |                         |          |
| END OF PURGE TIME | 12:00      | COMMENTS: Purged Dry                                |                      |      |                                               |                     |           |                |                         |          |
| PURGE AMOUNT      | 3.75       |                                                     |                      |      |                                               |                     |           |                |                         |          |
| DTW (FEET)        | DTW        |                                                     |                      |      |                                               |                     |           |                |                         |          |
| SAMPLING DATA     |            |                                                     |                      |      |                                               |                     |           |                |                         |          |
| SAMPLE DATE       | 3/22       | WEATHER CONDITIONS: Sunny 36°F 20 mph NW wind       |                      |      |                                               |                     |           |                |                         |          |
| DTW (FEET)        | 11.33      | WATER APPEARANCE / ODOR: Clear No odor              |                      |      |                                               |                     |           |                |                         |          |
| SAMPLE TIME       | 11:00      | COMMENTS:                                           |                      |      |                                               |                     |           |                |                         |          |
| SAMPLE LOG        |            |                                                     |                      |      |                                               |                     |           |                |                         |          |
| SAMPLE ID         |            | CONTAINER TYPE                                      | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                     |           |                |                         |          |
| KA-3              |            | 40 ML VOA                                           | 6                    |      | HCL                                           |                     |           |                |                         |          |
|                   |            | 40 ML VOA                                           | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                     |           |                |                         |          |
|                   |            | 1 LITER AMBER                                       | 2                    |      | NEAT                                          |                     |           |                |                         |          |
|                   |            | 500 ML AMBER                                        | 1                    |      | NEAT                                          |                     |           |                |                         |          |
|                   |            | 250 ML PLASTIC                                      | 1                    |      | HNO <sub>3</sub>                              |                     |           |                |                         |          |
|                   |            | 125 ML PLASTIC FILTERED                             | 1                    |      | HNO <sub>3</sub>                              |                     |           |                |                         |          |
|                   |            | 500 ML PLASTIC                                      | 1                    |      | NaOH                                          |                     |           |                |                         |          |
| INSTRUMENTS USED  |            | OIL / WATER INTERFACE PROBE                         |                      |      |                                               |                     |           |                |                         |          |
|                   |            | WATER QUALITY METER                                 |                      |      |                                               |                     |           |                |                         |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS             |                      |    |                                               |                        |           |                |                            |          |
|----------------------|------------|-----------------------------|----------------------|----|-----------------------------------------------|------------------------|-----------|----------------|----------------------------|----------|
| STP-1-SW             |            | Volumes                     | TIME                 | pH | Temperature<br>Degrees C                      | Conductivity<br>(uS/m) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/1        | Initial                     |                      |    |                                               |                        |           |                |                            |          |
| GAUGE TIME           |            | 1                           |                      |    |                                               |                        |           |                |                            |          |
| DHC (FEET)           | DRY        | 2                           |                      |    |                                               |                        |           |                |                            |          |
| DTW (FEET)           | DRY        | 3                           |                      |    |                                               |                        |           |                |                            |          |
| DTB (FEET)           |            | 4                           |                      |    |                                               |                        |           |                |                            |          |
| DTB - DTW            | DRY        | 5                           |                      |    |                                               |                        |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                           |                      |    |                                               |                        |           |                |                            |          |
|                      | 0.163 - 2" |                             |                      |    |                                               |                        |           |                |                            |          |
| PURGING DATA         |            |                             |                      |    |                                               |                        |           |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:         |                      |    |                                               |                        |           |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:    |                      |    |                                               |                        |           |                |                            |          |
| END OF PURGE<br>TIME |            | COMMENTS:                   |                      |    |                                               |                        |           |                |                            |          |
| PURGE<br>AMOUNT      |            |                             |                      |    |                                               |                        |           |                |                            |          |
| DTW (FEET)           |            |                             |                      |    |                                               |                        |           |                |                            |          |
| SAMPLING DATA        |            |                             |                      |    |                                               |                        |           |                |                            |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:         |                      |    |                                               |                        |           |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:    |                      |    |                                               |                        |           |                |                            |          |
| SAMPLE TIME          |            | COMMENTS:                   |                      |    |                                               |                        |           |                |                            |          |
| SAMPLE LOG           |            |                             |                      |    |                                               |                        |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE              | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                        |           |                |                            |          |
| STP-1-SW             |            | 40 ML VOA                   | 6                    |    | HCL                                           |                        |           |                |                            |          |
|                      |            | 40 ML VOA                   | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                        |           |                |                            |          |
|                      |            | 1 LITER AMBER               | 2                    |    | NEAT                                          |                        |           |                |                            |          |
|                      |            | 500 ML AMBER                | 1                    |    | NEAT                                          |                        |           |                |                            |          |
|                      |            | 250 ML PLASTIC              | 1                    |    | HNO <sub>3</sub>                              |                        |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED     | 1                    |    | HNO <sub>3</sub>                              |                        |           |                |                            |          |
|                      |            | 500 ML PLASTIC              | 1                    |    | NaOH                                          |                        |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE |                      |    |                                               |                        |           |                |                            |          |
|                      |            | WATER QUALITY METER         |                      |    |                                               |                        |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



## MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID               |            | TEST PARAMETERS                             |                      |      |                                               |                        |           |                |                            |          |
|-----------------------|------------|---------------------------------------------|----------------------|------|-----------------------------------------------|------------------------|-----------|----------------|----------------------------|----------|
| STP-1-NW              |            | Volumes                                     | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(uS/m) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE            | 3/1        | Initial                                     | 2:30                 | 7.71 | 15.2                                          | 7.18                   | 4677.50   | 3.98           | 3.28                       | 155.2    |
| GAUGE TIME            |            | 1                                           | 2:38                 | 7.72 | 14.2                                          | 7.23                   | 4699.50   | 4.01           | 3.72                       | 181.5    |
| DHC (FEET)            | —          | 2                                           | 2:43                 | 7.72 | 13.7                                          | 7.30                   | 4732.50   | 3.98           | 3.72                       | 177.5    |
| DTW (FEET)            | 21.55      | 3                                           |                      |      |                                               |                        |           |                |                            |          |
| DTB (FEET)            | 47.70      | 4                                           |                      |      |                                               |                        |           |                |                            |          |
| DTB - DTW             | 26.15      | 5                                           |                      |      |                                               |                        |           |                |                            |          |
| CAPACITY PER<br>FOOT  | 0.653 - 4" | 6                                           |                      |      |                                               |                        |           |                |                            |          |
|                       | 0.163 - 2" |                                             |                      |      |                                               |                        |           |                |                            |          |
| PURGING DATA          |            |                                             |                      |      |                                               |                        |           |                |                            |          |
| 3 WELL<br>VOLUMES     | 13         | WEATHER CONDITIONS:<br>Sunny 48°F 19 mph NW |                      |      |                                               |                        |           |                |                            |          |
| PURGE DATE            | 3/23       | WATER APPEARANCE / ODOR:<br>Clear / No odor |                      |      |                                               |                        |           |                |                            |          |
| END OF PURGE<br>TIME  | 2:45       | COMMENTS:                                   |                      |      |                                               |                        |           |                |                            |          |
| PURGE<br>AMOUNT       | 13.00      |                                             |                      |      |                                               |                        |           |                |                            |          |
| DTW (FEET)            | 39.43      |                                             |                      |      |                                               |                        |           |                |                            |          |
| SAMPLING DATA         |            |                                             |                      |      |                                               |                        |           |                |                            |          |
| SAMPLE DATE           | 3/24       | WEATHER CONDITIONS:<br>Sunny 43°F           |                      |      |                                               |                        |           |                |                            |          |
| DTW (FEET)            | 35.94      | WATER APPEARANCE / ODOR:                    |                      |      |                                               |                        |           |                |                            |          |
| SAMPLE TIME           | 9:55       | COMMENTS:                                   |                      |      |                                               |                        |           |                |                            |          |
| SAMPLE LOG            |            |                                             |                      |      |                                               |                        |           |                |                            |          |
| SAMPLE ID<br>STP-1-NW |            | CONTAINER TYPE                              | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                        |           |                |                            |          |
|                       |            | 40 ML VOA                                   | 6                    |      | HCL                                           |                        |           |                |                            |          |
|                       |            | 40 ML VOA                                   | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                        |           |                |                            |          |
|                       |            | 1 LITER AMBER                               | 2                    |      | NEAT                                          |                        |           |                |                            |          |
|                       |            | 500 ML AMBER                                | 1                    |      | NEAT                                          |                        |           |                |                            |          |
|                       |            | 250 ML PLASTIC                              | 1                    |      | HNO <sub>3</sub>                              |                        |           |                |                            |          |
|                       |            | 125 ML PLASTIC FILTERED                     | 1                    |      | HNO <sub>3</sub>                              |                        |           |                |                            |          |
|                       |            | 500 ML PLASTIC                              | 1                    |      | NaOH                                          |                        |           |                |                            |          |
| INSTRUMENTS USED      |            | OIL / WATER INTERFACE PROBE                 |                      |      |                                               |                        |           |                |                            |          |
|                       |            | WATER QUALITY METER                         |                      |      |                                               |                        |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



## MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| OUTFALL ID           |            | TEST PARAMETERS             |                      |                                               |                          |                        |           |                |                            |          |
|----------------------|------------|-----------------------------|----------------------|-----------------------------------------------|--------------------------|------------------------|-----------|----------------|----------------------------|----------|
| STP-1 TO EP-2        |            | Volumes                     | TIME                 | pH                                            | Temperature<br>Degrees C | Conductivity<br>(uS/m) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           |            | Initial                     | 10:58                | 8.31                                          | 2.3                      | 3.50                   | 1410      | 1.73           | 3.28                       | 201.5    |
| GAUGE TIME           |            | 1                           |                      |                                               |                          |                        |           |                |                            |          |
| DHC (FEET)           |            | 2                           |                      |                                               |                          |                        |           |                |                            |          |
| DTW (FEET)           |            | 3                           |                      |                                               |                          |                        |           |                |                            |          |
| DTB (FEET)           |            | 4                           |                      |                                               |                          |                        |           |                |                            |          |
| DTB - DTW            |            | 5                           |                      |                                               |                          |                        |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                           |                      |                                               |                          |                        |           |                |                            |          |
|                      | 0.163 - 2" |                             |                      |                                               |                          |                        |           |                |                            |          |
| PURGING DATA         |            |                             |                      |                                               |                          |                        |           |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:         |                      |                                               |                          |                        |           |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:    |                      |                                               |                          |                        |           |                |                            |          |
| END OF PURGE<br>TIME |            | COMMENTS:                   |                      |                                               |                          |                        |           |                |                            |          |
| PURGE<br>AMOUNT      |            |                             |                      |                                               |                          |                        |           |                |                            |          |
| DTW (FEET)           |            |                             |                      |                                               |                          |                        |           |                |                            |          |
| SAMPLING DATA        |            |                             |                      |                                               |                          |                        |           |                |                            |          |
| SAMPLE DATE          | 3/18       | WEATHER CONDITIONS:         |                      |                                               |                          |                        |           |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:    |                      |                                               |                          |                        |           |                |                            |          |
| SAMPLE TIME          | 11:00      | COMMENTS:                   |                      |                                               |                          |                        |           |                |                            |          |
| SAMPLING LOG         |            |                             |                      |                                               |                          |                        |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE              | NUMBER OF CONTAINERS | PRESERVATIVE                                  |                          |                        |           |                |                            |          |
| STP-1 TO EP-2        |            |                             |                      |                                               |                          |                        |           |                |                            |          |
|                      |            | 40 ML VOA                   | 6                    | HCL                                           |                          |                        |           |                |                            |          |
|                      |            | 40 ML VOA                   | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                          |                        |           |                |                            |          |
|                      |            | 1 LITER AMBER               | 2                    | NEAT                                          |                          |                        |           |                |                            |          |
|                      |            | 500 ML AMBER                | 1                    | NEAT                                          |                          |                        |           |                |                            |          |
|                      |            | 250 ML PLASTIC              | 1                    | HNO <sub>3</sub>                              |                          |                        |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED     | 1                    | HNO <sub>3</sub>                              |                          |                        |           |                |                            |          |
|                      |            | 500 ML PLASTIC              | 1                    | NaOH                                          |                          |                        |           |                |                            |          |
|                      |            | 1 LITER PLASTIC             | 1                    | NEAT                                          |                          |                        |           |                |                            |          |
|                      |            | 500 ML PLASTIC              | 1                    | NA <sub>2</sub> SO <sub>3</sub>               |                          |                        |           |                |                            |          |
|                      |            | 100 ML PLASTIC              | 1                    | NEAT                                          |                          |                        |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE |                      |                                               |                          |                        |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

| WELL ID                                      |                          | TEST PARAMETERS                          |                      |    |                                               |                        |           |                |                            |          |
|----------------------------------------------|--------------------------|------------------------------------------|----------------------|----|-----------------------------------------------|------------------------|-----------|----------------|----------------------------|----------|
| EAST LDU                                     |                          | Volumes                                  | TIME                 | pH | Temperature<br>Degrees C                      | Conductivity<br>(uS/m) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE                                   |                          | Initial                                  |                      |    |                                               |                        |           |                |                            |          |
| GAUGE TIME                                   |                          | 1                                        |                      |    |                                               |                        |           |                |                            |          |
| DHC (FEET)                                   |                          | 2                                        |                      |    |                                               |                        |           |                |                            |          |
| DTW (FEET)                                   |                          | 3                                        |                      |    |                                               |                        |           |                |                            |          |
| DTB (FEET)                                   |                          | 4                                        |                      |    |                                               |                        |           |                |                            |          |
| DTB - DTW                                    |                          | 5                                        |                      |    |                                               |                        |           |                |                            |          |
| CAPACITY PER<br>FOOT                         | 0.653 - 4"<br>0.163 - 2" | 6                                        |                      |    |                                               |                        |           |                |                            |          |
| PURGING DATA                                 |                          |                                          |                      |    |                                               |                        |           |                |                            |          |
| 3 WELL<br>VOLUMES                            |                          | WEATHER CONDITIONS:                      |                      |    |                                               |                        |           |                |                            |          |
| PURGE DATE                                   |                          | WATER APPEARANCE / ODOR:                 |                      |    |                                               |                        |           |                |                            |          |
| END OF PURGE<br>TIME                         |                          | COMMENTS:                                |                      |    |                                               |                        |           |                |                            |          |
| PURGE<br>AMOUNT                              |                          |                                          |                      |    |                                               |                        |           |                |                            |          |
| DTW (FEET)                                   |                          |                                          |                      |    |                                               |                        |           |                |                            |          |
| SAMPLING DATA                                |                          |                                          |                      |    |                                               |                        |           |                |                            |          |
| SAMPLE DATE                                  | 3/18                     | WEATHER CONDITIONS: Sunny 42°F           |                      |    |                                               |                        |           |                |                            |          |
| DTW (FEET)                                   | 1.70                     | WATER APPEARANCE / ODOR: Clear / No odor |                      |    |                                               |                        |           |                |                            |          |
| SAMPLE TIME                                  | 9:35                     | COMMENTS:                                |                      |    |                                               |                        |           |                |                            |          |
| SAMPLE LOG                                   |                          |                                          |                      |    |                                               |                        |           |                |                            |          |
| SAMPLE ID<br>EAST LDU                        |                          | CONTAINER TYPE                           | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                        |           |                |                            |          |
|                                              |                          | 40 ML VOA                                | 6                    |    | HCL                                           |                        |           |                |                            |          |
|                                              |                          | 40 ML VOA                                | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                        |           |                |                            |          |
|                                              |                          | 1 LITER AMBER                            | 2                    |    | NEAT                                          |                        |           |                |                            |          |
|                                              |                          | 500 ML AMBER                             | 1                    |    | NEAT                                          |                        |           |                |                            |          |
|                                              |                          | 250 ML PLASTIC                           | 1                    |    | HNO <sub>3</sub>                              |                        |           |                |                            |          |
|                                              |                          | 125 ML PLASTIC FILTERED                  | 1                    |    | HNO <sub>3</sub>                              |                        |           |                |                            |          |
|                                              |                          | 500 ML PLASTIC                           | 1                    |    | NaOH                                          |                        |           |                |                            |          |
| INSTRUMENTS USED OIL / WATER INTERFACE PROBE |                          |                                          |                      |    |                                               |                        |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

| WELL ID               |            | TEST PARAMETERS                              |                      |    |                                               |                        |           |                |                            |          |
|-----------------------|------------|----------------------------------------------|----------------------|----|-----------------------------------------------|------------------------|-----------|----------------|----------------------------|----------|
| WEST LDU              |            | Volumes                                      | TIME                 | pH | Temperature<br>Degrees C                      | Conductivity<br>(uS/m) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE            |            | Initial                                      |                      |    |                                               |                        |           |                |                            |          |
| GAUGE TIME            |            | 1                                            |                      |    |                                               |                        |           |                |                            |          |
| DHC (FEET)            |            | 2                                            |                      |    |                                               |                        |           |                |                            |          |
| DTW (FEET)            |            | 3                                            |                      |    |                                               |                        |           |                |                            |          |
| DTB (FEET)            |            | 4                                            |                      |    |                                               |                        |           |                |                            |          |
| DTB - DTW             |            | 5                                            |                      |    |                                               |                        |           |                |                            |          |
| CAPACITY PER<br>FOOT  | 0.653 - 4" | 6                                            |                      |    |                                               |                        |           |                |                            |          |
|                       | 0.163 - 2" |                                              |                      |    |                                               |                        |           |                |                            |          |
| PURGING DATA          |            |                                              |                      |    |                                               |                        |           |                |                            |          |
| 3 WELL<br>VOLUMES     |            | WEATHER CONDITIONS:                          |                      |    |                                               |                        |           |                |                            |          |
| PURGE DATE            |            | WATER APPEARANCE / ODOR:                     |                      |    |                                               |                        |           |                |                            |          |
| END OF PURGE<br>TIME  |            | COMMENTS:                                    |                      |    |                                               |                        |           |                |                            |          |
| PURGE<br>AMOUNT       |            |                                              |                      |    |                                               |                        |           |                |                            |          |
| DTW (FEET)            |            |                                              |                      |    |                                               |                        |           |                |                            |          |
| SAMPLING DATA         |            |                                              |                      |    |                                               |                        |           |                |                            |          |
| SAMPLE DATE           | 3/18       | WEATHER CONDITIONS:<br>Sunny 96°F            |                      |    |                                               |                        |           |                |                            |          |
| DTW (FEET)            |            | WATER APPEARANCE / ODOR:<br>Yellow / HC odor |                      |    |                                               |                        |           |                |                            |          |
| SAMPLE TIME           | 10:00      | COMMENTS:<br>DUP collected DUP-3-18-22       |                      |    |                                               |                        |           |                |                            |          |
| SAMPLE LOG            |            |                                              |                      |    |                                               |                        |           |                |                            |          |
| SAMPLE ID<br>WEST LDU |            | CONTAINER TYPE                               | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                        |           |                |                            |          |
|                       |            | 40 ML VOA                                    | 6                    |    | HCL                                           |                        |           |                |                            |          |
|                       |            | 40 ML VOA                                    | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                        |           |                |                            |          |
|                       |            | 1 LITER AMBER                                | 2                    |    | NEAT                                          |                        |           |                |                            |          |
|                       |            | 500 ML AMBER                                 | 1                    |    | NEAT                                          |                        |           |                |                            |          |
|                       |            | 250 ML PLASTIC                               | 1                    |    | HNO <sub>3</sub>                              |                        |           |                |                            |          |
|                       |            | 125 ML PLASTIC FILTERED                      | 1                    |    | HNO <sub>3</sub>                              |                        |           |                |                            |          |
|                       |            | 500 ML PLASTIC                               | 1                    |    | NaOH                                          |                        |           |                |                            |          |
| INSTRUMENTS USED      |            | OIL / WATER INTERFACE PROBE                  |                      |    |                                               |                        |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

| WELL ID              |            | TEST PARAMETERS                                              |                      |    |                                               |                      |           |                |                         |          |
|----------------------|------------|--------------------------------------------------------------|----------------------|----|-----------------------------------------------|----------------------|-----------|----------------|-------------------------|----------|
| BW-5B                |            | Volumes                                                      | TIME                 | pH | Temperature<br>Degrees C                      | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (%) | ORP (mv) |
| GAUGE DATE           | 3/1        | Initial                                                      |                      |    |                                               |                      |           |                |                         |          |
| GAUGE TIME           |            | 1                                                            |                      |    |                                               |                      |           |                |                         |          |
| DHC (FEET)           | NA         | 2                                                            |                      |    |                                               |                      |           |                |                         |          |
| DTW (FEET)           | 10.10      | 3                                                            |                      |    |                                               |                      |           |                |                         |          |
| DTB (FEET)           | 54.35      | 4                                                            |                      |    |                                               |                      |           |                |                         |          |
| DTB - DTW            | 44.25      | 5                                                            |                      |    |                                               |                      |           |                |                         |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                            |                      |    |                                               |                      |           |                |                         |          |
|                      | 0.163 - 2" |                                                              |                      |    |                                               |                      |           |                |                         |          |
| PURGING DATA         |            |                                                              |                      |    |                                               |                      |           |                |                         |          |
| 3 WELL<br>VOLUMES    | 21.63      | WEATHER CONDITIONS:<br>Cloudy 36°F Snow Winds from NE        |                      |    |                                               |                      |           |                |                         |          |
| PURGE DATE           | 3-7-21     | WATER APPEARANCE / ODOR:<br>Clear No odor                    |                      |    |                                               |                      |           |                |                         |          |
| END OF PURGE<br>TIME | 12:45      | COMMENTS:<br>Purged Dry                                      |                      |    |                                               |                      |           |                |                         |          |
| PURGE<br>AMOUNT      | 9.00       |                                                              |                      |    |                                               |                      |           |                |                         |          |
| DTW (FEET)           | DRY        |                                                              |                      |    |                                               |                      |           |                |                         |          |
| SAMPLING DATA        |            |                                                              |                      |    |                                               |                      |           |                |                         |          |
| SAMPLE DATE          | 3-8-22     | WEATHER CONDITIONS:<br>Sunny 35°F                            |                      |    |                                               |                      |           |                |                         |          |
| DTW (FEET)           | 42.32      | WATER APPEARANCE / ODOR:<br>Clear No odor                    |                      |    |                                               |                      |           |                |                         |          |
| SAMPLE TIME          | 9:00       | COMMENTS:                                                    |                      |    |                                               |                      |           |                |                         |          |
| SAMPLE LOG           |            |                                                              |                      |    |                                               |                      |           |                |                         |          |
| SAMPLE ID<br>BW-5B   |            | CONTAINER TYPE                                               | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                      |           |                |                         |          |
|                      |            | 40 ML VOA                                                    | 6                    |    | HCL                                           |                      |           |                |                         |          |
|                      |            | 40 ML VOA                                                    | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                         |          |
|                      |            | 1 LITER AMBER                                                | 2                    |    | NEAT                                          |                      |           |                |                         |          |
|                      |            | 500 ML AMBER                                                 | 1                    |    | NEAT                                          |                      |           |                |                         |          |
|                      |            | 250 ML PLASTIC                                               | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                         |          |
|                      |            | 125 ML PLASTIC FILTERED                                      | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                         |          |
|                      |            | 500 ML PLASTIC                                               | 1                    |    | NaOH                                          |                      |           |                |                         |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE<br>WATER QUALITY/PARAMETER PROBE |                      |    |                                               |                      |           |                |                         |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                           |                      |      |                                               |                      |           |                |                         |          |
|----------------------|------------|-----------------------------------------------------------|----------------------|------|-----------------------------------------------|----------------------|-----------|----------------|-------------------------|----------|
| BW-5C                |            | Volumes                                                   | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (%) | ORP (mv) |
| GAUGE DATE           |            | Initial                                                   | 12:20                | 7.47 | 10.8                                          | 5.57                 | 3677.00   | 3.03           | 3.24                    | -19.1    |
| GAUGE TIME           |            | 1                                                         | 12:25                | 7.49 | 10.8                                          | 5.65                 | 3671.00   | 3.03           | 3.21                    | -23.7    |
| DHC (FEET)           | NA         | 2                                                         | 12:30                | 7.49 | 10.8                                          | 5.64                 | 3680.50   | 3.05           | 3.22                    | -21.8    |
| DTW (FEET)           | 4.00       | 3                                                         |                      |      |                                               |                      |           |                |                         |          |
| DTB (FEET)           | 69.56      | 4                                                         |                      |      |                                               |                      |           |                |                         |          |
| DTB - DTW            | 65.56      | 5                                                         |                      |      |                                               |                      |           |                |                         |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                         |                      |      |                                               |                      |           |                |                         |          |
|                      | 0.163 - 2" |                                                           |                      |      |                                               |                      |           |                |                         |          |
| PURGING DATA         |            |                                                           |                      |      |                                               |                      |           |                |                         |          |
| 3 WELL<br>VOLUMES    | 32.00      | WEATHER CONDITIONS:<br>Cloudy 36°F Snow Winds 8 mph NE    |                      |      |                                               |                      |           |                |                         |          |
| PURGE DATE           | 3-7-22     | WATER APPEARANCE / ODOR:<br>Clear Brown / Smoky / No odor |                      |      |                                               |                      |           |                |                         |          |
| END OF PURGE<br>TIME | 12:35      | COMMENTS:                                                 |                      |      |                                               |                      |           |                |                         |          |
| PURGE<br>AMOUNT      | 32.00      |                                                           |                      |      |                                               |                      |           |                |                         |          |
| DTW (FEET)           | 5.48       |                                                           |                      |      |                                               |                      |           |                |                         |          |
| SAMPLING DATA        |            |                                                           |                      |      |                                               |                      |           |                |                         |          |
| SAMPLE DATE          | 3-8-22     | WEATHER CONDITIONS:<br>Clear 21°F                         |                      |      |                                               |                      |           |                |                         |          |
| DTW (FEET)           | 3.67       | WATER APPEARANCE / ODOR:                                  |                      |      |                                               |                      |           |                |                         |          |
| SAMPLE TIME          | 8:20       | COMMENTS:<br>DUP Collected : DUP-3-8-22                   |                      |      |                                               |                      |           |                |                         |          |
| SAMPLE LOG           |            |                                                           |                      |      |                                               |                      |           |                |                         |          |
| SAMPLE ID            |            | CONTAINER TYPE                                            | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                      |           |                |                         |          |
| BW-5C                |            | 40 ML VOA                                                 | 6                    |      | HCL                                           |                      |           |                |                         |          |
|                      |            | 40 ML VOA                                                 | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                         |          |
|                      |            | 1 LITER AMBER                                             | 2                    |      | NEAT                                          |                      |           |                |                         |          |
|                      |            | 500 ML AMBER                                              | 1                    |      | NEAT                                          |                      |           |                |                         |          |
|                      |            | 250 ML PLASTIC                                            | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                         |          |
|                      |            | 125 ML PLASTIC FILTERED                                   | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                         |          |
|                      |            | 500 ML PLASTIC                                            | 1                    |      | NaOH                                          |                      |           |                |                         |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                               |                      |      |                                               |                      |           |                |                         |          |
|                      |            | WATER QUALITY/PARAMETER PROBE                             |                      |      |                                               |                      |           |                |                         |          |

COMPLETED BY:

SIGNATURE:

## MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS           |                      |      |                                               |                      |           |                |                            |          |
|----------------------|------------|---------------------------|----------------------|------|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| PW-3                 |            | Volumes                   | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           |            | Initial                   | 10:45                | 7.44 | 77.9                                          | 1.56                 | 1014.00   | 0.79           | 4.12                       | 111.3    |
| GAUGE TIME           |            | 1                         |                      |      |                                               |                      |           |                |                            |          |
| DHC (FEET)           |            | 2                         |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           |            | 3                         |                      |      |                                               |                      |           |                |                            |          |
| DTB (FEET)           |            | 4                         |                      |      |                                               |                      |           |                |                            |          |
| DTB - DTW            |            | 5                         |                      |      |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                         |                      |      |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                           |                      |      |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                           |                      |      |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:       |                      |      |                                               |                      |           |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:  |                      |      |                                               |                      |           |                |                            |          |
| END OF<br>PURGE TIME |            | COMMENTS:                 |                      |      |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      |            |                           |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           |            |                           |                      |      |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                           |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE DATE          | 3-9-22     | WEATHER CONDITIONS:       |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           |            | Sunny 30°F 8 mph Winds SE |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE TIME          | 10:40      | WATER APPEARANCE / ODOR:  |                      |      |                                               |                      |           |                |                            |          |
|                      |            | Clear / No odor           |                      |      |                                               |                      |           |                |                            |          |
|                      |            | COMMENTS:                 |                      |      |                                               |                      |           |                |                            |          |
|                      |            | FB collected FB 3-9-22    |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                           |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE            | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                      |           |                |                            |          |
| PW-3                 |            | 40 ML VOA                 | 6                    |      | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                 | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER             | 2                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER              | 1                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC            | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED   | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC            | 1                    |      | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | WATER QUALITY METER       |                      |      |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



## MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS          |                      |      |                                               |                      |           |                |                            |          |
|----------------------|------------|--------------------------|----------------------|------|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| PW-4                 |            | Volumes                  | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           |            | Initial                  | 18:46                | 7.17 | 10.3                                          | 0634                 | 412.10    | 0.31           | 1.57                       | 37.4     |
| GAUGE TIME           |            | 1                        |                      |      |                                               |                      |           |                |                            |          |
| DHC (FEET)           |            | 2                        |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           |            | 3                        |                      |      |                                               |                      |           |                |                            |          |
| DTB (FEET)           |            | 4                        |                      |      |                                               |                      |           |                |                            |          |
| DTB - DTW            |            | 5                        |                      |      |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                        |                      |      |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                          |                      |      |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                          |                      |      |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:      |                      |      |                                               |                      |           |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR: |                      |      |                                               |                      |           |                |                            |          |
| END OF<br>PURGE TIME |            | COMMENTS:                |                      |      |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      |            |                          |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           |            |                          |                      |      |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                          |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE DATE          | 3-9-22     | WEATHER CONDITIONS:      |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           |            | Sunny 30°F               |                      |      |                                               |                      |           |                |                            |          |
|                      |            | WATER APPEARANCE / ODOR: |                      |      |                                               |                      |           |                |                            |          |
|                      |            | Clear No odor            |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE TIME          | 8:35       | COMMENTS:                |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                          |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE           | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                      |           |                |                            |          |
| PW-4                 |            | 40 ML VOA                | 6                    |      | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER            | 2                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER             | 1                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC           | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED  | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC           | 1                    |      | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | WATER QUALITY METER      |                      |      |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS             |                      |    |                                               |                        |           |                |                            |          |
|----------------------|------------|-----------------------------|----------------------|----|-----------------------------------------------|------------------------|-----------|----------------|----------------------------|----------|
| GWM-3                |            | Volumes                     | TIME                 | pH | Temperature<br>Degrees C                      | Conductivity<br>(uS/m) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/1        | Initial                     |                      |    |                                               |                        |           |                |                            |          |
| GAUGE TIME           |            | 1                           |                      |    |                                               |                        |           |                |                            |          |
| DHC (FEET)           | DRY        | 2                           |                      |    |                                               |                        |           |                |                            |          |
| DTW (FEET)           | DRY        | 3                           |                      |    |                                               |                        |           |                |                            |          |
| DTB (FEET)           | 19.15      | 4                           |                      |    |                                               |                        |           |                |                            |          |
| DTB - DTW            | DRY        | 5                           |                      |    |                                               |                        |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                           |                      |    |                                               |                        |           |                |                            |          |
|                      | 0.163 - 2" |                             |                      |    |                                               |                        |           |                |                            |          |
| PURGING DATA         |            |                             |                      |    |                                               |                        |           |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:         |                      |    |                                               |                        |           |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:    |                      |    |                                               |                        |           |                |                            |          |
| END OF PURGE<br>TIME |            | COMMENTS: DRY               |                      |    |                                               |                        |           |                |                            |          |
| PURGE<br>AMOUNT      |            |                             |                      |    |                                               |                        |           |                |                            |          |
| DTW (FEET)           |            |                             |                      |    |                                               |                        |           |                |                            |          |
| SAMPLING DATA        |            |                             |                      |    |                                               |                        |           |                |                            |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:         |                      |    |                                               |                        |           |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:    |                      |    |                                               |                        |           |                |                            |          |
| SAMPLE TIME          |            | COMMENTS:                   |                      |    |                                               |                        |           |                |                            |          |
| SAMPLE LOG           |            |                             |                      |    |                                               |                        |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE              | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                        |           |                |                            |          |
| GWM-3                |            | 40 ML VOA                   | 6                    |    | HCL                                           |                        |           |                |                            |          |
|                      |            | 40 ML VOA                   | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                        |           |                |                            |          |
|                      |            | 1 LITER AMBER               | 2                    |    | NEAT                                          |                        |           |                |                            |          |
|                      |            | 500 ML AMBER                | 1                    |    | NEAT                                          |                        |           |                |                            |          |
|                      |            | 250 ML PLASTIC              | 1                    |    | HNO <sub>3</sub>                              |                        |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED     | 1                    |    | HNO <sub>3</sub>                              |                        |           |                |                            |          |
|                      |            | 500 ML PLASTIC              | 1                    |    | NaOH                                          |                        |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE |                      |    |                                               |                        |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                   |                      |                                               |                          |                        |           |                |                            |          |
|----------------------|------------|-----------------------------------|----------------------|-----------------------------------------------|--------------------------|------------------------|-----------|----------------|----------------------------|----------|
| GWM-2                |            | Volumes                           | TIME                 | pH                                            | Temperature<br>Degrees C | Conductivity<br>(uS/m) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/11       | Initial                           |                      |                                               |                          |                        |           |                |                            |          |
| GAUGE TIME           |            | 1                                 |                      |                                               |                          |                        |           |                |                            |          |
| DHC (FEET)           | DRY        | 2                                 |                      |                                               |                          |                        |           |                |                            |          |
| DTW (FEET)           | DRY        | 3                                 |                      |                                               |                          |                        |           |                |                            |          |
| DTB (FEET)           | 18.08      | 4                                 |                      |                                               |                          |                        |           |                |                            |          |
| DTB - DTW            |            | 5                                 |                      |                                               |                          |                        |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                 |                      |                                               |                          |                        |           |                |                            |          |
|                      | 0.163 - 2" |                                   |                      |                                               |                          |                        |           |                |                            |          |
| PURGING DATA         |            |                                   |                      |                                               |                          |                        |           |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:               |                      |                                               |                          |                        |           |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:          |                      |                                               |                          |                        |           |                |                            |          |
| END OF PURGE<br>TIME |            | COMMENTS:<br><del>WATER</del> DRY |                      |                                               |                          |                        |           |                |                            |          |
| PURGE<br>AMOUNT      |            |                                   |                      |                                               |                          |                        |           |                |                            |          |
| DTW (FEET)           |            |                                   |                      |                                               |                          |                        |           |                |                            |          |
| SAMPLING DATA        |            |                                   |                      |                                               |                          |                        |           |                |                            |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:               |                      |                                               |                          |                        |           |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:          |                      |                                               |                          |                        |           |                |                            |          |
| SAMPLE TIME          |            | COMMENTS:                         |                      |                                               |                          |                        |           |                |                            |          |
| SAMPLE LOG           |            |                                   |                      |                                               |                          |                        |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                    | NUMBER OF CONTAINERS | PRESERVATIVE                                  |                          |                        |           |                |                            |          |
| GWM-2                |            | 40 ML VOA                         | 6                    | HCL                                           |                          |                        |           |                |                            |          |
|                      |            | 40 ML VOA                         | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                          |                        |           |                |                            |          |
|                      |            | 1 LITER AMBER                     | 2                    | NEAT                                          |                          |                        |           |                |                            |          |
|                      |            | 500 ML AMBER                      | 1                    | NEAT                                          |                          |                        |           |                |                            |          |
|                      |            | 250 ML PLASTIC                    | 1                    | HNO <sub>3</sub>                              |                          |                        |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED           | 1                    | HNO <sub>3</sub>                              |                          |                        |           |                |                            |          |
|                      |            | 500 ML PLASTIC                    | 1                    | NaOH                                          |                          |                        |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE       |                      |                                               |                          |                        |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

| WELL ID              |            | TEST PARAMETERS             |                      |    |                                               |                        |           |                |                            |          |
|----------------------|------------|-----------------------------|----------------------|----|-----------------------------------------------|------------------------|-----------|----------------|----------------------------|----------|
| GWM-1                |            | Volumes                     | TIME                 | pH | Temperature<br>Degrees C                      | Conductivity<br>(uS/m) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/1        | Initial                     |                      |    |                                               |                        |           |                |                            |          |
| GAUGE TIME           |            | 1                           |                      |    |                                               |                        |           |                |                            |          |
| DHC (FEET)           | 20.84      | 2                           |                      |    |                                               |                        |           |                |                            |          |
| DTW (FEET)           | 22.10      | 3                           |                      |    |                                               |                        |           |                |                            |          |
| DTB (FEET)           | 24.40      | 4                           |                      |    |                                               |                        |           |                |                            |          |
| DTB - DTW            | 4.30       | 5                           |                      |    |                                               |                        |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                           |                      |    |                                               |                        |           |                |                            |          |
|                      | 0.163 - 2" |                             |                      |    |                                               |                        |           |                |                            |          |
| PURGING DATA         |            |                             |                      |    |                                               |                        |           |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:         |                      |    |                                               |                        |           |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:    |                      |    |                                               |                        |           |                |                            |          |
| END OF PURGE<br>TIME |            | COMMENTS:<br>KAS Product    |                      |    |                                               |                        |           |                |                            |          |
| PURGE<br>AMOUNT      |            |                             |                      |    |                                               |                        |           |                |                            |          |
| DTW (FEET)           |            |                             |                      |    |                                               |                        |           |                |                            |          |
| SAMPLING DATA        |            |                             |                      |    |                                               |                        |           |                |                            |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:         |                      |    |                                               |                        |           |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:    |                      |    |                                               |                        |           |                |                            |          |
| SAMPLE TIME          |            | COMMENTS:                   |                      |    |                                               |                        |           |                |                            |          |
| SAMPLE LOG           |            |                             |                      |    |                                               |                        |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE              | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                        |           |                |                            |          |
| GWM-1                |            | 40 ML VOA                   | 6                    |    | HCL                                           |                        |           |                |                            |          |
|                      |            | 40 ML VOA                   | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                        |           |                |                            |          |
|                      |            | 1 LITER AMBER               | 2                    |    | NEAT                                          |                        |           |                |                            |          |
|                      |            | 500 ML AMBER                | 1                    |    | NEAT                                          |                        |           |                |                            |          |
|                      |            | 250 ML PLASTIC              | 1                    |    | HNO <sub>3</sub>                              |                        |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED     | 1                    |    | HNO <sub>3</sub>                              |                        |           |                |                            |          |
|                      |            | 500 ML PLASTIC              | 1                    |    | NaOH                                          |                        |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE |                      |    |                                               |                        |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS          |                      |    |                                               |                        |           |                |                            |          |
|----------------------|------------|--------------------------|----------------------|----|-----------------------------------------------|------------------------|-----------|----------------|----------------------------|----------|
| NAPI INLET           |            | Volumes                  | TIME                 | pH | Temperature<br>Degrees C                      | Conductivity<br>(uS/m) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mV) |
| GAUGE DATE           |            | Initial                  |                      |    |                                               |                        |           |                |                            |          |
| GAUGE TIME           |            | 1                        |                      |    |                                               |                        |           |                |                            |          |
| DHC (FEET)           |            | 2                        |                      |    |                                               |                        |           |                |                            |          |
| DTW (FEET)           |            | 3                        |                      |    |                                               |                        |           |                |                            |          |
| DTB (FEET)           |            | 4                        |                      |    |                                               |                        |           |                |                            |          |
| DTB - DTW            |            | 5                        |                      |    |                                               |                        |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                        |                      |    |                                               |                        |           |                |                            |          |
|                      | 0.163 - 2" |                          |                      |    |                                               |                        |           |                |                            |          |
| PURGING DATA         |            |                          |                      |    |                                               |                        |           |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:      |                      |    |                                               |                        |           |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR: |                      |    |                                               |                        |           |                |                            |          |
| END OF PURGE<br>TIME |            | COMMENTS: Can Not Get    |                      |    |                                               |                        |           |                |                            |          |
| PURGE<br>AMOUNT      |            |                          |                      |    |                                               |                        |           |                |                            |          |
| DTW (FEET)           |            |                          |                      |    |                                               |                        |           |                |                            |          |
| SAMPLING DATA        |            |                          |                      |    |                                               |                        |           |                |                            |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:      |                      |    |                                               |                        |           |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR: |                      |    |                                               |                        |           |                |                            |          |
| SAMPLE TIME          |            | COMMENTS:                |                      |    |                                               |                        |           |                |                            |          |
| SAMPLE LOG           |            |                          |                      |    |                                               |                        |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE           | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                        |           |                |                            |          |
| NAPI INLET           |            | 40 ML VOA                | 6                    |    | HCL                                           |                        |           |                |                            |          |
|                      |            | 40 ML VOA                | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                        |           |                |                            |          |
|                      |            | 1 LITER AMBER            | 2                    |    | NEAT                                          |                        |           |                |                            |          |
|                      |            | 500 ML AMBER             | 1                    |    | NEAT                                          |                        |           |                |                            |          |
|                      |            | 250 ML PLASTIC           | 1                    |    | HNO <sub>3</sub>                              |                        |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED  | 1                    |    | HNO <sub>3</sub>                              |                        |           |                |                            |          |
|                      |            | 500 ML PLASTIC           | 1                    |    | NaOH                                          |                        |           |                |                            |          |
| INSTRUMENTS USED     |            | WATER QUALITY METER      |                      |    |                                               |                        |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

| WELL ID              |            | TEST PARAMETERS             |                      |    |                                               |                        |           |                |                            |          |
|----------------------|------------|-----------------------------|----------------------|----|-----------------------------------------------|------------------------|-----------|----------------|----------------------------|----------|
| OIL SUMP LDU         |            | Volumes                     | TIME                 | pH | Temperature<br>Degrees C                      | Conductivity<br>(uS/m) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           |            | Initial                     |                      |    |                                               |                        |           |                |                            |          |
| GAUGE TIME           |            | 1                           |                      |    |                                               |                        |           |                |                            |          |
| DHC (FEET)           |            | 2                           |                      |    |                                               |                        |           |                |                            |          |
| DTW (FEET)           |            | 3                           |                      |    |                                               |                        |           |                |                            |          |
| DTB (FEET)           |            | 4                           |                      |    |                                               |                        |           |                |                            |          |
| DTB - DTW            |            | 5                           |                      |    |                                               |                        |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                           |                      |    |                                               |                        |           |                |                            |          |
|                      | 0.163 - 2" |                             |                      |    |                                               |                        |           |                |                            |          |
| PURGING DATA         |            |                             |                      |    |                                               |                        |           |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:         |                      |    |                                               |                        |           |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:    |                      |    |                                               |                        |           |                |                            |          |
| END OF PURGE<br>TIME |            | COMMENTS:                   |                      |    |                                               |                        |           |                |                            |          |
| PURGE<br>AMOUNT      |            |                             |                      |    |                                               |                        |           |                |                            |          |
| DTW (FEET)           |            |                             |                      |    |                                               |                        |           |                |                            |          |
| SAMPLING DATA        |            |                             |                      |    |                                               |                        |           |                |                            |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:         |                      |    |                                               |                        |           |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:    |                      |    |                                               |                        |           |                |                            |          |
| SAMPLE TIME          |            | COMMENTS:                   |                      |    |                                               |                        |           |                |                            |          |
| SAMPLE LOG           |            |                             |                      |    |                                               |                        |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE              | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                        |           |                |                            |          |
| OIL SUMP LDU         |            | 40 ML VOA                   | 6                    |    | HCL                                           |                        |           |                |                            |          |
|                      |            | 40 ML VOA                   | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                        |           |                |                            |          |
|                      |            | 1 LITER AMBER               | 2                    |    | NEAT                                          |                        |           |                |                            |          |
|                      |            | 500 ML AMBER                | 1                    |    | NEAT                                          |                        |           |                |                            |          |
|                      |            | 250 ML PLASTIC              | 1                    |    | HNO <sub>3</sub>                              |                        |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED     | 1                    |    | HNO <sub>3</sub>                              |                        |           |                |                            |          |
|                      |            | 500 ML PLASTIC              | 1                    |    | NaOH                                          |                        |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE |                      |    |                                               |                        |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



| MARATHON GALLUP REFINERY |            |                               |                      |    |                                               |                      |           |                |                         |          |
|--------------------------|------------|-------------------------------|----------------------|----|-----------------------------------------------|----------------------|-----------|----------------|-------------------------|----------|
| FIRST QUARTER 2022       |            |                               |                      |    |                                               |                      |           |                |                         |          |
| WELL ID                  |            | TEST PARAMETERS               |                      |    |                                               |                      |           |                |                         |          |
| RW-1                     |            | Volumes                       | TIME                 | pH | Temperature<br>Degrees C                      | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (%) | ORP (mv) |
| GAUGE DATE               | 3/2        | Initial                       |                      |    |                                               |                      |           |                |                         |          |
| GAUGE TIME               |            | 1                             |                      |    |                                               |                      |           |                |                         |          |
| DHC (FEET)               | 30.01      | 2                             |                      |    |                                               |                      |           |                |                         |          |
| DTW (FEET)               | 32.03      | 3                             |                      |    |                                               |                      |           |                |                         |          |
| DTB (FEET)               | 43.45      | 4                             |                      |    |                                               |                      |           |                |                         |          |
| DTB - DTW                | 11.42      | 5                             |                      |    |                                               |                      |           |                |                         |          |
| CAPACITY PER<br>FOOT     | 0.653 - 4" | 6                             |                      |    |                                               |                      |           |                |                         |          |
|                          | 0.163 - 2" |                               |                      |    |                                               |                      |           |                |                         |          |
| PURGING DATA             |            |                               |                      |    |                                               |                      |           |                |                         |          |
| 3 WELL<br>VOLUMES        |            | WEATHER CONDITIONS:           |                      |    |                                               |                      |           |                |                         |          |
| PURGE DATE               |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                      |           |                |                         |          |
| END OF<br>PURGE TIME     |            | COMMENTS:                     |                      |    |                                               |                      |           |                |                         |          |
| PURGE<br>AMOUNT          |            |                               |                      |    |                                               |                      |           |                |                         |          |
| DTW (FEET)               |            |                               |                      |    |                                               |                      |           |                |                         |          |
| SAMPLING DATA            |            |                               |                      |    |                                               |                      |           |                |                         |          |
| SAMPLE DATE              |            | WEATHER CONDITIONS:           |                      |    |                                               |                      |           |                |                         |          |
| DTW (FEET)               |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                      |           |                |                         |          |
| SAMPLE TIME              |            | COMMENTS:                     |                      |    |                                               |                      |           |                |                         |          |
| SAMPLE LOG               |            |                               |                      |    |                                               |                      |           |                |                         |          |
| SAMPLE ID                |            | CONTAINER TYPE                | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                      |           |                |                         |          |
| RW-1                     |            | 40 ML VOA                     | 6                    |    | HCL                                           |                      |           |                |                         |          |
|                          |            | 40 ML VOA                     | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                         |          |
|                          |            | 1 LITER AMBER                 | 2                    |    | NEAT                                          |                      |           |                |                         |          |
|                          |            | 500 ML AMBER                  | 1                    |    | NEAT                                          |                      |           |                |                         |          |
|                          |            | 250 ML PLASTIC                | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                         |          |
|                          |            | 125 ML PLASTIC FILTERED       | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                         |          |
|                          |            | 500 ML PLASTIC                | 1                    |    | NaOH                                          |                      |           |                |                         |          |
| INSTRUMENTS USED         |            | OIL / WATER INTERFACE PROBE   |                      |    |                                               |                      |           |                |                         |          |
|                          |            | WATER QUALITY/PARAMETER PROBE |                      |    |                                               |                      |           |                |                         |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |      |    |                          |                      |           |                |                         |          |
|----------------------|------------|-----------------|------|----|--------------------------|----------------------|-----------|----------------|-------------------------|----------|
| RW-2R                |            | Volumes         | TIME | pH | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (%) | ORP (mv) |
| GAUGE DATE           | 3/2        | Initial         |      |    |                          |                      |           |                |                         |          |
| GAUGE TIME           |            | 1               |      |    |                          |                      |           |                |                         |          |
| DHC (FEET)           | 22.44      | 2               |      |    |                          |                      |           |                |                         |          |
| DTW (FEET)           | 24.84      | 3               |      |    |                          |                      |           |                |                         |          |
| DTB (FEET)           | 31.50      | 4               |      |    |                          |                      |           |                |                         |          |
| DTB - DTW            | 6.66       | 5               |      |    |                          |                      |           |                |                         |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6               |      |    |                          |                      |           |                |                         |          |
|                      | 0.163 - 2" |                 |      |    |                          |                      |           |                |                         |          |

## PURGING DATA

|                      |  |                          |
|----------------------|--|--------------------------|
| 3 WELL<br>VOLUMES    |  | WEATHER CONDITIONS:      |
| PURGE DATE           |  | WATER APPEARANCE / ODOR: |
| END OF<br>PURGE TIME |  | COMMENTS:                |
| PURGE<br>AMOUNT      |  |                          |
| DTW (FEET)           |  |                          |

## SAMPLING DATA

|             |  |                          |
|-------------|--|--------------------------|
| SAMPLE DATE |  | WEATHER CONDITIONS:      |
| DTW (FEET)  |  | WATER APPEARANCE / ODOR: |
| SAMPLE TIME |  | COMMENTS:                |

## SAMPLE LOG

| SAMPLE ID |   | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|---|-------------------------|----------------------|-----------------------------------------------|
| RW-2R     |   | 40 ML VOA               | 6                    | HCL                                           |
| ↓         | ↓ | 40 ML VOA               | 2                    | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           |   | 1 LITER AMBER           | 2                    | NEAT                                          |
|           |   | 500 ML AMBER            | 1                    | NEAT                                          |
|           |   | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           |   | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | ↓ | 500 ML PLASTIC          | 1                    | NaOH                                          |

|                  |                               |
|------------------|-------------------------------|
| INSTRUMENTS USED | OIL / WATER INTERFACE PROBE   |
|                  | WATER QUALITY/PARAMETER PROBE |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |      |    |                          |                      |           |                |                         |          |
|----------------------|------------|-----------------|------|----|--------------------------|----------------------|-----------|----------------|-------------------------|----------|
| RW-5                 |            | Volumes         | TIME | pH | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (%) | ORP (mv) |
| GAUGE DATE           | 3/2        | Initial         |      |    |                          |                      |           |                |                         |          |
| GAUGE TIME           |            | 1               |      |    |                          |                      |           |                |                         |          |
| DHC (FEET)           | 30.30      | 2               |      |    |                          |                      |           |                |                         |          |
| DTW (FEET)           | 32.65      | 3               |      |    |                          |                      |           |                |                         |          |
| DTB (FEET)           | 39.50      | 4               |      |    |                          |                      |           |                |                         |          |
| DTB - DTW            | 6.85       | 5               |      |    |                          |                      |           |                |                         |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6               |      |    |                          |                      |           |                |                         |          |
|                      | 0.163 - 2" |                 |      |    |                          |                      |           |                |                         |          |

## PURGING DATA

|                      |  |                          |
|----------------------|--|--------------------------|
| 3 WELL<br>VOLUMES    |  | WEATHER CONDITIONS:      |
| PURGE DATE           |  | WATER APPEARANCE / ODOR: |
| END OF<br>PURGE TIME |  | COMMENTS:                |
| PURGE<br>AMOUNT      |  |                          |
| DTW (FEET)           |  |                          |

## SAMPLING DATA

|             |  |                          |
|-------------|--|--------------------------|
| SAMPLE DATE |  | WEATHER CONDITIONS:      |
| DTW (FEET)  |  | WATER APPEARANCE / ODOR: |
| SAMPLE TIME |  | COMMENTS:                |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
| RW-5      | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

|                  |                               |
|------------------|-------------------------------|
| INSTRUMENTS USED | OIL / WATER INTERFACE PROBE   |
|                  | WATER QUALITY/PARAMETER PROBE |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

| MARATHON GALLUP REFINERY |            |                               |                      |    |                                               |                      |           |                |                         |          |
|--------------------------|------------|-------------------------------|----------------------|----|-----------------------------------------------|----------------------|-----------|----------------|-------------------------|----------|
| FIRST QUARTER 2022       |            |                               |                      |    |                                               |                      |           |                |                         |          |
| WELL ID                  |            | TEST PARAMETERS               |                      |    |                                               |                      |           |                |                         |          |
| RW-6                     |            | Volumes                       | TIME                 | pH | Temperature<br>Degrees C                      | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (%) | ORP (mv) |
| GAUGE DATE               | 312        | Initial                       |                      |    |                                               |                      |           |                |                         |          |
| GAUGE TIME               |            | 1                             |                      |    |                                               |                      |           |                |                         |          |
| DHC (FEET)               | 30.38      | 2                             |                      |    |                                               |                      |           |                |                         |          |
| DTW (FEET)               | 33.11      | 3                             |                      |    |                                               |                      |           |                |                         |          |
| DTB (FEET)               | 40.85      | 4                             |                      |    |                                               |                      |           |                |                         |          |
| DTB - DTW                | 7.84       | 5                             |                      |    |                                               |                      |           |                |                         |          |
| CAPACITY PER<br>FOOT     | 0.653 - 4" | 6                             |                      |    |                                               |                      |           |                |                         |          |
|                          | 0.163 - 2" |                               |                      |    |                                               |                      |           |                |                         |          |
| PURGING DATA             |            |                               |                      |    |                                               |                      |           |                |                         |          |
| 3 WELL<br>VOLUMES        |            | WEATHER CONDITIONS:           |                      |    |                                               |                      |           |                |                         |          |
| PURGE DATE               |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                      |           |                |                         |          |
| END OF<br>PURGE TIME     |            | COMMENTS:                     |                      |    |                                               |                      |           |                |                         |          |
| PURGE<br>AMOUNT          |            |                               |                      |    |                                               |                      |           |                |                         |          |
| DTW (FEET)               |            |                               |                      |    |                                               |                      |           |                |                         |          |
| SAMPLING DATA            |            |                               |                      |    |                                               |                      |           |                |                         |          |
| SAMPLE DATE              |            | WEATHER CONDITIONS:           |                      |    |                                               |                      |           |                |                         |          |
| DTW (FEET)               |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                      |           |                |                         |          |
| SAMPLE TIME              |            | COMMENTS:                     |                      |    |                                               |                      |           |                |                         |          |
| SAMPLE LOG               |            |                               |                      |    |                                               |                      |           |                |                         |          |
| SAMPLE ID                |            | CONTAINER TYPE                | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                      |           |                |                         |          |
| RW-6                     |            | 40 ML VOA                     | 6                    |    | HCL                                           |                      |           |                |                         |          |
|                          |            | 40 ML VOA                     | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                         |          |
|                          |            | 1 LITER AMBER                 | 2                    |    | NEAT                                          |                      |           |                |                         |          |
|                          |            | 500 ML AMBER                  | 1                    |    | NEAT                                          |                      |           |                |                         |          |
|                          |            | 250 ML PLASTIC                | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                         |          |
|                          |            | 125 ML PLASTIC FILTERED       | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                         |          |
|                          |            | 500 ML PLASTIC                | 1                    |    | NaOH                                          |                      |           |                |                         |          |
| INSTRUMENTS USED         |            | OIL / WATER INTERFACE PROBE   |                      |    |                                               |                      |           |                |                         |          |
|                          |            | WATER QUALITY/PARAMETER PROBE |                      |    |                                               |                      |           |                |                         |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

| WELL ID              |            | TEST PARAMETERS                             |                      |      |                                               |                      |           |                |                            |          |
|----------------------|------------|---------------------------------------------|----------------------|------|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| OW-1                 |            | Volumes                                     | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/11       | Initial                                     | 10:47                | 8.79 | 11.7                                          | 1.47                 | 955.50    | 0.74           | 1.34                       | 719.7    |
| GAUGE TIME           |            | 1                                           | 10:53                |      |                                               |                      |           |                |                            |          |
| DHC (FEET)           | NA         | 2                                           | 10:59                |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 1.76       | 3                                           |                      |      |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 91.91      | 4                                           |                      |      |                                               |                      |           |                |                            |          |
| DTB - DTW            | 90.15      | 5                                           |                      |      |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                           |                      |      |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                                             |                      |      |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                                             |                      |      |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    | 176.50     | WEATHER CONDITIONS:<br>Sunny 40°F 12 mph NW |                      |      |                                               |                      |           |                |                            |          |
| PURGE DATE           | 3/14       | WATER APPEARANCE / ODOR:<br>Clear / no odor |                      |      |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME | 11:00      | COMMENTS:                                   |                      |      |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      | 176.50     |                                             |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 88.43      |                                             |                      |      |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                                             |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE DATE          | 3/15       | WEATHER CONDITIONS:<br>Sunny 45°F           |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 34.15      | WATER APPEARANCE / ODOR:<br>Clear No odor   |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE TIME          | 9:00       | COMMENTS:<br>DUP collected Dup 3-15-22      |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                                             |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                              | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                      |           |                |                            |          |
| OW-1                 |            | 40 ML VOA                                   | 6                    |      | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                                   | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER                               | 2                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                                | 1                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC                              | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                     | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC                              | 1                    |      | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | WATER LEVEL PROBE                           |                      |      |                                               |                      |           |                |                            |          |
|                      |            | WATER QUALITY METER                         |                      |      |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                           |                      |      |                                               |                      |           |                |                            |          |
|----------------------|------------|-------------------------------------------|----------------------|------|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| OW-10                |            | Volumes                                   | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           |            | Initial                                   | 11:57                | 7.45 | 9.7                                           | 3.38                 | 2197.00   | 1.78           | 2.70                       | 129.2    |
| GAUGE TIME           |            | 1                                         | 11:42                | 7.44 | 9.6                                           | 3.35                 | 2201.00   | 1.80           | 2.68                       | 130.5    |
| DHC (FEET)           | NA         | 2                                         | 11:47                | 7.44 | 9.4                                           | 3.37                 | 2196.50   | 1.77           | 2.71                       | 128.9    |
| DTW (FEET)           | 7.41       | 3                                         |                      |      |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 64.85      | 4                                         |                      |      |                                               |                      |           |                |                            |          |
| DTB - DTW            | 57.44      | 5                                         |                      |      |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                         |                      |      |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                                           |                      |      |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                                           |                      |      |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    | 112.50     | WEATHER CONDITIONS:<br>Cloudy 36°F / snow |                      |      |                                               |                      |           |                |                            |          |
| PURGE DATE           | 3-7-22     | WATER APPEARANCE / ODOR:<br>Clear No odor |                      |      |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME | 11:50      | COMMENTS:                                 |                      |      |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      | 115.00     |                                           |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 7.45       |                                           |                      |      |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                                           |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE DATE          | 3-8-22     | WEATHER CONDITIONS:<br>Sunny 30°F         |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:<br>clear No odor |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE TIME          | 11:06      | COMMENTS:                                 |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                                           |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                            | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                      |           |                |                            |          |
| OW-10                |            | 40 ML VOA                                 | 6                    |      | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                                 | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER                             | 2                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                              | 1                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC                            | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                   | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC                            | 1                    |      | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | WATER LEVEL PROBE                         |                      |      |                                               |                      |           |                |                            |          |
|                      |            | WATER QUALITY METER                       |                      |      |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



| WELL ID              |            | TEST PARAMETERS                                     |                      |      |                                               |                      |           |                |                            |          |
|----------------------|------------|-----------------------------------------------------|----------------------|------|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| OW-12A               |            | Volumes                                             | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/2        | Initial                                             | 2:24                 | 7.07 | 13.0                                          | 4.02                 | 2619.50   | 2.15           | 0.17                       | -48.7    |
| GAUGE TIME           |            | 1                                                   | 2:27                 | 7.10 | 13.3                                          | 4.06                 | 2639.00   | 2.17           | 0.15                       | -43.6    |
| DHC (FEET)           | N4         | 2                                                   | 8:33                 | 7.08 | 12.9                                          | 4.14                 | 2611.50   | 2.21           | 0.16                       | -46.6    |
| DTW (FEET)           | 25.66      | 3                                                   |                      |      |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 33.50      | 4                                                   |                      |      |                                               |                      |           |                |                            |          |
| DTB - DTW            | 7.84       | 5                                                   |                      |      |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                   |                      |      |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                                                     |                      |      |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                                                     |                      |      |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    | 3.83       | WEATHER CONDITIONS:<br>Cloudy / Snow 43°F 19 mph NW |                      |      |                                               |                      |           |                |                            |          |
| PURGE DATE           | 3/21       | WATER APPEARANCE / ODOR:<br>Clear / no odor         |                      |      |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME | 8:35       | COMMENTS:                                           |                      |      |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      | 3.85       |                                                     |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 32.22      |                                                     |                      |      |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                                                     |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE DATE          | 3/22       | WEATHER CONDITIONS:<br>Sunny 30°F 14 mph N wind     |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 29.80      | WATER APPEARANCE / ODOR:<br>Clear / no odor         |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE TIME          | 9:15       | COMMENTS:                                           |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                                                     |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                                      | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                      |           |                |                            |          |
| OW-12A               |            | 40 ML VOA                                           | 6                    |      | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                                           | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER                                       | 2                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                                        | 1                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC                                      | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                             | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC                                      | 1                    |      | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                         |                      |      |                                               |                      |           |                |                            |          |
|                      |            | WATER QUALITY METER                                 |                      |      |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

| WELL ID              |            | TEST PARAMETERS                                  |                      |      |                                               |                      |           |                |                            |          |
|----------------------|------------|--------------------------------------------------|----------------------|------|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| OW-13                |            | Volumes                                          | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/2        | Initial                                          | 3:53                 | 8.13 | 13.3                                          | 0.71                 | 461.50    | 0.95           | 0.07                       | 105.4    |
| GAUGE TIME           |            | 1                                                | 3:57                 | 8.14 | 13.0                                          | 1.19                 | 773.80    | 0.60           | 0.06                       | 91.2     |
| DHC (FEET)           | —          | 2                                                | 4:05                 | 8.14 | 12.7                                          | 1.05                 | 789.50    | 0.70           | 0.57                       | 91.2     |
| DTW (FEET)           | 20.85      | 3                                                |                      |      |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 161.70     | 4                                                |                      |      |                                               |                      |           |                |                            |          |
| DTB - DTW            | 80.85      | 5                                                |                      |      |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                |                      |      |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                                                  |                      |      |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                                                  |                      |      |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    | 158.06     | WEATHER CONDITIONS:<br>Sunny 46°F 15 mph winds N |                      |      |                                               |                      |           |                |                            |          |
| PURGE DATE           | 3/22       | WATER APPEARANCE / ODOR:<br>Clear / No odor      |                      |      |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME | 4:05       | COMMENTS:                                        |                      |      |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      | 158        |                                                  |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 24.83      |                                                  |                      |      |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                                                  |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE DATE          | 3/27       | WEATHER CONDITIONS:<br>Sunny 30°F 6 mph NW       |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 22.32      | WATER APPEARANCE / ODOR:<br>Clear / No odor      |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE TIME          | 9:30       | COMMENTS:                                        |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                                                  |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                                   | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                      |           |                |                            |          |
| OW-13                |            | 40 ML VOA                                        | 6                    |      | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                                        | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER                                    | 2                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                                     | 1                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC                                   | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                          | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC                                   | 1                    |      | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | WATER LEVEL PROBE                                |                      |      |                                               |                      |           |                |                            |          |
|                      |            | WATER QUALITY METER                              |                      |      |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                             |                      |      |                                               |                      |           |                |                            |          |
|----------------------|------------|---------------------------------------------|----------------------|------|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| OW-14                |            | Volumes                                     | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/1        | Initial                                     | 4:10                 | 7.21 | 13.5                                          | 1.60                 | 1040.00   | 0.81           | 1.80                       | -75.8    |
| GAUGE TIME           |            | 1                                           | 4:14                 | 7.73 | 13.3                                          | 1.60                 | 1040.00   | 0.81           | 1.93                       | -75.1    |
| DHC (FEET)           | —          | 2                                           | 4:19                 | 7.19 | 13.3                                          | 1.57                 | 1029.50   | 0.80           | 1.85                       | -77.7    |
| DTW (FEET)           | 22.76      | 3                                           |                      |      |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 48.41      | 4                                           |                      |      |                                               |                      |           |                |                            |          |
| DTB - DTW            | 25.65      | 5                                           |                      |      |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                           |                      |      |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                                             |                      |      |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                                             |                      |      |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    | 56         | WEATHER CONDITIONS:<br>Sunny 43°F           |                      |      |                                               |                      |           |                |                            |          |
| PURGE DATE           | 3/23       | WATER APPEARANCE / ODOR:<br>Clear / No odor |                      |      |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME | 4:20       | COMMENTS:                                   |                      |      |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      | 56.00      |                                             |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 29.13      |                                             |                      |      |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                                             |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE DATE          | 3/24       | WEATHER CONDITIONS:<br>Sunny 43°F           |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 29.10      | WATER APPEARANCE / ODOR:<br>Clear / No odor |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE TIME          | 10:30      | COMMENTS:                                   |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                                             |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                              | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                      |           |                |                            |          |
| OW-14                |            | 40 ML VOA                                   | 6                    |      | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                                   | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER                               | 2                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                                | 1                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC                              | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                     | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC                              | 1                    |      | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | WATER LEVEL PROBE                           |                      |      |                                               |                      |           |                |                            |          |
|                      |            | WATER QUALITY METER                         |                      |      |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                              |                      |      |                                               |                      |           |                |                            |          |
|----------------------|------------|----------------------------------------------|----------------------|------|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| OW-30                |            | Volumes                                      | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/1        | Initial                                      | 1:36                 | 7.15 | 12.1                                          | 1.97                 | 1280.50   | 1.01           | 6.88                       | -7.2     |
| GAUGE TIME           |            | 1                                            | 1:35                 | 7.26 | 11.6                                          | 1.96                 | 1274.00   | 1.00           | 2.71                       | 5.2      |
| DHC (FEET)           | —          | 2                                            | 1:34                 | 7.30 | 11.00                                         | 2.01                 | 1256.50   | .98            | 2.90                       | 3.5      |
| DTW (FEET)           | 21.95      | 3                                            |                      |      |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 50.00      | 4                                            |                      |      |                                               |                      |           |                |                            |          |
| DTB - DTW            |            | 5                                            |                      |      |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                            |                      |      |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                                              |                      |      |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                                              |                      |      |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    | 55         | WEATHER CONDITIONS:<br>Sunny 46°F 19 NW Wind |                      |      |                                               |                      |           |                |                            |          |
| PURGE DATE           | 3/23       | WATER APPEARANCE / ODOR:<br>Clear / No odor  |                      |      |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME | 1:40       | COMMENTS:                                    |                      |      |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      | 55         |                                              |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 24.96      |                                              |                      |      |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                                              |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE DATE          | 3/23       | WEATHER CONDITIONS:<br>Sunny 36°F            |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 21.90      | WATER APPEARANCE / ODOR:<br>Clear / No odor  |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE TIME          | 8:55       | COMMENTS:<br>Dup collected - Dup 3-24-22     |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                                              |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                               | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                      |           |                |                            |          |
| OW-30                |            | 40 ML VOA                                    | 6                    |      | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                                    | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER                                | 2                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                                 | 1                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC                               | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                      | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC                               | 1                    |      | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | WATER LEVEL PROBE                            |                      |      |                                               |                      |           |                |                            |          |
|                      |            | WATER QUALITY METER                          |                      |      |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

| WELL ID              |            | TEST PARAMETERS                             |                      |      |                                               |                      |           |                |                            |          |
|----------------------|------------|---------------------------------------------|----------------------|------|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| OW-50                |            | Volumes                                     | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/2        | Initial                                     | 1:05                 | 8.25 | 11.3                                          | 1.03                 | 702.00    | 0.54           | 2.16                       | 113.0    |
| GAUGE TIME           |            | 1                                           | 1:09                 | 8.22 | 11.9                                          | 1.90                 | 702.00    | 0.54           | 1.87                       | 90.5     |
| DHC (FEET)           | NA         | 2                                           | 1:13                 | 8.22 | 11.3                                          | 1.10                 | 745.00    | 0.55           | 2.03                       | 99.6     |
| DTW (FEET)           | 14.90      | 3                                           |                      |      |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 63.39      | 4                                           |                      |      |                                               |                      |           |                |                            |          |
| DTB - DTW            | 48.49      | 5                                           |                      |      |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                           |                      |      |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                                             |                      |      |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                                             |                      |      |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    | 24.00      | WEATHER CONDITIONS:<br>Cloudy 37°F Snow     |                      |      |                                               |                      |           |                |                            |          |
| PURGE DATE           | 3-7-22     | WATER APPEARANCE / ODOR:<br>Clear / no odor |                      |      |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME | 1:15       | COMMENTS:                                   |                      |      |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      | 24.00      |                                             |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 15.49      |                                             |                      |      |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                                             |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE DATE          | 3-8-22     | WEATHER CONDITIONS:<br>Sunny 48°F           |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:<br>Clear / no odor |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE TIME          | 9:25       | COMMENTS:                                   |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                                             |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                              | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                      |           |                |                            |          |
| OW-50                |            | 40 ML VOA                                   | 6                    |      | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                                   | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER                               | 2                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                                | 1                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC                              | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                     | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC                              | 1                    |      | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | WATER LEVEL PROBE                           |                      |      |                                               |                      |           |                |                            |          |
|                      |            | WATER QUALITY METER                         |                      |      |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



## MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |                 |                 |                          |                      |                   |                 |                            |                 |
|----------------------|------------|-----------------|-----------------|-----------------|--------------------------|----------------------|-------------------|-----------------|----------------------------|-----------------|
| OW-52                |            | Volumes         | TIME            | pH              | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L)         | Salinity (ppt)  | Dissolved<br>Oxygen (mg/L) | ORP (mv)        |
| GAUGE DATE           | 3/2        | Initial         | <del>1:35</del> | <del>8.23</del> | <del>10.2</del>          | <del>0.91</del>      | <del>548.00</del> | <del>0.45</del> | <del>2.45</del>            | <del>35.4</del> |
| GAUGE TIME           |            | 1               | 1:35            | 8.23            | 10.2                     | 0.92                 | 548.00            | 0.46            | 2.45                       | 35.4            |
| DHC (FEET)           | NA         | 2               | 1:39            | 8.22            | 10.3                     | 0.95                 | 547.50            | 0.44            | 2.45                       | 35.1            |
| DTW (FEET)           | 14.35      | 3               | 1:44            | 8.22            | 10.1                     | 0.98                 | 548.56            | 0.44            | 2.45                       | 35.2            |
| DTB (FEET)           | 75.55      | 4               |                 |                 |                          |                      |                   |                 |                            |                 |
| DTB - DTW            | 60.65      | 5               |                 |                 |                          |                      |                   |                 |                            |                 |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6               |                 |                 |                          |                      |                   |                 |                            |                 |
|                      | 0.163 - 2" |                 |                 |                 |                          |                      |                   |                 |                            |                 |

## PURGING DATA

|                      |        |                                                         |
|----------------------|--------|---------------------------------------------------------|
| 3 WELL<br>VOLUMES    | 30.00  | WEATHER CONDITIONS:<br>Cloudy 37°F Snow 12 mph NE winds |
| PURGE DATE           | 3-7-22 | WATER APPEARANCE / ODOR:<br>Clear / No odor             |
| END OF PURGE<br>TIME | 1:45   | COMMENTS:                                               |
| PURGE<br>AMOUNT      | 30.00  |                                                         |
| DTW (FEET)           | 16.68  |                                                         |

## SAMPLING DATA

|             |        |                                             |
|-------------|--------|---------------------------------------------|
| SAMPLE DATE | 3-8-22 | WEATHER CONDITIONS:<br>Clear 46°F           |
| DTW (FEET)  | 55.23  | WATER APPEARANCE / ODOR:<br>Clear / No odor |
| SAMPLE TIME | 9:50   | COMMENTS:                                   |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
| OW-52     | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

|                  |                     |
|------------------|---------------------|
| INSTRUMENTS USED | WATER LEVEL PROBE   |
|                  | WATER QUALITY METER |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



## MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS             |                      |    |                                               |                      |           |                |                            |          |
|----------------------|------------|-----------------------------|----------------------|----|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| OW-53                |            | Volumes                     | TIME                 | pH | Temperature<br>Degrees C                      | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/2        | Initial                     |                      |    |                                               |                      |           |                |                            |          |
| GAUGE TIME           |            | 1                           |                      |    |                                               |                      |           |                |                            |          |
| DHC (FEET)           | —          | 2                           |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           | DRY        | 3                           |                      |    |                                               |                      |           |                |                            |          |
| DTB (FEET)           |            | 4                           |                      |    |                                               |                      |           |                |                            |          |
| DTB - DTW            |            | 5                           |                      |    |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                           |                      |    |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                             |                      |    |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                             |                      |    |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:         |                      |    |                                               |                      |           |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:    |                      |    |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME |            | COMMENTS: DRY               |                      |    |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      |            |                             |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |            |                             |                      |    |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                             |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:         |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:    |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE TIME          |            | COMMENTS:                   |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                             |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE              | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                      |           |                |                            |          |
| OW-53                |            | 40 ML VOA                   | 6                    |    | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                   | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER               | 2                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                | 1                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC              | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED     | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC              | 1                    |    | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE |                      |    |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

| WELL ID              |            | TEST PARAMETERS                                  |                      |      |                                               |                      |           |                |                            |          |
|----------------------|------------|--------------------------------------------------|----------------------|------|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| OW-54                |            | Volumes                                          | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/2        | Initial                                          | 1:00                 | 7.17 | 12.0                                          | 1.75                 | 1137.50   | 0.89           | 6.13                       | 56.8     |
| GAUGE TIME           |            | 1                                                | 1:04                 | 7.16 | 11.8                                          | 1.73                 | 1144.00   | 0.90           | 0.13                       | 55.0     |
| DHC (FEET)           | —          | 2                                                | 1:09                 | 7.16 | 11.8                                          | 1.74                 | 1140.50   | 0.96           | 0.12                       | 55.1     |
| DTW (FEET)           | 18.03      | 3                                                |                      |      |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 29.70      | 4                                                |                      |      |                                               |                      |           |                |                            |          |
| DTB - DTW            | 11.67      | 5                                                |                      |      |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                |                      |      |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                                                  |                      |      |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                                                  |                      |      |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    | 5.75       | WEATHER CONDITIONS:<br>Sunny 43°F 19 mph winds N |                      |      |                                               |                      |           |                |                            |          |
| PURGE DATE           | 3/22       | WATER APPEARANCE / ODOR:<br>Clear / No odor      |                      |      |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME | 1:10       | COMMENTS:                                        |                      |      |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      | 5.75       |                                                  |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 18.43      |                                                  |                      |      |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                                                  |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE DATE          | 3/23       | WEATHER CONDITIONS:<br>Sunny 25°F 4 mph NW winds |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 19.22      | WATER APPEARANCE / ODOR:<br>Clear / No odor      |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE TIME          | 4:20       | COMMENTS:<br>Dup collected - Dup 3-23-22         |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                                                  |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE ID<br>OW-54   |            | CONTAINER TYPE                                   | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                      |           |                |                            |          |
|                      |            | 40 ML VOA                                        | 6                    |      | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                                        | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER                                    | 2                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                                     | 1                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC                                   | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                          | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC                                   | 1                    |      | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                      |                      |      |                                               |                      |           |                |                            |          |
|                      |            | WATER QUALITY METER                              |                      |      |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |                  | TEST PARAMETERS                                              |                      |      |                                               |                      |           |                |                            |          |
|----------------------|------------------|--------------------------------------------------------------|----------------------|------|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| OW-55                |                  | Volumes                                                      | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/2              | Initial                                                      | 1:40                 | 7.08 | 13.6                                          | 1.76                 | 1144.00   | 0.90           | 0.13                       | -75.6    |
| GAUGE TIME           |                  | 1                                                            | 1:49                 | 7.07 | 13.0                                          | 1.76                 | 1165.50   | 0.90           | 0.12                       | -77.7    |
| DHC (FEET)           | —                | 2                                                            | 1:49                 | 7.07 | 12.8                                          | 1.77                 | 1164.00   | 0.90           | 0.12                       | -77.6    |
| DTW (FEET)           | 18.08            | 3                                                            |                      |      |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 30.32            | 4                                                            |                      |      |                                               |                      |           |                |                            |          |
| DTB - DTW            | 12.24            | 5                                                            |                      |      |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4"       | 6                                                            |                      |      |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2"       |                                                              |                      |      |                                               |                      |           |                |                            |          |
| PURGING DATA         |                  |                                                              |                      |      |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    | 6                | WEATHER CONDITIONS:<br>Sunny 44°F 20 mph N winds             |                      |      |                                               |                      |           |                |                            |          |
| PURGE DATE           | 3/22             | WATER APPEARANCE / ODOR:<br>Gray / Hc odor / Green in bucket |                      |      |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME | 1:50             | COMMENTS:                                                    |                      |      |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      | <del>18.76</del> |                                                              |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 18.76            |                                                              |                      |      |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |                  |                                                              |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE DATE          | 3/23             | WEATHER CONDITIONS:<br>Sunny 28°F 6 mph NW                   |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 14.11            | WATER APPEARANCE / ODOR:<br>Gray / Hc odor                   |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE TIME          | 9:16             | COMMENTS:                                                    |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |                  |                                                              |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE ID            |                  | CONTAINER TYPE                                               | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                      |           |                |                            |          |
| OW-55                |                  | 40 ML VOA                                                    | 6                    |      | HCL                                           |                      |           |                |                            |          |
|                      |                  | 40 ML VOA                                                    | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |                  | 1 LITER AMBER                                                | 2                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |                  | 500 ML AMBER                                                 | 1                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |                  | 250 ML PLASTIC                                               | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |                  | 125 ML PLASTIC FILTERED                                      | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |                  | 500 ML PLASTIC                                               | 1                    |      | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |                  | OIL / WATER INTERFACE PROBE<br>WATER QUALITY METER           |                      |      |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

| WELL ID              |            | TEST PARAMETERS                                  |                      |      |                                               |                      |           |                |                            |          |
|----------------------|------------|--------------------------------------------------|----------------------|------|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| OW-56                |            | Volumes                                          | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/2        | Initial                                          | 1:55                 | 7.30 | 10.6                                          | 2.36                 | 1534.00   | 1.22           | 0.11                       | 13.2     |
| GAUGE TIME           |            | 1                                                | 2:00                 | 7.30 | 10.4                                          | 2.37                 | 1540.50   | 1.23           | 0.12                       | 5.9      |
| DHC (FEET)           | —          | 2                                                | 2:05                 | 7.31 | 10.2                                          | 2.37                 | 1560.50   | 1.23           | 0.11                       | 6.6      |
| DTW (FEET)           | 13.30      | 3                                                |                      |      |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 18.60      | 4                                                |                      |      |                                               |                      |           |                |                            |          |
| DTB - DTW            | 5.30       | 5                                                |                      |      |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                |                      |      |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                                                  |                      |      |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                                                  |                      |      |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    | 2.5        | WEATHER CONDITIONS:<br>Sunny 44°F 20 mph N winds |                      |      |                                               |                      |           |                |                            |          |
| PURGE DATE           | 3/22       | WATER APPEARANCE / ODOR:<br>Clear / No odor      |                      |      |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME | 2:05       | COMMENTS:                                        |                      |      |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      | 2.5        |                                                  |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 17.07      |                                                  |                      |      |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                                                  |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE DATE          | 3/23       | WEATHER CONDITIONS:<br>Sunny 36°F 6 mph NW       |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 16.67      | WATER APPEARANCE / ODOR:<br>Clear / No odor      |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE TIME          | 9:50       | COMMENTS:                                        |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                                                  |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                                   | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                      |           |                |                            |          |
| OW-56                |            | 40 ML VOA                                        | 6                    |      | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                                        | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER                                    | 2                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                                     | 1                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC                                   | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                          | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC                                   | 1                    |      | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                      |                      |      |                                               |                      |           |                |                            |          |
|                      |            | WATER QUALITY METER                              |                      |      |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

| WELL ID              |                 | TEST PARAMETERS                                                   |                      |      |                                               |                      |           |                |                            |          |
|----------------------|-----------------|-------------------------------------------------------------------|----------------------|------|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| OW-57                |                 | Volumes                                                           | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/7             | Initial                                                           | 9:25                 | 7.09 | 12.2                                          | 1.48                 | 962       | 0.75           | 0.68                       | -90.3    |
| GAUGE TIME           | <del>1:35</del> | 1                                                                 | 9:43                 | 7.12 | 12.4                                          | 1.52                 | 98200     | 0.77           | 1.74                       | -63.4    |
| DHC (FEET)           | NA              | 2                                                                 |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 21.80           | 3                                                                 |                      |      |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 28.08           | 4                                                                 |                      |      |                                               |                      |           |                |                            |          |
| DTB - DTW            | 6.28            | 5                                                                 |                      |      |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4"      | 6                                                                 |                      |      |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2"      |                                                                   |                      |      |                                               |                      |           |                |                            |          |
| PURGING DATA         |                 |                                                                   |                      |      |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    | 3.25            | WEATHER CONDITIONS:<br>Cloudy 43°F 12 mph winds SE                |                      |      |                                               |                      |           |                |                            |          |
| PURGE DATE           | 3-9-22          | WATER APPEARANCE / ODOR:<br>Suspended fines - brown / slight odor |                      |      |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME | 13:58           | COMMENTS:<br>Purged Dry                                           |                      |      |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      | .2              |                                                                   |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 0.1             |                                                                   |                      |      |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |                 |                                                                   |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE DATE          | 3-10-22         | WEATHER CONDITIONS:<br>Cloudy 32°F 12 mph SE                      |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 21.78           | WATER APPEARANCE / ODOR:<br>Suspended fines - brown / slight odor |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE TIME          | 9:30            | COMMENTS:                                                         |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |                 |                                                                   |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE ID            |                 | CONTAINER TYPE                                                    | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                      |           |                |                            |          |
| OW-57                |                 | 40 ML VOA                                                         | 6                    |      | HCL                                           |                      |           |                |                            |          |
|                      |                 | 40 ML VOA                                                         | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |                 | 1 LITER AMBER                                                     | 2                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |                 | 500 ML AMBER                                                      | 1                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |                 | 250 ML PLASTIC                                                    | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |                 | 125 ML PLASTIC FILTERED                                           | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |                 | 500 ML PLASTIC                                                    | 1                    |      | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |                 | OIL / WATER INTERFACE PROBE                                       |                      |      |                                               |                      |           |                |                            |          |
|                      |                 | WATER QUALITY METER                                               |                      |      |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



| WELL ID              |            | TEST PARAMETERS                                                               |                      |      |                                               |                      |           |                |                            |          |
|----------------------|------------|-------------------------------------------------------------------------------|----------------------|------|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| OW-58 A              |            | Volumes                                                                       | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/1        | Initial                                                                       | 10:25                | 7.15 | 10.7                                          | 2.27                 | 144950    | 1.15           | 1.01                       | -66.1    |
| GAUGE TIME           |            | 1                                                                             | 10:40                | 7.14 | 10.7                                          | 2.20                 | 145050    | 1.170          | 0.98                       | -66.9    |
| DHC (FEET)           |            | 2                                                                             |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 77.56      | 3                                                                             |                      |      |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 36.35      | 4                                                                             |                      |      |                                               |                      |           |                |                            |          |
| DTB - DTW            | 8.85       | 5                                                                             |                      |      |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                                             |                      |      |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                                                                               |                      |      |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                                                                               |                      |      |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    | 17.50      | WEATHER CONDITIONS:<br>windy 43°F Cloudy                                      |                      |      |                                               |                      |           |                |                            |          |
| PURGE DATE           | 3-9-22     | WATER APPEARANCE / ODOR:<br>Clear, H/C Odor - Dark Tint toward bottom of well |                      |      |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME | 14:17      | COMMENTS:<br>Shoen in bucket                                                  |                      |      |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      | 11         | Purged Dry                                                                    |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 0.1        |                                                                               |                      |      |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                                                                               |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE DATE          | 3-10-22    | WEATHER CONDITIONS:<br>Cloudy 32°F 70 mph 50                                  |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 23.10      | WATER APPEARANCE / ODOR:<br>Shoen / H/C odor                                  |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE TIME          | 10:36      | COMMENTS:<br>FB collected FB - 3-10-22                                        |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                                                                               |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE ID<br>OW-58   |            | CONTAINER TYPE                                                                | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                      |           |                |                            |          |
|                      |            | 40 ML VOA                                                                     | 6                    |      | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                                                                     | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER                                                                 | 2                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                                                                  | 1                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC                                                                | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                                                       | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC                                                                | 1                    |      | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                                                   |                      |      |                                               |                      |           |                |                            |          |
|                      |            | WATER QUALITY METER                                                           |                      |      |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



| WELL ID              |            | TEST PARAMETERS                                   |                      |      |                                               |                      |           |                |                            |          |
|----------------------|------------|---------------------------------------------------|----------------------|------|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| OW-58                |            | Volumes                                           | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/1        | Initial                                           | 2:48                 | 6.98 | 14.1                                          | 1.96                 | 1274      | 1.01           | 1.70                       | -62.2    |
| GAUGE TIME           |            | 1                                                 | 2:52                 | 6.90 | 12.8                                          | 1.98                 | 1287.00   | 1.02           | 1.73                       | -63.6    |
| DHC (FEET)           | NA         | 2                                                 | 2:55                 | 6.88 | 12.9                                          | 1.98                 | 1287.00   | 1.02           | 1.70                       | -63.4    |
| DTW (FEET)           | 25.30      | 3                                                 |                      |      |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 47.49      | 4                                                 |                      |      |                                               |                      |           |                |                            |          |
| DTB - DTW            | 22.19      | 5                                                 |                      |      |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                 |                      |      |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                                                   |                      |      |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                                                   |                      |      |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    | 11.00      | WEATHER CONDITIONS:<br>Cloudy, Windy 40°F         |                      |      |                                               |                      |           |                |                            |          |
| PURGE DATE           | 3-9-22     | WATER APPEARANCE / ODOR:<br>Clear / No Odor       |                      |      |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME | 2:56       | COMMENTS:                                         |                      |      |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      | 11.00      |                                                   |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 25.10      |                                                   |                      |      |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                                                   |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE DATE          | 3-10-22    | WEATHER CONDITIONS:<br>Cloudy 32°F 20 mph SE wind |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 25.03      | WATER APPEARANCE / ODOR:<br>Clear NO odor -       |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE TIME          | 10:00      | COMMENTS:                                         |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                                                   |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                                    | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                      |           |                |                            |          |
| OW-58                |            | 40 ML VOA                                         | 6                    |      | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                                         | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER                                     | 2                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                                      | 1                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC                                    | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                           | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC                                    | 1                    |      | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                       |                      |      |                                               |                      |           |                |                            |          |
|                      |            | WATER QUALITY METER                               |                      |      |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                  |                      |      |                                               |                      |           |                |                            |          |
|----------------------|------------|--------------------------------------------------|----------------------|------|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| OW-59                |            | Volumes                                          | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/2        | Initial                                          | 2:25                 | 7.38 | 13.1                                          | 10.31                | 6701.50   | 5.85           | 0.10                       | 258.9    |
| GAUGE TIME           |            | 1                                                | 2:27                 | 7.39 | 13.1                                          | 10.37                | 6774.0    | 5.89           | 0.16                       | 278.2    |
| DHC (FEET)           | —          | 2                                                | 2:33                 | 7.39 | 13.0                                          | 10.40                | 6749.9    | 5.90           | 0.10                       | 236.3    |
| DTW (FEET)           | 23.93      | 3                                                |                      |      |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 38.60      | 4                                                |                      |      |                                               |                      |           |                |                            |          |
| DTB - DTW            | 14.67      | 5                                                |                      |      |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                |                      |      |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                                                  |                      |      |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                                                  |                      |      |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    | 7          | WEATHER CONDITIONS:<br>Sunny 46°F 17 mph N winds |                      |      |                                               |                      |           |                |                            |          |
| PURGE DATE           | 3/22       | WATER APPEARANCE / ODOR:<br>Brown / No odor      |                      |      |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME | 2:35       | COMMENTS:                                        |                      |      |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      | 7.         |                                                  |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 35.30      |                                                  |                      |      |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                                                  |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE DATE          | 3/22       | WEATHER CONDITIONS:<br>Sunny 36°F 11-14 W winds  |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 23.93      | WATER APPEARANCE / ODOR:<br>Brown / No odor      |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE TIME          | 10:10      | COMMENTS:                                        |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                                                  |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                                   | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                      |           |                |                            |          |
| OW-59                |            | 40 ML VOA                                        | 6                    |      | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                                        | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER                                    | 2                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                                     | 1                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC                                   | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                          | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC                                   | 1                    |      | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                      |                      |      |                                               |                      |           |                |                            |          |
|                      |            | WATER QUALITY METER                              |                      |      |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                    |                      |      |                                               |                      |           |                |                            |          |
|----------------------|------------|----------------------------------------------------|----------------------|------|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| OW-60                |            | Volumes                                            | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/2        | Initial                                            | 10:29                | 7.60 | 16.5                                          | 6.70                 | 4365      | 3.68           | 8180                       | 242.3    |
| GAUGE TIME           |            | 1                                                  | 10:42                | 7.51 | 10.3                                          | 5.90                 | 4150.8    | 3.70           | 563                        | 233.5    |
| DHC (FEET)           | —          | 2                                                  |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 16.72      | 3                                                  |                      |      |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 43.77      | 4                                                  |                      |      |                                               |                      |           |                |                            |          |
| DTB - DTW            | 27.05      | 5                                                  |                      |      |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                  |                      |      |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                                                    |                      |      |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                                                    |                      |      |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    | 13         | WEATHER CONDITIONS:<br>Sunny 48°F 16 mph NW winds  |                      |      |                                               |                      |           |                |                            |          |
| PURGE DATE           | 3/22       | WATER APPEARANCE / ODOR:<br>Brown / slight HC odor |                      |      |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME | 3:06       | COMMENTS:                                          |                      |      |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      | 8.5        |                                                    |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 17.24      |                                                    |                      |      |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                                                    |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE DATE          | 3/23       | WEATHER CONDITIONS:<br>Sunny 37°F 11 mph NW        |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 17.89      | WATER APPEARANCE / ODOR:<br>Brown / slight HC odor |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE TIME          | 10:30      | COMMENTS:                                          |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                                                    |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                                     | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                      |           |                |                            |          |
| OW-60                |            | 40 ML VOA                                          | 6                    |      | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                                          | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER                                      | 2                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                                       | 1                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC                                     | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                            | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC                                     | 1                    |      | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                        |                      |      |                                               |                      |           |                |                            |          |
|                      |            | WATER QUALITY METER                                |                      |      |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS             |                      |    |                                               |                      |           |                |                            |          |
|----------------------|------------|-----------------------------|----------------------|----|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| OW-61                |            | Volumes                     | TIME                 | pH | Temperature<br>Degrees C                      | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/2        | Initial                     |                      |    |                                               |                      |           |                |                            |          |
| GAUGE TIME           |            | 1                           |                      |    |                                               |                      |           |                |                            |          |
| DHC (FEET)           | 21.70      | 2                           |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 22.40      | 3                           |                      |    |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 34.86      | 4                           |                      |    |                                               |                      |           |                |                            |          |
| DTB - DTW            | 12.46      | 5                           |                      |    |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                           |                      |    |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                             |                      |    |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                             |                      |    |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:         |                      |    |                                               |                      |           |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:    |                      |    |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME |            | COMMENTS:                   |                      |    |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      |            |                             |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |            |                             |                      |    |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                             |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:         |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:    |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE TIME          |            | COMMENTS:                   |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                             |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE              | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                      |           |                |                            |          |
| OW-61                |            | 40 ML VOA                   | 6                    |    | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                   | 2                    |    | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER               | 2                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                | 1                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC              | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED     | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC              | 1                    |    | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE |                      |    |                                               |                      |           |                |                            |          |
|                      |            | WATER QUALITY METER         |                      |    |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

| WELL ID              |            | TEST PARAMETERS             |                      |    |                                               |                      |           |                |                            |          |
|----------------------|------------|-----------------------------|----------------------|----|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| OW-62                |            | Volumes                     | TIME                 | pH | Temperature<br>Degrees C                      | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/2        | Initial                     |                      |    |                                               |                      |           |                |                            |          |
| GAUGE TIME           |            | 1                           |                      |    |                                               |                      |           |                |                            |          |
| DHC (FEET)           | 23.77      | 2                           |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 24.15      | 3                           |                      |    |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 37.78      | 4                           |                      |    |                                               |                      |           |                |                            |          |
| DTB - DTW            | 8.63       | 5                           |                      |    |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                           |                      |    |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                             |                      |    |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                             |                      |    |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:         |                      |    |                                               |                      |           |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:    |                      |    |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME |            | COMMENTS:                   |                      |    |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      |            |                             |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |            |                             |                      |    |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                             |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:         |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:    |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE TIME          |            | COMMENTS:                   |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                             |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE              | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                      |           |                |                            |          |
| OW-62                |            | 40 ML VOA                   | 6                    |    | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                   | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER               | 2                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                | 1                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC              | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED     | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC              | 1                    |    | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE |                      |    |                                               |                      |           |                |                            |          |
|                      |            | WATER QUALITY METER         |                      |    |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



## MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                    |                      |      |                                               |                      |           |                |                            |          |
|----------------------|------------|----------------------------------------------------|----------------------|------|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| OW-63                |            | Volumes                                            | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/11       | Initial                                            | 1:27                 | 7.04 | 12.8                                          | 1.54                 | 1001.00   | 0.78           | 1.31                       | -65.5    |
| GAUGE TIME           |            | 1                                                  | 1:30                 | 7.04 | 12.3                                          | 1.57                 | 1002.5    | 0.79           | 1.34                       | -64.9    |
| DHC (FEET)           | NA         | 2                                                  | 1:33                 | 6.99 | 13.2                                          | 1.50                 | 1001.50   | 0.79           | 1.33                       | -66.8    |
| DTW (FEET)           | 21.95      | 3                                                  |                      |      |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 32.22      | 4                                                  |                      |      |                                               |                      |           |                |                            |          |
| DTB - DTW            | 10.27      | 5                                                  |                      |      |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                  |                      |      |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                                                    |                      |      |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                                                    |                      |      |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    | 20.00      | WEATHER CONDITIONS:<br>Cloudy 42°F 10 mph wind SE  |                      |      |                                               |                      |           |                |                            |          |
| PURGE DATE           | 3-9-22     | WATER APPEARANCE / ODOR:<br>Clear / HC odor        |                      |      |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME | 1:35       | COMMENTS:                                          |                      |      |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      | 20.00      |                                                    |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 23.90      |                                                    |                      |      |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                                                    |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE DATE          | 3/10       | WEATHER CONDITIONS:<br>Very Windy                  |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 22.05      | WATER APPEARANCE / ODOR:<br>Clear / HC odor        |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE TIME          | 9:30       | COMMENTS:<br>PFA's Collected                       |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                                                    |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE ID<br>OW-63   |            | CONTAINER TYPE                                     | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                      |           |                |                            |          |
|                      |            | 40 ML VOA                                          | 6                    |      | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                                          | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER                                      | 2                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                                       | 1                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC                                     | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                            | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC                                     | 1                    |      | NaOH                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC                                     | 2                    |      | TRISMA                                        |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE<br>WATER QUALITY METER |                      |      |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



| WELL ID              |                 | TEST PARAMETERS                                      |                      |      |                                               |                      |           |                |                            |          |
|----------------------|-----------------|------------------------------------------------------|----------------------|------|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| OW-64                |                 | Volumes                                              | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/2             | Initial                                              | 9:29                 | 7.70 | 10.4                                          | 1.77                 | 1150.90   | 0.90           | 2.11                       | -90.7    |
| GAUGE TIME           |                 | 1                                                    | 9:45                 | 7.69 | 10.1                                          | 1.76                 | 1144.00   | 0.90           | 2.24                       | -90.1    |
| DHC (FEET)           | <del>7.73</del> | 2                                                    |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 7.73            | 3                                                    |                      |      |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 27.40           | 4                                                    |                      |      |                                               |                      |           |                |                            |          |
| DTB - DTW            | 19.67           | 5                                                    |                      |      |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4"      | 6                                                    |                      |      |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2"      |                                                      |                      |      |                                               |                      |           |                |                            |          |
| PURGING DATA         |                 |                                                      |                      |      |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    | 38.50           | WEATHER CONDITIONS:<br>Sunny / 48°F / 19 mph NW wind |                      |      |                                               |                      |           |                |                            |          |
| PURGE DATE           | 3/23            | WATER APPEARANCE / ODOR:<br>Clear / No odor          |                      |      |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME | 7:10            | COMMENTS:<br>Purged Dry                              |                      |      |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      | 27.00           |                                                      |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 17.24           |                                                      |                      |      |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |                 |                                                      |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE DATE          | 3/24            | WEATHER CONDITIONS:<br>Sunny 37°F                    |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 7.91            | WATER APPEARANCE / ODOR:<br>Clear / No odor          |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE TIME          | 9:30            | COMMENTS:                                            |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |                 |                                                      |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE ID            |                 | CONTAINER TYPE                                       | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                      |           |                |                            |          |
| OW-64                |                 | 40 ML VOA                                            | 6                    |      | HCL                                           |                      |           |                |                            |          |
|                      |                 | 40 ML VOA                                            | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |                 | 1 LITER AMBER                                        | 2                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |                 | 500 ML AMBER                                         | 1                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |                 | 250 ML PLASTIC                                       | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |                 | 125 ML PLASTIC FILTERED                              | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |                 | 500 ML PLASTIC                                       | 1                    |      | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |                 | OIL / WATER INTERFACE PROBE                          |                      |      |                                               |                      |           |                |                            |          |
|                      |                 | WATER QUALITY METER                                  |                      |      |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

| WELL ID              |            | TEST PARAMETERS             |                      |    |                                               |                      |           |                |                            |          |
|----------------------|------------|-----------------------------|----------------------|----|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| OW-65                |            | Volumes                     | TIME                 | pH | Temperature<br>Degrees C                      | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/2        | Initial                     |                      |    |                                               |                      |           |                |                            |          |
| GAUGE TIME           |            | 1                           |                      |    |                                               |                      |           |                |                            |          |
| DHC (FEET)           | 28.08      | 2                           |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 35.01      | 3                           |                      |    |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 39.51      | 4                           |                      |    |                                               |                      |           |                |                            |          |
| DTB - DTW            | 4.50       | 5                           |                      |    |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                           |                      |    |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                             |                      |    |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                             |                      |    |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:         |                      |    |                                               |                      |           |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:    |                      |    |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME |            | COMMENTS:<br>HAS PRODUCE    |                      |    |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      |            |                             |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |            |                             |                      |    |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                             |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:         |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:    |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE TIME          |            | COMMENTS:                   |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                             |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE              | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                      |           |                |                            |          |
| OW-65                |            | 40 ML VOA                   | 6                    |    | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                   | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER               | 2                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                | 1                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC              | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED     | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC              | 1                    |    | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE |                      |    |                                               |                      |           |                |                            |          |
|                      |            | WATER QUALITY METER         |                      |    |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                               |                      |      |                                               |                      |           |                |                            |          |
|----------------------|------------|---------------------------------------------------------------|----------------------|------|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| OW-66                |            | Volumes                                                       | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/2        | Initial                                                       | 1:26                 | 7.07 | 12.6                                          | 2.46                 | 1600.50   | 1.27           | 0.12                       | -91.8    |
| GAUGE TIME           |            | 1                                                             | 1:24                 | 7.06 | 12.7                                          | 2.44                 | 1599.06   | 1.27           | 0.11                       | -90.3    |
| DHC (FEET)           | —          | 2                                                             | 1:29                 | 7.06 | 12.1                                          | 2.46                 | 1591.50   | 1.24           | 0.10                       | -99.6    |
| DTW (FEET)           | 17.74      | 3                                                             |                      |      |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 27.81      | 4                                                             |                      |      |                                               |                      |           |                |                            |          |
| DTB - DTW            | 10.13      | 5                                                             |                      |      |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                             |                      |      |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                                                               |                      |      |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                                                               |                      |      |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    | 15         | WEATHER CONDITIONS:<br>Sunny 47°F 20 mph winds N              |                      |      |                                               |                      |           |                |                            |          |
| PURGE DATE           | 3/22       | WATER APPEARANCE / ODOR:<br>Brown / HC odor / Green in bucket |                      |      |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME | 1:30       | COMMENTS:                                                     |                      |      |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      | 5          |                                                               |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 18.31      |                                                               |                      |      |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                                                               |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE DATE          | 3/23       | WEATHER CONDITIONS:<br>Sunny 27°F 6 mph NW                    |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 20.53      | WATER APPEARANCE / ODOR:<br>Brown / HC odor                   |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE TIME          | 8:50       | COMMENTS:                                                     |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                                                               |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                                                | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                      |           |                |                            |          |
| OW-66                |            | 40 ML VOA                                                     | 6                    |      | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                                                     | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER                                                 | 2                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                                                  | 1                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC                                                | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                                       | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC                                                | 1                    |      | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                                   |                      |      |                                               |                      |           |                |                            |          |
|                      |            | WATER QUALITY METER                                           |                      |      |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                  |                      |      |                                               |                      |           |                |                            |          |
|----------------------|------------|--------------------------------------------------|----------------------|------|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| OW-70                |            | Volumes                                          | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 3/2        | Initial                                          | 1:48                 | 7.69 | 12.6                                          | 1.27                 | 799.50    | 0.62           | 0.18                       | 78.9     |
| GAUGE TIME           |            | 1                                                | 1:52                 | 7.73 | 12.6                                          | 1.21                 | 786.50    | 0.61           | 0.16                       | 69.7     |
| DHC (FEET)           | NA         | 2                                                | 1:56                 | 7.72 | 12.5                                          | 1.39                 | 807.50    | 0.70           | 0.14                       | 72.0     |
| DTW (FEET)           | 31.64      | 3                                                |                      |      |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 47.71      | 4                                                |                      |      |                                               |                      |           |                |                            |          |
| DTB - DTW            | 16.07      | 5                                                |                      |      |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                |                      |      |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                                                  |                      |      |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                                                  |                      |      |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    | 7.85       | WEATHER CONDITIONS:<br>Cloudy 41°F 18 mph NW     |                      |      |                                               |                      |           |                |                            |          |
| PURGE DATE           | 3/21       | WATER APPEARANCE / ODOR:<br>Brown / No odor      |                      |      |                                               |                      |           |                |                            |          |
| END OF PURGE<br>TIME | 1:58       | COMMENTS:                                        |                      |      |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      | 3.85       |                                                  |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 32.79      |                                                  |                      |      |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                                                  |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE DATE          | 3/22       | WEATHER CONDITIONS:<br>Sunny 27°F 13 mph N winds |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 31.74      | WATER APPEARANCE / ODOR:<br>Brown / No odor      |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE TIME          | 8:20       | COMMENTS:<br>Dup collected - Dup 3-22-22         |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                                                  |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                                   | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                      |           |                |                            |          |
| OW-70                |            | 40 ML VOA                                        | 6                    |      | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                                        | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER                                    | 2                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                                     | 1                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC                                   | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                          | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC                                   | 1                    |      | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                      |                      |      |                                               |                      |           |                |                            |          |
|                      |            | WATER QUALITY METER                              |                      |      |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



Western Refining Southwest LLC  
D/B/A Marathon Gallup Refinery  
2022 Annual Groundwater Monitoring Report

## Appendix A-2. 2<sup>nd</sup> Quarter Field Logs

MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS               |                      |    |                                               |                         |            |                |                         |          |
|----------------------|------------|-------------------------------|----------------------|----|-----------------------------------------------|-------------------------|------------|----------------|-------------------------|----------|
| MKTf-01R             |            | Volumes                       | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (%) | ORP (mv) |
| GAUGE DATE           | 6.2.22     | Initial                       |                      |    |                                               |                         |            |                |                         |          |
| GAUGE TIME           |            | 1                             |                      |    |                                               |                         |            |                |                         |          |
| DHC (FEET)           | 3.30       | 2                             |                      |    |                                               |                         |            |                |                         |          |
| DTW (FEET)           | 3.33       | 3                             |                      |    |                                               |                         |            |                |                         |          |
| DTB (FEET)           | 18.11      | 4                             |                      |    |                                               |                         |            |                |                         |          |
| DTB - DTW            |            | 5                             |                      |    |                                               |                         |            |                |                         |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                             |                      |    |                                               |                         |            |                |                         |          |
|                      | 0.163 - 2" |                               |                      |    |                                               |                         |            |                |                         |          |
| PURGING DATA         |            |                               |                      |    |                                               |                         |            |                |                         |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:           |                      |    |                                               |                         |            |                |                         |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                         |            |                |                         |          |
| END OF PURGE<br>TIME |            | COMMENTS:<br>HAS Product      |                      |    |                                               |                         |            |                |                         |          |
| PURGE<br>AMOUNT      |            |                               |                      |    |                                               |                         |            |                |                         |          |
| DTW (FEET)           |            |                               |                      |    |                                               |                         |            |                |                         |          |
| SAMPLING DATA        |            |                               |                      |    |                                               |                         |            |                |                         |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:           |                      |    |                                               |                         |            |                |                         |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                         |            |                |                         |          |
| SAMPLE TIME          |            | COMMENTS:                     |                      |    |                                               |                         |            |                |                         |          |
| SAMPLE LOG           |            |                               |                      |    |                                               |                         |            |                |                         |          |
| SAMPLE ID            |            | CONTAINER TYPE                | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                         |            |                |                         |          |
| MKTf-01R             |            | 40 ML VOA                     | 6                    |    | HCL                                           |                         |            |                |                         |          |
|                      |            | 40 ML VOA                     | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                         |          |
|                      |            | 1 LITER AMBER                 | 2                    |    | NEAT                                          |                         |            |                |                         |          |
|                      |            | 500 ML AMBER                  | 1                    |    | NEAT                                          |                         |            |                |                         |          |
|                      |            | 250 ML PLASTIC                | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                         |          |
|                      |            | 125 ML PLASTIC FILTERED       | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                         |          |
|                      |            | 500 ML PLASTIC                | 1                    |    | NaOH                                          |                         |            |                |                         |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE   |                      |    |                                               |                         |            |                |                         |          |
|                      |            | WATER QUALITY/PARAMETER PROBE |                      |    |                                               |                         |            |                |                         |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS               |                      |    |                                               |                         |            |                |                            |          |
|----------------------|------------|-------------------------------|----------------------|----|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| MKTf-02R             |            | Volumes                       | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mV) |
| GAUGE DATE           | 6-2-22     | Initial                       |                      |    |                                               |                         |            |                |                            |          |
| GAUGE TIME           |            | 1                             |                      |    |                                               |                         |            |                |                            |          |
| DHC (FEET)           | 10.17      | 2                             |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 10.19      | 3                             |                      |    |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 21.50      | 4                             |                      |    |                                               |                         |            |                |                            |          |
| DTB - DTW            |            | 5                             |                      |    |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                             |                      |    |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                               |                      |    |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                               |                      |    |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:           |                      |    |                                               |                         |            |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME |            | COMMENTS: HAS Product         |                      |    |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      |            |                               |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           |            |                               |                      |    |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                               |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:           |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE TIME          |            | COMMENTS:                     |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                               |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                         |            |                |                            |          |
| MKTf-02R             |            | 40 ML VOA                     | 6                    |    | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                     | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                 | 2                    |    | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                  | 1                    |    | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED       | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                | 1                    |    | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE   |                      |    |                                               |                         |            |                |                            |          |
|                      |            | WATER QUALITY/PARAMETER PROBE |                      |    |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS               |                      |    |                                               |                         |            |                |                         |          |
|----------------------|------------|-------------------------------|----------------------|----|-----------------------------------------------|-------------------------|------------|----------------|-------------------------|----------|
| MKTf-03              |            | Volumes                       | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (%) | ORP (mv) |
| GAUGE DATE           | 6-2-22     | Initial                       |                      |    |                                               |                         |            |                |                         |          |
| GAUGE TIME           |            | 1                             |                      |    |                                               |                         |            |                |                         |          |
| DHC (FEET)           | 7.63       | 2                             |                      |    |                                               |                         |            |                |                         |          |
| DTW (FEET)           | 7.78       | 3                             |                      |    |                                               |                         |            |                |                         |          |
| DTB (FEET)           | 18.64      | 4                             |                      |    |                                               |                         |            |                |                         |          |
| DTB - DTW            |            | 5                             |                      |    |                                               |                         |            |                |                         |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                             |                      |    |                                               |                         |            |                |                         |          |
|                      | 0.163 - 2" |                               |                      |    |                                               |                         |            |                |                         |          |
| PURGING DATA         |            |                               |                      |    |                                               |                         |            |                |                         |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:           |                      |    |                                               |                         |            |                |                         |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                         |            |                |                         |          |
| END OF PURGE<br>TIME |            | COMMENTS: HAS Product         |                      |    |                                               |                         |            |                |                         |          |
| PURGE<br>AMOUNT      |            |                               |                      |    |                                               |                         |            |                |                         |          |
| DTW (FEET)           |            |                               |                      |    |                                               |                         |            |                |                         |          |
| SAMPLING DATA        |            |                               |                      |    |                                               |                         |            |                |                         |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:           |                      |    |                                               |                         |            |                |                         |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                         |            |                |                         |          |
| SAMPLE TIME          |            | COMMENTS:                     |                      |    |                                               |                         |            |                |                         |          |
| SAMPLE LOG           |            |                               |                      |    |                                               |                         |            |                |                         |          |
| SAMPLE ID            |            | CONTAINER TYPE                | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                         |            |                |                         |          |
| MKTf-03              |            | 40 ML VOA                     | 6                    |    | HCL                                           |                         |            |                |                         |          |
|                      |            | 40 ML VOA                     | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                         |          |
|                      |            | 1 LITER AMBER                 | 2                    |    | NEAT                                          |                         |            |                |                         |          |
|                      |            | 500 ML AMBER                  | 1                    |    | NEAT                                          |                         |            |                |                         |          |
|                      |            | 250 ML PLASTIC                | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                         |          |
|                      |            | 125 ML PLASTIC FILTERED       | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                         |          |
|                      |            | 500 ML PLASTIC                | 1                    |    | NaOH                                          |                         |            |                |                         |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE   |                      |    |                                               |                         |            |                |                         |          |
|                      |            | WATER QUALITY/PARAMETER PROBE |                      |    |                                               |                         |            |                |                         |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS               |                      |    |                                               |                         |            |                |                            |          |
|----------------------|------------|-------------------------------|----------------------|----|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| MKTf-04R             |            | Volumes                       | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-2-22     | Initial                       |                      |    |                                               |                         |            |                |                            |          |
| GAUGE TIME           |            | 1                             |                      |    |                                               |                         |            |                |                            |          |
| DHC (FEET)           | 9.64       | 2                             |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 9.65       | 3                             |                      |    |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 19.20      | 4                             |                      |    |                                               |                         |            |                |                            |          |
| DTB - DTW            |            | 5                             |                      |    |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                             |                      |    |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                               |                      |    |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                               |                      |    |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:           |                      |    |                                               |                         |            |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME |            | COMMENTS:<br>HAS Product      |                      |    |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      |            |                               |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           |            |                               |                      |    |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                               |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:           |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE TIME          |            | COMMENTS:<br>HAS Product      |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                               |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                         |            |                |                            |          |
| MKTf-04R             |            | 40 ML VOA                     | 6                    |    | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                     | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                 | 2                    |    | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                  | 1                    |    | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED       | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                | 1                    |    | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE   |                      |    |                                               |                         |            |                |                            |          |
|                      |            | WATER QUALITY/PARAMETER PROBE |                      |    |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS               |                      |    |                                               |                         |            |                |                         |          |
|----------------------|------------|-------------------------------|----------------------|----|-----------------------------------------------|-------------------------|------------|----------------|-------------------------|----------|
| MKTf-05              |            | Volumes                       | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (%) | ORP (mv) |
| GAUGE DATE           | 6-2-22     | Initial                       |                      |    |                                               |                         |            |                |                         |          |
| GAUGE TIME           |            | 1                             |                      |    |                                               |                         |            |                |                         |          |
| DHC (FEET)           | 15.78      | 2                             |                      |    |                                               |                         |            |                |                         |          |
| DTW (FEET)           | 15.86      | 3                             |                      |    |                                               |                         |            |                |                         |          |
| DTB (FEET)           | 17.75      | 4                             |                      |    |                                               |                         |            |                |                         |          |
| DTB - DTW            |            | 5                             |                      |    |                                               |                         |            |                |                         |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                             |                      |    |                                               |                         |            |                |                         |          |
|                      | 0.163 - 2" |                               |                      |    |                                               |                         |            |                |                         |          |
| PURGING DATA         |            |                               |                      |    |                                               |                         |            |                |                         |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:           |                      |    |                                               |                         |            |                |                         |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                         |            |                |                         |          |
| END OF PURGE<br>TIME |            | COMMENTS:                     |                      |    |                                               |                         |            |                |                         |          |
| PURGE<br>AMOUNT      |            |                               |                      |    |                                               |                         |            |                |                         |          |
| DTW (FEET)           |            |                               |                      |    |                                               |                         |            |                |                         |          |
| SAMPLING DATA        |            |                               |                      |    |                                               |                         |            |                |                         |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:           |                      |    |                                               |                         |            |                |                         |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                         |            |                |                         |          |
| SAMPLE TIME          |            | COMMENTS:                     |                      |    |                                               |                         |            |                |                         |          |
| SAMPLE LOG           |            |                               |                      |    |                                               |                         |            |                |                         |          |
| SAMPLE ID            |            | CONTAINER TYPE                | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                         |            |                |                         |          |
| MKTf-05              |            | 40 ML VOA                     | 6                    |    | HCL                                           |                         |            |                |                         |          |
|                      |            | 40 ML VOA                     | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                         |          |
|                      |            | 1 LITER AMBER                 | 2                    |    | NEAT                                          |                         |            |                |                         |          |
|                      |            | 500 ML AMBER                  | 1                    |    | NEAT                                          |                         |            |                |                         |          |
|                      |            | 250 ML PLASTIC                | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                         |          |
|                      |            | 125 ML PLASTIC FILTERED       | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                         |          |
|                      |            | 500 ML PLASTIC                | 1                    |    | NaOH                                          |                         |            |                |                         |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE   |                      |    |                                               |                         |            |                |                         |          |
|                      |            | WATER QUALITY/PARAMETER PROBE |                      |    |                                               |                         |            |                |                         |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS               |                      |    |                                               |                         |            |                |                         |          |
|----------------------|------------|-------------------------------|----------------------|----|-----------------------------------------------|-------------------------|------------|----------------|-------------------------|----------|
| MKTF-06              |            | Volumes                       | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (%) | ORP (mv) |
| GAUGE DATE           | 6.2.22     | Initial                       |                      |    |                                               |                         |            |                |                         |          |
| GAUGE TIME           |            | 1                             |                      |    |                                               |                         |            |                |                         |          |
| DHC (FEET)           | 18.90      | 2                             |                      |    |                                               |                         |            |                |                         |          |
| DTW (FEET)           | 20.10      | 3                             |                      |    |                                               |                         |            |                |                         |          |
| DTB (FEET)           | 23.86      | 4                             |                      |    |                                               |                         |            |                |                         |          |
| DTB - DTW            |            | 5                             |                      |    |                                               |                         |            |                |                         |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                             |                      |    |                                               |                         |            |                |                         |          |
|                      | 0.163 - 2" |                               |                      |    |                                               |                         |            |                |                         |          |
| PURGING DATA         |            |                               |                      |    |                                               |                         |            |                |                         |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:           |                      |    |                                               |                         |            |                |                         |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                         |            |                |                         |          |
| END OF PURGE<br>TIME |            | COMMENTS:                     |                      |    |                                               |                         |            |                |                         |          |
| PURGE<br>AMOUNT      |            |                               |                      |    |                                               |                         |            |                |                         |          |
| DTW (FEET)           |            |                               |                      |    |                                               |                         |            |                |                         |          |
| SAMPLING DATA        |            |                               |                      |    |                                               |                         |            |                |                         |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:           |                      |    |                                               |                         |            |                |                         |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                         |            |                |                         |          |
| SAMPLE TIME          |            | COMMENTS:                     |                      |    |                                               |                         |            |                |                         |          |
| SAMPLE LOG           |            |                               |                      |    |                                               |                         |            |                |                         |          |
| SAMPLE ID            |            | CONTAINER TYPE                | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                         |            |                |                         |          |
| MKTF-06              |            | 40 ML VOA                     | 6                    |    | HCL                                           |                         |            |                |                         |          |
|                      |            | 40 ML VOA                     | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                         |          |
|                      |            | 1 LITER AMBER                 | 2                    |    | NEAT                                          |                         |            |                |                         |          |
|                      |            | 500 ML AMBER                  | 1                    |    | NEAT                                          |                         |            |                |                         |          |
|                      |            | 250 ML PLASTIC                | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                         |          |
|                      |            | 125 ML PLASTIC FILTERED       | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                         |          |
|                      |            | 500 ML PLASTIC                | 1                    |    | NaOH                                          |                         |            |                |                         |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE   |                      |    |                                               |                         |            |                |                         |          |
|                      |            | WATER QUALITY/PARAMETER PROBE |                      |    |                                               |                         |            |                |                         |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS               |                      |    |                                               |                         |            |                |                         |          |
|----------------------|------------|-------------------------------|----------------------|----|-----------------------------------------------|-------------------------|------------|----------------|-------------------------|----------|
| MKTf-07              |            | Volumes                       | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (%) | ORP (mv) |
| GAUGE DATE           | 6-2-22     | Initial                       |                      |    |                                               |                         |            |                |                         |          |
| GAUGE TIME           |            | 1                             |                      |    |                                               |                         |            |                |                         |          |
| DHC (FEET)           | 15.12      | 2                             |                      |    |                                               |                         |            |                |                         |          |
| DTW (FEET)           | 15.15      | 3                             |                      |    |                                               |                         |            |                |                         |          |
| DTB (FEET)           | 17.85      | 4                             |                      |    |                                               |                         |            |                |                         |          |
| DTB - DTW            |            | 5                             |                      |    |                                               |                         |            |                |                         |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                             |                      |    |                                               |                         |            |                |                         |          |
|                      | 0.163 - 2" |                               |                      |    |                                               |                         |            |                |                         |          |
| PURGING DATA         |            |                               |                      |    |                                               |                         |            |                |                         |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:           |                      |    |                                               |                         |            |                |                         |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                         |            |                |                         |          |
| END OF PURGE<br>TIME |            | COMMENTS: HAS Product         |                      |    |                                               |                         |            |                |                         |          |
| PURGE<br>AMOUNT      |            |                               |                      |    |                                               |                         |            |                |                         |          |
| DTW (FEET)           |            |                               |                      |    |                                               |                         |            |                |                         |          |
| SAMPLING DATA        |            |                               |                      |    |                                               |                         |            |                |                         |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:           |                      |    |                                               |                         |            |                |                         |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                         |            |                |                         |          |
| SAMPLE TIME          |            | COMMENTS:                     |                      |    |                                               |                         |            |                |                         |          |
| SAMPLE LOG           |            |                               |                      |    |                                               |                         |            |                |                         |          |
| SAMPLE ID            |            | CONTAINER TYPE                | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                         |            |                |                         |          |
| MKTf-07              |            | 40 ML VOA                     | 6                    |    | HCL                                           |                         |            |                |                         |          |
|                      |            | 40 ML VOA                     | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                         |          |
|                      |            | 1 LITER AMBER                 | 2                    |    | NEAT                                          |                         |            |                |                         |          |
|                      |            | 500 ML AMBER                  | 1                    |    | NEAT                                          |                         |            |                |                         |          |
|                      |            | 250 ML PLASTIC                | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                         |          |
|                      |            | 125 ML PLASTIC FILTERED       | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                         |          |
|                      |            | 500 ML PLASTIC                | 1                    |    | NaOH                                          |                         |            |                |                         |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE   |                      |    |                                               |                         |            |                |                         |          |
|                      |            | WATER QUALITY/PARAMETER PROBE |                      |    |                                               |                         |            |                |                         |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS               |                      |    |                                               |                         |            |                |                         |          |
|----------------------|------------|-------------------------------|----------------------|----|-----------------------------------------------|-------------------------|------------|----------------|-------------------------|----------|
| MKTF-08              |            | Volumes                       | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (%) | ORP (mV) |
| GAUGE DATE           | 6.2.22     | Initial                       |                      |    |                                               |                         |            |                |                         |          |
| GAUGE TIME           |            | 1                             |                      |    |                                               |                         |            |                |                         |          |
| DHC (FEET)           | 15.90      | 2                             |                      |    |                                               |                         |            |                |                         |          |
| DTW (FEET)           | 16.68      | 3                             |                      |    |                                               |                         |            |                |                         |          |
| DTB (FEET)           | 27.03      | 4                             |                      |    |                                               |                         |            |                |                         |          |
| DTB - DTW            |            | 5                             |                      |    |                                               |                         |            |                |                         |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                             |                      |    |                                               |                         |            |                |                         |          |
|                      | 0.163 - 2" |                               |                      |    |                                               |                         |            |                |                         |          |
| PURGING DATA         |            |                               |                      |    |                                               |                         |            |                |                         |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:           |                      |    |                                               |                         |            |                |                         |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                         |            |                |                         |          |
| END OF PURGE<br>TIME |            | COMMENTS: HAS Product         |                      |    |                                               |                         |            |                |                         |          |
| PURGE<br>AMOUNT      |            |                               |                      |    |                                               |                         |            |                |                         |          |
| DTW (FEET)           |            |                               |                      |    |                                               |                         |            |                |                         |          |
| SAMPLING DATA        |            |                               |                      |    |                                               |                         |            |                |                         |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:           |                      |    |                                               |                         |            |                |                         |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                         |            |                |                         |          |
| SAMPLE TIME          |            | COMMENTS:                     |                      |    |                                               |                         |            |                |                         |          |
| SAMPLE LOG           |            |                               |                      |    |                                               |                         |            |                |                         |          |
| SAMPLE ID            |            | CONTAINER TYPE                | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                         |            |                |                         |          |
| MKTF-08              |            | 40 ML VOA                     | 6                    |    | HCL                                           |                         |            |                |                         |          |
|                      |            | 40 ML VOA                     | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                         |          |
|                      |            | 1 LITER AMBER                 | 2                    |    | NEAT                                          |                         |            |                |                         |          |
|                      |            | 500 ML AMBER                  | 1                    |    | NEAT                                          |                         |            |                |                         |          |
|                      |            | 250 ML PLASTIC                | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                         |          |
|                      |            | 125 ML PLASTIC FILTERED       | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                         |          |
|                      |            | 500 ML PLASTIC                | 1                    |    | NaOH                                          |                         |            |                |                         |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE   |                      |    |                                               |                         |            |                |                         |          |
|                      |            | WATER QUALITY/PARAMETER PROBE |                      |    |                                               |                         |            |                |                         |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS               |                      |    |                                               |                         |            |                |                            |          |
|----------------------|------------|-------------------------------|----------------------|----|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| MKTf-09              |            | Volumes                       | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mV) |
| GAUGE DATE           | 6-2-22     | Initial                       |                      |    |                                               |                         |            |                |                            |          |
| GAUGE TIME           |            | 1                             |                      |    |                                               |                         |            |                |                            |          |
| DHC (FEET)           | 15.13      | 2                             |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 15.16      | 3                             |                      |    |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 22.70      | 4                             |                      |    |                                               |                         |            |                |                            |          |
| DTB - DTW            |            | 5                             |                      |    |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                             |                      |    |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                               |                      |    |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                               |                      |    |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:           |                      |    |                                               |                         |            |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME |            | COMMENTS: HAS Product         |                      |    |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      |            |                               |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           |            |                               |                      |    |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                               |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:           |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE TIME          |            | COMMENTS:                     |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                               |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                         |            |                |                            |          |
| MKTf-09              |            | 40 ML VOA                     | 6                    |    | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                     | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                 | 2                    |    | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                  | 1                    |    | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED       | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                | 1                    |    | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE   |                      |    |                                               |                         |            |                |                            |          |
|                      |            | WATER QUALITY/PARAMETER PROBE |                      |    |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |                      | TEST PARAMETERS                                   |                      |    |                                               |                         |            |                |                            |          |
|----------------------|----------------------|---------------------------------------------------|----------------------|----|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| MKTf-10              |                      | Volumes                                           | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-2-22               | Initial                                           |                      |    |                                               |                         |            |                |                            |          |
| GAUGE TIME           |                      | 1                                                 |                      |    |                                               |                         |            |                |                            |          |
| DHC (FEET)           | <del>8.20</del> 8.20 | 2                                                 |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           | <del>8.35</del> 8.35 | 3                                                 |                      |    |                                               |                         |            |                |                            |          |
| DTB (FEET)           |                      | 4                                                 |                      |    |                                               |                         |            |                |                            |          |
| DTB - DTW            |                      | 5                                                 |                      |    |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4"           | 6                                                 |                      |    |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2"           |                                                   |                      |    |                                               |                         |            |                |                            |          |
| PURGING DATA         |                      |                                                   |                      |    |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    |                      | WEATHER CONDITIONS:<br>Sunny 74°F 13 mph SW winds |                      |    |                                               |                         |            |                |                            |          |
| PURGE DATE           | 6/2/22               | WATER APPEARANCE / ODOR:                          |                      |    |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME |                      | COMMENTS:<br>HAS Product                          |                      |    |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      |                      |                                                   |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           |                      |                                                   |                      |    |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |                      |                                                   |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE DATE          |                      | WEATHER CONDITIONS:                               |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           |                      | WATER APPEARANCE / ODOR:<br>HAS Product           |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE TIME          |                      | COMMENTS:                                         |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |                      |                                                   |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE ID            |                      | CONTAINER TYPE                                    | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                         |            |                |                            |          |
| MKTf-10              |                      | 40 ML VOA                                         | 6                    |    | HCL                                           |                         |            |                |                            |          |
|                      |                      | 40 ML VOA                                         | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |                      | 1 LITER AMBER                                     | 2                    |    | NEAT                                          |                         |            |                |                            |          |
|                      |                      | 500 ML AMBER                                      | 1                    |    | NEAT                                          |                         |            |                |                            |          |
|                      |                      | 250 ML PLASTIC                                    | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |                      | 125 ML PLASTIC FILTERED                           | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |                      | 500 ML PLASTIC                                    | 1                    |    | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |                      | OIL / WATER INTERFACE PROBE                       |                      |    |                                               |                         |            |                |                            |          |
|                      |                      | WATER QUALITY/PARAMETER PROBE                     |                      |    |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                              |                      |      |                                               |                         |            |                |                            |          |
|----------------------|------------|--------------------------------------------------------------|----------------------|------|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| MKTf-11              |            | Volumes                                                      | TIME                 | pH   | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-2-22     | Initial                                                      | 16:00                | 6.95 | 20.4                                          | 4.25                    | 2762.50    | 2.27           | 0.84                       | -40.5    |
| GAUGE TIME           |            | 1                                                            | 10:15                | 6.96 | 19.1                                          | 4.25                    | 2783.00    | 2.27           | 0.83                       | -31.3    |
| DHC (FEET)           | NA         | 2                                                            |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 8.80       | 3                                                            |                      |      |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 18.50      | 4                                                            |                      |      |                                               |                         |            |                |                            |          |
| DTB - DTW            | 9.70       | 5                                                            |                      |      |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                            |                      |      |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                                                              |                      |      |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                                                              |                      |      |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    | 19         | WEATHER CONDITIONS:<br>Sunny 72°F 13 SE winds                |                      |      |                                               |                         |            |                |                            |          |
| PURGE DATE           | 6-20-22    | WATER APPEARANCE / ODOR:<br>Grayish / slight HC odor         |                      |      |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME | 12:10      | COMMENTS:<br>Purged Dry                                      |                      |      |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      | 15.50      |                                                              |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | DRY        |                                                              |                      |      |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                                                              |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE DATE          | 6/21/22    | WEATHER CONDITIONS:<br>Sunny 72°F Calm SE winds              |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 8.85       | WATER APPEARANCE / ODOR:<br>Grayish / light HC odor          |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE TIME          | 16:00      | COMMENTS:                                                    |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                                                              |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                                               | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                         |            |                |                            |          |
| MKTf-11              |            | 40 ML VOA                                                    | 6                    |      | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                                                    | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                                                | 2                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                                                 | 1                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                                               | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                                      | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                                               | 1                    |      | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE<br>WATER QUALITY/PARAMETER PROBE |                      |      |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS               |                      |    |                                               |                         |            |                |                         |          |
|----------------------|------------|-------------------------------|----------------------|----|-----------------------------------------------|-------------------------|------------|----------------|-------------------------|----------|
| MKTf-12              |            | Volumes                       | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (%) | ORP (mv) |
| GAUGE DATE           | 6-2-22     | Initial                       |                      |    |                                               |                         |            |                |                         |          |
| GAUGE TIME           |            | 1                             |                      |    |                                               |                         |            |                |                         |          |
| DHC (FEET)           | 19.20      | 2                             |                      |    |                                               |                         |            |                |                         |          |
| DTW (FEET)           | 19.27      | 3                             |                      |    |                                               |                         |            |                |                         |          |
| DTB (FEET)           | 25.90      | 4                             |                      |    |                                               |                         |            |                |                         |          |
| DTB - DTW            |            | 5                             |                      |    |                                               |                         |            |                |                         |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                             |                      |    |                                               |                         |            |                |                         |          |
|                      | 0.163 - 2" |                               |                      |    |                                               |                         |            |                |                         |          |
| PURGING DATA         |            |                               |                      |    |                                               |                         |            |                |                         |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:           |                      |    |                                               |                         |            |                |                         |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                         |            |                |                         |          |
| END OF PURGE<br>TIME |            | COMMENTS: HAS Product         |                      |    |                                               |                         |            |                |                         |          |
| PURGE<br>AMOUNT      |            |                               |                      |    |                                               |                         |            |                |                         |          |
| DTW (FEET)           |            |                               |                      |    |                                               |                         |            |                |                         |          |
| SAMPLING DATA        |            |                               |                      |    |                                               |                         |            |                |                         |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:           |                      |    |                                               |                         |            |                |                         |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                         |            |                |                         |          |
| SAMPLE TIME          |            | COMMENTS:                     |                      |    |                                               |                         |            |                |                         |          |
| SAMPLE LOG           |            |                               |                      |    |                                               |                         |            |                |                         |          |
| SAMPLE ID            |            | CONTAINER TYPE                | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                         |            |                |                         |          |
| MKTf-12              |            | 40 ML VOA                     | 6                    |    | HCL                                           |                         |            |                |                         |          |
|                      |            | 40 ML VOA                     | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                         |          |
|                      |            | 1 LITER AMBER                 | 2                    |    | NEAT                                          |                         |            |                |                         |          |
|                      |            | 500 ML AMBER                  | 1                    |    | NEAT                                          |                         |            |                |                         |          |
|                      |            | 250 ML PLASTIC                | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                         |          |
|                      |            | 125 ML PLASTIC FILTERED       | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                         |          |
|                      |            | 500 ML PLASTIC                | 1                    |    | NaOH                                          |                         |            |                |                         |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE   |                      |    |                                               |                         |            |                |                         |          |
|                      |            | WATER QUALITY/PARAMETER PROBE |                      |    |                                               |                         |            |                |                         |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS               |                      |    |                                               |                         |            |                |                         |          |
|----------------------|------------|-------------------------------|----------------------|----|-----------------------------------------------|-------------------------|------------|----------------|-------------------------|----------|
| MKTf-13              |            | Volumes                       | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (%) | ORP (mv) |
| GAUGE DATE           | 6-2-22     | Initial                       |                      |    |                                               |                         |            |                |                         |          |
| GAUGE TIME           |            | 1                             |                      |    |                                               |                         |            |                |                         |          |
| DHC (FEET)           | 13.79      | 2                             |                      |    |                                               |                         |            |                |                         |          |
| DTW (FEET)           | 15.15      | 3                             |                      |    |                                               |                         |            |                |                         |          |
| DTB (FEET)           | 21.75      | 4                             |                      |    |                                               |                         |            |                |                         |          |
| DTB - DTW            |            | 5                             |                      |    |                                               |                         |            |                |                         |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                             |                      |    |                                               |                         |            |                |                         |          |
|                      | 0.163 - 2" |                               |                      |    |                                               |                         |            |                |                         |          |
| PURGING DATA         |            |                               |                      |    |                                               |                         |            |                |                         |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:           |                      |    |                                               |                         |            |                |                         |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                         |            |                |                         |          |
| END OF PURGE<br>TIME |            | COMMENTS: HAS Product         |                      |    |                                               |                         |            |                |                         |          |
| PURGE<br>AMOUNT      |            |                               |                      |    |                                               |                         |            |                |                         |          |
| DTW (FEET)           |            |                               |                      |    |                                               |                         |            |                |                         |          |
| SAMPLING DATA        |            |                               |                      |    |                                               |                         |            |                |                         |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:           |                      |    |                                               |                         |            |                |                         |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                         |            |                |                         |          |
| SAMPLE TIME          |            | COMMENTS:                     |                      |    |                                               |                         |            |                |                         |          |
| SAMPLE LOG           |            |                               |                      |    |                                               |                         |            |                |                         |          |
| SAMPLE ID            |            | CONTAINER TYPE                | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                         |            |                |                         |          |
| MKTf-13              |            | 40 ML VOA                     | 6                    |    | HCL                                           |                         |            |                |                         |          |
|                      |            | 40 ML VOA                     | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                         |          |
|                      |            | 1 LITER AMBER                 | 2                    |    | NEAT                                          |                         |            |                |                         |          |
|                      |            | 500 ML AMBER                  | 1                    |    | NEAT                                          |                         |            |                |                         |          |
|                      |            | 250 ML PLASTIC                | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                         |          |
|                      |            | 125 ML PLASTIC FILTERED       | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                         |          |
|                      |            | 500 ML PLASTIC                | 1                    |    | NaOH                                          |                         |            |                |                         |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE   |                      |    |                                               |                         |            |                |                         |          |
|                      |            | WATER QUALITY/PARAMETER PROBE |                      |    |                                               |                         |            |                |                         |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS               |                      |    |                                               |                         |            |                |                         |          |
|----------------------|------------|-------------------------------|----------------------|----|-----------------------------------------------|-------------------------|------------|----------------|-------------------------|----------|
| MKTF-14              |            | Volumes                       | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (%) | ORP (mv) |
| GAUGE DATE           | 6.2.22     | Initial                       |                      |    |                                               |                         |            |                |                         |          |
| GAUGE TIME           |            | 1                             |                      |    |                                               |                         |            |                |                         |          |
| DHC (FEET)           | 7.25       | 2                             |                      |    |                                               |                         |            |                |                         |          |
| DTW (FEET)           | 7.76       | 3                             |                      |    |                                               |                         |            |                |                         |          |
| DTB (FEET)           | 17.58      | 4                             |                      |    |                                               |                         |            |                |                         |          |
| DTB - DTW            |            | 5                             |                      |    |                                               |                         |            |                |                         |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                             |                      |    |                                               |                         |            |                |                         |          |
|                      | 0.163 - 2" |                               |                      |    |                                               |                         |            |                |                         |          |
| PURGING DATA         |            |                               |                      |    |                                               |                         |            |                |                         |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:           |                      |    |                                               |                         |            |                |                         |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                         |            |                |                         |          |
| END OF PURGE<br>TIME |            | COMMENTS: HAS Product         |                      |    |                                               |                         |            |                |                         |          |
| PURGE<br>AMOUNT      |            |                               |                      |    |                                               |                         |            |                |                         |          |
| DTW (FEET)           |            |                               |                      |    |                                               |                         |            |                |                         |          |
| SAMPLING DATA        |            |                               |                      |    |                                               |                         |            |                |                         |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:           |                      |    |                                               |                         |            |                |                         |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                         |            |                |                         |          |
| SAMPLE TIME          |            | COMMENTS:                     |                      |    |                                               |                         |            |                |                         |          |
| SAMPLE LOG           |            |                               |                      |    |                                               |                         |            |                |                         |          |
| SAMPLE ID            |            | CONTAINER TYPE                | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                         |            |                |                         |          |
| MKTF-14              |            | 40 ML VOA                     | 6                    |    | HCL                                           |                         |            |                |                         |          |
|                      |            | 40 ML VOA                     | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                         |          |
|                      |            | 1 LITER AMBER                 | 2                    |    | NEAT                                          |                         |            |                |                         |          |
|                      |            | 500 ML AMBER                  | 1                    |    | NEAT                                          |                         |            |                |                         |          |
|                      |            | 250 ML PLASTIC                | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                         |          |
|                      |            | 125 ML PLASTIC FILTERED       | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                         |          |
|                      |            | 500 ML PLASTIC                | 1                    |    | NaOH                                          |                         |            |                |                         |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE   |                      |    |                                               |                         |            |                |                         |          |
|                      |            | WATER QUALITY/PARAMETER PROBE |                      |    |                                               |                         |            |                |                         |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS               |                      |    |                                               |                         |            |                |                            |          |
|----------------------|------------|-------------------------------|----------------------|----|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| MKTF-15              |            | Volumes                       | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-2-27     | Initial                       |                      |    |                                               |                         |            |                |                            |          |
| GAUGE TIME           |            | 1                             |                      |    |                                               |                         |            |                |                            |          |
| DHC (FEET)           | 13.21      | 2                             |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 13.85      | 3                             |                      |    |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 19.61      | 4                             |                      |    |                                               |                         |            |                |                            |          |
| DTB - DTW            |            | 5                             |                      |    |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                             |                      |    |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                               |                      |    |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                               |                      |    |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:           |                      |    |                                               |                         |            |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME |            | COMMENTS: HAS Product         |                      |    |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      |            |                               |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           |            |                               |                      |    |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                               |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:           |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE TIME          |            | COMMENTS:                     |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                               |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                         |            |                |                            |          |
| MKTF-15              |            | 40 ML VOA                     | 6                    |    | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                     | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                 | 2                    |    | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                  | 1                    |    | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED       | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                | 1                    |    | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE   |                      |    |                                               |                         |            |                |                            |          |
|                      |            | WATER QUALITY/PARAMETER PROBE |                      |    |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |       |      |                             |                         |            |                |                            |          |
|----------------------|------------|-----------------|-------|------|-----------------------------|-------------------------|------------|----------------|----------------------------|----------|
| MKTf-16              |            | Volumes         | TIME  | pH   | Temperature<br>Degrees (°C) | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-1-22     | Initial         | 10:20 | 7.20 | 20.1                        | 0.77                    | 500.50     | 0.38           | 6.15                       | -22.3    |
| GAUGE TIME           |            | 1               | 10:35 | 7.20 | 20.5                        | 0.78                    | 507.00     | 0.38           | 6.04                       | -22.8    |
| DHC (FEET)           | NA         | 2               |       |      |                             |                         |            |                |                            |          |
| DTW (FEET)           | 7.83       | 3               |       |      |                             |                         |            |                |                            |          |
| DTB (FEET)           | 10.94      | 4               |       |      |                             |                         |            |                |                            |          |
| DTB - DTW            | 3.11       | 5               |       |      |                             |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6               |       |      |                             |                         |            |                |                            |          |
|                      | 0.163 - 2" |                 |       |      |                             |                         |            |                |                            |          |

## PURGING DATA

|                      |         |                                                   |
|----------------------|---------|---------------------------------------------------|
| 3 WELL<br>VOLUMES    | 1.5     | WEATHER CONDITIONS:<br>Sunny 72°F 12 mph SW winds |
| PURGE DATE           | 6-20-22 | WATER APPEARANCE / ODOR:<br>Clear / No odor       |
| END OF PURGE<br>TIME | 11:45   | COMMENTS:<br>Purged Dry                           |
| PURGE<br>AMOUNT      | 1.00    |                                                   |
| DTW (FEET)           | DRY     |                                                   |

## SAMPLING DATA

|             |         |                                                                         |
|-------------|---------|-------------------------------------------------------------------------|
| SAMPLE DATE | 6/21/22 | WEATHER CONDITIONS:<br>Sunny 73°F 6 mph SE winds                        |
| DTW (FEET)  | 9.08    | WATER APPEARANCE / ODOR:<br>Clear / No odor                             |
| SAMPLE TIME | 10:20   | COMMENTS:<br>NaOH<br>Could only fill 100's, Metals, Filter, and 1 Amber |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
| MKTf-16   | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED OIL / WATER INTERFACE PROBE  
WATER QUALITY/PARAMETER PROBE

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS               |                      |    |                                               |                         |            |                |                            |          |
|----------------------|------------|-------------------------------|----------------------|----|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| MKTf-17R             |            | Volumes                       | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-1-22     | Initial                       |                      |    |                                               |                         |            |                |                            |          |
| GAUGE TIME           |            | 1                             |                      |    |                                               |                         |            |                |                            |          |
| DHC (FEET)           | 13.23      | 2                             |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 13.43      | 3                             |                      |    |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 20.50      | 4                             |                      |    |                                               |                         |            |                |                            |          |
| DTB - DTW            |            | 5                             |                      |    |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                             |                      |    |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                               |                      |    |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                               |                      |    |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:           |                      |    |                                               |                         |            |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME |            | COMMENTS: HAS Product         |                      |    |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      |            |                               |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           |            |                               |                      |    |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                               |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:           |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE TIME          |            | COMMENTS:                     |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                               |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                         |            |                |                            |          |
| MKTf-17R             |            | 40 ML VOA                     | 6                    |    | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                     | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                 | 2                    |    | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                  | 1                    |    | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED       | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                | 1                    |    | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE   |                      |    |                                               |                         |            |                |                            |          |
|                      |            | WATER QUALITY/PARAMETER PROBE |                      |    |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |       |      |                             |                         |            |                |                            |          |
|----------------------|------------|-----------------|-------|------|-----------------------------|-------------------------|------------|----------------|----------------------------|----------|
| MKTF-18R             |            | Volumes         | TIME  | pH   | Temperature<br>Degrees (°C) | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-1-22     | Initial         | 10:52 | 7.02 | 14.3                        | 1.93                    | 1254.50    | 0.99           | 0.48                       | -129.9   |
| GAUGE TIME           |            | 1               | 10:56 | 7.02 | 14.5                        | 1.93                    | 1254.50    | 1.01           | 0.50                       | -141.3   |
| DHC (FEET)           | NA         | 2               | 10:59 | 6.91 | 15.1                        | 1.92                    | 1246.00    | 0.98           | 0.47                       | -98.8    |
| DTW (FEET)           | 11.13      | 3               |       |      |                             |                         |            |                |                            |          |
| DTB (FEET)           | 25.47      | 4               |       |      |                             |                         |            |                |                            |          |
| DTB - DTW            | 14.34      | 5               |       |      |                             |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6               |       |      |                             |                         |            |                |                            |          |
|                      | 0.163 - 2" |                 |       |      |                             |                         |            |                |                            |          |

## PURGING DATA

|                      |         |                                                             |
|----------------------|---------|-------------------------------------------------------------|
| 3 WELL<br>VOLUMES    | 7.00    | WEATHER CONDITIONS:<br>Sunny                                |
| PURGE DATE           | 6-20-22 | WATER APPEARANCE / ODOR:<br>Brown / Pinkish / Light HC odor |
| END OF PURGE<br>TIME | 11:06   | COMMENTS:<br>Shcen in Buckets                               |
| PURGE<br>AMOUNT      | 7.00    |                                                             |
| DTW (FEET)           | 18.90   |                                                             |

## SAMPLING DATA

|             |         |                                                          |
|-------------|---------|----------------------------------------------------------|
| SAMPLE DATE | 6/21/22 | WEATHER CONDITIONS:<br>Cloudy / 64°F 5mph E winds        |
| DTW (FEET)  | 11.21   | WATER APPEARANCE / ODOR:<br>Brown / Pink / light HC odor |
| SAMPLE TIME | 8:45    | COMMENTS:<br>Shcen in Bucket                             |

## SAMPLE LOG

| SAMPLE ID     | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|---------------|-------------------------|----------------------|-----------------------------------------------|
| MKTF-18R<br>↓ | 40 ML VOA               | 6                    | HCL                                           |
|               | 40 ML VOA               | 2                    | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|               | 1 LITER AMBER           | 2                    | NEAT                                          |
|               | 500 ML AMBER            | 1                    | NEAT                                          |
|               | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|               | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|               | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED OIL / WATER INTERFACE PROBE  
WATER QUALITY/PARAMETER PROBE

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS               |                      |    |                                               |                         |            |                |                            |          |
|----------------------|------------|-------------------------------|----------------------|----|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| MKTf-19              |            | Volumes                       | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-1-22     | Initial                       |                      |    |                                               |                         |            |                |                            |          |
| GAUGE TIME           |            | 1                             |                      |    |                                               |                         |            |                |                            |          |
| DHC (FEET)           | 12.96      | 2                             |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 13.88      | 3                             |                      |    |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 19.45      | 4                             |                      |    |                                               |                         |            |                |                            |          |
| DTB - DTW            |            | 5                             |                      |    |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                             |                      |    |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                               |                      |    |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                               |                      |    |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:           |                      |    |                                               |                         |            |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME |            | COMMENTS:<br>HDS Product      |                      |    |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      |            |                               |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           |            |                               |                      |    |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                               |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:           |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE TIME          |            | COMMENTS:                     |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                               |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                         |            |                |                            |          |
| MKTf-19              |            | 40 ML VOA                     | 6                    |    | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                     | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                 | 2                    |    | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                  | 1                    |    | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED       | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                | 1                    |    | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE   |                      |    |                                               |                         |            |                |                            |          |
|                      |            | WATER QUALITY/PARAMETER PROBE |                      |    |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS               |                      |    |                                               |                         |            |                |                            |          |
|----------------------|------------|-------------------------------|----------------------|----|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| MKTf-20              |            | Volumes                       | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-1-22     | Initial                       |                      |    |                                               |                         |            |                |                            |          |
| GAUGE TIME           |            | 1                             |                      |    |                                               |                         |            |                |                            |          |
| DHC (FEET)           | NA         | 2                             |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           | DRY        | 3                             |                      |    |                                               |                         |            |                |                            |          |
| DTB (FEET)           |            | 4                             |                      |    |                                               |                         |            |                |                            |          |
| DTB - DTW            |            | 5                             |                      |    |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                             |                      |    |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                               |                      |    |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                               |                      |    |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:           |                      |    |                                               |                         |            |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME |            | COMMENTS: DRY                 |                      |    |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      |            |                               |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           |            |                               |                      |    |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                               |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:           |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE TIME          |            | COMMENTS:                     |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                               |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                         |            |                |                            |          |
| MKTf-20              |            | 40 ML VOA                     | 6                    |    | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                     | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                 | 2                    |    | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                  | 1                    |    | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED       | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                | 1                    |    | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE   |                      |    |                                               |                         |            |                |                            |          |
|                      |            | WATER QUALITY/PARAMETER PROBE |                      |    |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                      |                      |    |                                               |                         |            |                |                            |          |
|----------------------|------------|--------------------------------------|----------------------|----|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| MKTf-21              |            | Volumes                              | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-1-22     | Initial                              |                      |    |                                               |                         |            |                |                            |          |
| GAUGE TIME           |            | 1                                    |                      |    |                                               |                         |            |                |                            |          |
| DHC (FEET)           | NP         | 2                                    |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 9.85       | 3                                    |                      |    |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 8.95       | 4                                    |                      |    |                                               |                         |            |                |                            |          |
| DTB - DTW            |            | 5                                    |                      |    |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                    |                      |    |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                                      |                      |    |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                                      |                      |    |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:                  |                      |    |                                               |                         |            |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:             |                      |    |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME |            | COMMENTS: Not enough fluid to Purge  |                      |    |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      |            |                                      |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           |            |                                      |                      |    |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                                      |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:                  |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:             |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE TIME          |            | COMMENTS: Not enough fluid to Sample |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                                      |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                       | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                         |            |                |                            |          |
| MKTf-21              |            | 40 ML VOA                            | 6                    |    | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                            | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                        | 2                    |    | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                         | 1                    |    | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                       | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED              | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                       | 1                    |    | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE          |                      |    |                                               |                         |            |                |                            |          |
|                      |            | WATER QUALITY/PARAMETER PROBE        |                      |    |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS               |                      |    |                                               |                         |            |                |                            |          |
|----------------------|------------|-------------------------------|----------------------|----|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| MKTf-22              |            | Volumes                       | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-1-22     | Initial                       |                      |    |                                               |                         |            |                |                            |          |
| GAUGE TIME           |            | 1                             |                      |    |                                               |                         |            |                |                            |          |
| DHC (FEET)           | 25.41      | 2                             |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 27.93      | 3                             |                      |    |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 35.70      | 4                             |                      |    |                                               |                         |            |                |                            |          |
| DTB - DTW            |            | 5                             |                      |    |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                             |                      |    |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                               |                      |    |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                               |                      |    |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:           |                      |    |                                               |                         |            |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME |            | COMMENTS: HAS Product         |                      |    |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      |            |                               |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           |            |                               |                      |    |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                               |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:           |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE TIME          |            | COMMENTS:                     |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                               |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                         |            |                |                            |          |
| MKTf-22              |            | 40 ML VOA                     | 6                    |    | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                     | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                 | 2                    |    | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                  | 1                    |    | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED       | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                | 1                    |    | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE   |                      |    |                                               |                         |            |                |                            |          |
|                      |            | WATER QUALITY/PARAMETER PROBE |                      |    |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS               |                      |    |                                               |                         |            |                |                            |          |
|----------------------|------------|-------------------------------|----------------------|----|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| MKTf-23              |            | Volumes                       | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-1-22     | Initial                       |                      |    |                                               |                         |            |                |                            |          |
| GAUGE TIME           |            | 1                             |                      |    |                                               |                         |            |                |                            |          |
| DHC (FEET)           | 14.30      | 2                             |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 14.35      | 3                             |                      |    |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 20.43      | 4                             |                      |    |                                               |                         |            |                |                            |          |
| DTB - DTW            |            | 5                             |                      |    |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                             |                      |    |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                               |                      |    |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                               |                      |    |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:           |                      |    |                                               |                         |            |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME |            | COMMENTS: HAS Product         |                      |    |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      |            |                               |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           |            |                               |                      |    |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                               |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:           |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE TIME          |            | COMMENTS:                     |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                               |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                         |            |                |                            |          |
| MKTf-23              |            | 40 ML VOA                     | 6                    |    | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                     | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                 | 2                    |    | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                  | 1                    |    | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED       | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                | 1                    |    | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE   |                      |    |                                               |                         |            |                |                            |          |
|                      |            | WATER QUALITY/PARAMETER PROBE |                      |    |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |      |    |                             |                         |            |                |                            |          |
|----------------------|------------|-----------------|------|----|-----------------------------|-------------------------|------------|----------------|----------------------------|----------|
| MKTf-24              |            | Volumes         | TIME | pH | Temperature<br>Degrees (°C) | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-2-22     | Initial         |      |    |                             |                         |            |                |                            |          |
| GAUGE TIME           |            | 1               |      |    |                             |                         |            |                |                            |          |
| DHC (FEET)           | 23.41      | 2               |      |    |                             |                         |            |                |                            |          |
| DTW (FEET)           | 23.43      | 3               |      |    |                             |                         |            |                |                            |          |
| DTB (FEET)           |            | 4               |      |    |                             |                         |            |                |                            |          |
| DTB - DTW            |            | 5               |      |    |                             |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6               |      |    |                             |                         |            |                |                            |          |
|                      | 0.163 - 2" |                 |      |    |                             |                         |            |                |                            |          |

## PURGING DATA

|                      |  |                          |
|----------------------|--|--------------------------|
| 3 WELL<br>VOLUMES    |  | WEATHER CONDITIONS:      |
| PURGE DATE           |  | WATER APPEARANCE / ODOR: |
| END OF PURGE<br>TIME |  | COMMENTS: HAS Product    |
| PURGE<br>AMOUNT      |  |                          |
| DTW (FEET)           |  |                          |

## SAMPLING DATA

|             |  |                          |
|-------------|--|--------------------------|
| SAMPLE DATE |  | WEATHER CONDITIONS:      |
| DTW (FEET)  |  | WATER APPEARANCE / ODOR: |
| SAMPLE TIME |  | COMMENTS: HAS Product    |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
| MKTf-24   | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED OIL / WATER INTERFACE PROBE  
WATER QUALITY/PARAMETER PROBE

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                |                      |    |                                               |                         |            |                |                            |          |
|----------------------|------------|------------------------------------------------|----------------------|----|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| MKTf-25              |            | Volumes                                        | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-2-27     | Initial                                        |                      |    |                                               |                         |            |                |                            |          |
| GAUGE TIME           |            | 1                                              |                      |    |                                               |                         |            |                |                            |          |
| DHC (FEET)           | 13.63      | 2                                              |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 13.65      | 3                                              |                      |    |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 20.38      | 4                                              |                      |    |                                               |                         |            |                |                            |          |
| DTB - DTW            |            | 5                                              |                      |    |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                              |                      |    |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                                                |                      |    |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                                                |                      |    |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:                            |                      |    |                                               |                         |            |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:<br><i>HAS Product</i> |                      |    |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME |            | COMMENTS:                                      |                      |    |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      |            |                                                |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           |            |                                                |                      |    |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                                                |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:                            |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:                       |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE TIME          |            | COMMENTS:<br><i>HAS Product</i>                |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                                                |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                                 | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                         |            |                |                            |          |
| MKTf-25              |            | 40 ML VOA                                      | 6                    |    | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                                      | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                                  | 2                    |    | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                                   | 1                    |    | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                                 | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                        | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                                 | 1                    |    | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                    |                      |    |                                               |                         |            |                |                            |          |
|                      |            | WATER QUALITY/PARAMETER PROBE                  |                      |    |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS               |                      |    |                                               |                         |            |                |                            |          |
|----------------------|------------|-------------------------------|----------------------|----|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| MKTf-26              |            | Volumes                       | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-1-22     | Initial                       |                      |    |                                               |                         |            |                |                            |          |
| GAUGE TIME           |            | 1                             |                      |    |                                               |                         |            |                |                            |          |
| DHC (FEET)           | 8.96       | 2                             |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 8.98       | 3                             |                      |    |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 16.90      | 4                             |                      |    |                                               |                         |            |                |                            |          |
| DTB - DTW            |            | 5                             |                      |    |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                             |                      |    |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                               |                      |    |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                               |                      |    |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:           |                      |    |                                               |                         |            |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME |            | COMMENTS: HAS Product         |                      |    |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      |            |                               |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           |            |                               |                      |    |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                               |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:           |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE TIME          |            | COMMENTS:                     |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                               |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                         |            |                |                            |          |
| MKTf-26              |            | 40 ML VOA                     | 6                    |    | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                     | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                 | 2                    |    | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                  | 1                    |    | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED       | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                | 1                    |    | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE   |                      |    |                                               |                         |            |                |                            |          |
|                      |            | WATER QUALITY/PARAMETER PROBE |                      |    |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                              |                      |      |                                               |                         |            |                |                            |          |
|----------------------|------------|--------------------------------------------------------------|----------------------|------|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| MKTf-27              |            | Volumes                                                      | TIME                 | pH   | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-2-22     | Initial                                                      | 9:21                 | 6.73 | 13.9                                          | 11.06                   | 7189.00    | 6.31           | 1.41                       | 187.1    |
| GAUGE TIME           |            | 1                                                            | 9:25                 | 6.73 | 13.7                                          | 10.95                   | 7130.50    | 6.26           | 1.42                       | 175.3    |
| DHC (FEET)           | NA         | 2                                                            | 9:30                 | 6.79 | 14.6                                          | 10.90                   | 7130.00    | 6.22           | 1.42                       | 163.5    |
| DTW (FEET)           | 7.12       | 3                                                            |                      |      |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 14.74      | 4                                                            |                      |      |                                               |                         |            |                |                            |          |
| DTB - DTW            | 7.62       | 5                                                            |                      |      |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                            |                      |      |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                                                              |                      |      |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                                                              |                      |      |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    | 3.75       | WEATHER CONDITIONS:<br>Sunny 68°F 6mph SW winds              |                      |      |                                               |                         |            |                |                            |          |
| PURGE DATE           | 6-23-22    | WATER APPEARANCE / ODOR:<br>light Brown / No odor            |                      |      |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME | 9:30       | COMMENTS:                                                    |                      |      |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      | 3.75       |                                                              |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 13.08      |                                                              |                      |      |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                                                              |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE DATE          | 6-24-22    | WEATHER CONDITIONS:<br>Sunny 64°F 6mph SW winds              |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 10.04      | WATER APPEARANCE / ODOR:<br>light Brown No odor              |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE TIME          | 8:30       | COMMENTS:<br>Dup collected - Dup-6-24-22                     |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                                                              |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                                               | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                         |            |                |                            |          |
| MKTf-27              |            | 40 ML VOA                                                    | 6                    |      | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                                                    | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                                                | 2                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                                                 | 1                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                                               | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                                      | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                                               | 1                    |      | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE<br>WATER QUALITY/PARAMETER PROBE |                      |      |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                  |                      |      |                                               |                         |            |                |                            |          |
|----------------------|------------|--------------------------------------------------|----------------------|------|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| MKTf-28              |            | Volumes                                          | TIME                 | pH   | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-2-22     | Initial                                          | 9:47                 | 7.14 | 14.8                                          | 4.02                    | 2613.00    | 2.14           | 1.57                       | 197.0    |
| GAUGE TIME           |            | 1                                                | 9:50                 | 7.17 | 14.8                                          | 4.04                    | 2626.00    | 2.15           | 1.58                       | 194.7    |
| DHC (FEET)           | NA         | 2                                                | 9:54                 | 7.14 | 14.9                                          | 4.00                    | 2600.00    | 2.13           | 1.57                       | 194.5    |
| DTW (FEET)           | 8.86       | 3                                                |                      |      |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 16.16      | 4                                                |                      |      |                                               |                         |            |                |                            |          |
| DTB - DTW            | 7.30       | 5                                                |                      |      |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                |                      |      |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                                                  |                      |      |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                                                  |                      |      |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    | 3.50       | WEATHER CONDITIONS:<br>Sunny 65°F 6 mph SW winds |                      |      |                                               |                         |            |                |                            |          |
| PURGE DATE           | 6-23-22    | WATER APPEARANCE / ODOR:<br>Clear / No odor      |                      |      |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME | 9:55       | COMMENTS:                                        |                      |      |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      | 3.50       |                                                  |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 13.40      |                                                  |                      |      |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                                                  |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE DATE          | 6-24-22    | WEATHER CONDITIONS:<br>Sunny 65°F 7 mph SW winds |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:<br>Clear / No odor      |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE TIME          | 9:00       | COMMENTS:                                        |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                                                  |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                                   | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                         |            |                |                            |          |
| MKTf-28              |            | 40 ML VOA                                        | 6                    |      | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                                        | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                                    | 2                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                                     | 1                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                                   | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                          | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                                   | 1                    |      | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                      |                      |      |                                               |                         |            |                |                            |          |
|                      |            | WATER QUALITY/PARAMETER PROBE                    |                      |      |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                 |                      |      |                                               |                         |            |                |                            |          |
|----------------------|------------|-------------------------------------------------|----------------------|------|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| MKTf-29              |            | Volumes                                         | TIME                 | pH   | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mV) |
| GAUGE DATE           | 6-27-22    | Initial                                         | 10:40                | 6.71 | 12.1                                          | 6.16                    | 4004.00    | 3.37           | 1.41                       | 106.8    |
| GAUGE TIME           |            | 1                                               | 10:45                | 6.74 | 12.1                                          | 6.14                    | 3991.50    | 3.36           | 1.53                       | 94.1     |
| DHC (FEET)           | NA         | 2                                               | 10:49                | 6.74 | 12.3                                          | 6.10                    | 3965.00    | 3.34           | 1.58                       | 93.7     |
| DTW (FEET)           | 7.07       | 3                                               |                      |      |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 72.85      | 4                                               |                      |      |                                               |                         |            |                |                            |          |
| DTB - DTW            | 15.78      | 5                                               |                      |      |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                               |                      |      |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                                                 |                      |      |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                                                 |                      |      |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    | 7.75       | WEATHER CONDITIONS:<br>Cloudy 63°F              |                      |      |                                               |                         |            |                |                            |          |
| PURGE DATE           | 6-27-22    | WATER APPEARANCE / ODOR:<br>Clear / No odor     |                      |      |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME | 10:50      | COMMENTS:                                       |                      |      |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      | 7.75       |                                                 |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 8.10       |                                                 |                      |      |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                                                 |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE DATE          | 6-28-22    | WEATHER CONDITIONS:<br>Sunny 61°F 3mph SW winds |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 7.04       | WATER APPEARANCE / ODOR:<br>Clear / No odor     |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE TIME          | 8:40       | COMMENTS:<br>Dup collected - Dup-6-28-22        |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                                                 |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                                  | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                         |            |                |                            |          |
| MKTf-29              |            | 40 ML VOA                                       | 6                    |      | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                                       | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                                   | 2                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                                    | 1                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                                  | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                         | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                                  | 1                    |      | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                     |                      |      |                                               |                         |            |                |                            |          |
|                      |            | WATER QUALITY/PARAMETER PROBE                   |                      |      |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                              |                      |      |                                               |                         |            |                |                            |          |
|----------------------|------------|--------------------------------------------------------------|----------------------|------|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| MKTf-30              |            | Volumes                                                      | TIME                 | pH   | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-2-22     | Initial                                                      | 9:15                 | 7.40 | 13.5                                          | 3.71                    | 2411.50    | 1.97           | 4.20                       | 267.1    |
| GAUGE TIME           |            | 1                                                            | 8:30                 | 7.30 | 14.5                                          | 3.71                    | 2411.50    | 1.98           | 3.30                       | 248.3    |
| DHC (FEET)           | NA         | 2                                                            |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 17.63      | 3                                                            |                      |      |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 23.27      | 4                                                            |                      |      |                                               |                         |            |                |                            |          |
| DTB - DTW            | 5.59       | 5                                                            |                      |      |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                            |                      |      |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                                                              |                      |      |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                                                              |                      |      |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    | 2.75       | WEATHER CONDITIONS:<br>Cloudy 63°F 7mph SW winds             |                      |      |                                               |                         |            |                |                            |          |
| PURGE DATE           | 6-27-22    | WATER APPEARANCE / ODOR:<br>Clear/No odor                    |                      |      |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME | 10:00      | COMMENTS:                                                    |                      |      |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      | 1.00       |                                                              |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | DRY        |                                                              |                      |      |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                                                              |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE DATE          | 6-28-22    | WEATHER CONDITIONS:<br>Sunny 61°F 3mph SE winds              |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 17.59      | WATER APPEARANCE / ODOR:<br>Clear/No odor                    |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE TIME          | 8:15       | COMMENTS:                                                    |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                                                              |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                                               | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                         |            |                |                            |          |
| MKTf-30              |            | 40 ML VOA                                                    | 6                    |      | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                                                    | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                                                | 2                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                                                 | 1                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                                               | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                                      | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                                               | 1                    |      | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE<br>WATER QUALITY/PARAMETER PROBE |                      |      |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                              |                      |      |                                               |                         |            |                |                            |          |
|----------------------|------------|--------------------------------------------------------------|----------------------|------|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| MKTf-31              |            | Volumes                                                      | TIME                 | pH   | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-2-22     | Initial                                                      | 2:26                 | 7.20 | 16.1                                          | 2.73                    | 1774.50    | 1.42           | 2.29                       | 226.2    |
| GAUGE TIME           |            | 1                                                            | 2:31                 | 7.19 | 16.0                                          | 2.73                    | 1735.50    | 1.41           | 2.37                       | 217.2    |
| DHC (FEET)           | NA         | 2                                                            | 2:35                 | 7.19 | 16.0                                          | 2.72                    | 1720.00    | 1.41           | 2.32                       | 214.7    |
| DTW (FEET)           | 9.27       | 3                                                            |                      |      |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 19.38      | 4                                                            |                      |      |                                               |                         |            |                |                            |          |
| DTB - DTW            | 10.16      | 5                                                            |                      |      |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                            |                      |      |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                                                              |                      |      |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                                                              |                      |      |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    | 5          | WEATHER CONDITIONS:<br>Sunny / cloudy / 78°F 12 mph SE winds |                      |      |                                               |                         |            |                |                            |          |
| PURGE DATE           | 6-21-22    | WATER APPEARANCE / ODOR:<br>Brown / no odor                  |                      |      |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME | 2:35       | COMMENTS:                                                    |                      |      |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      | 5          |                                                              |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 10.22      |                                                              |                      |      |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                                                              |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE DATE          | 6-22       | WEATHER CONDITIONS:<br>Cloudy / 63°F 13 mph SE winds         |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 9.27       | WATER APPEARANCE / ODOR:<br>Brown / no odor                  |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE TIME          | 9:00       | COMMENTS:                                                    |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                                                              |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE ID<br>MKTf-31 |            | CONTAINER TYPE                                               | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                         |            |                |                            |          |
|                      |            | 40 ML VOA                                                    | 6                    |      | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                                                    | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                                                | 2                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                                                 | 1                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                                               | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                                      | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                                               | 1                    |      | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                                  |                      |      |                                               |                         |            |                |                            |          |
|                      |            | WATER QUALITY/PARAMETER PROBE                                |                      |      |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |      |      |                             |                         |            |                |                            |          |
|----------------------|------------|-----------------|------|------|-----------------------------|-------------------------|------------|----------------|----------------------------|----------|
| MKTf-32              |            | Volumes         | TIME | pH   | Temperature<br>Degrees (°C) | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-1-22     | Initial         | 1:26 | 7.80 | 17.4                        | 2.37                    | 1540.50    | 1.22           | 0.92                       | 194.2    |
| GAUGE TIME           |            | 1               | 1:31 | 7.78 | 17.2                        | 2.37                    | 1540.50    | 1.22           | 0.90                       | 191.0    |
| DHC (FEET)           | NA         | 2               | 1:35 | 7.78 | 17.2                        | 2.36                    | 1538.50    | 1.21           | 0.90                       | 187.4    |
| DTW (FEET)           | 14.75      | 3               |      |      |                             |                         |            |                |                            |          |
| DTB (FEET)           | 27.80      | 4               |      |      |                             |                         |            |                |                            |          |
| DTB - DTW            | 13.05      | 5               |      |      |                             |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6               |      |      |                             |                         |            |                |                            |          |
|                      | 0.163 - 2" |                 |      |      |                             |                         |            |                |                            |          |

## PURGING DATA

|                      |        |                                                |
|----------------------|--------|------------------------------------------------|
| 3 WELL<br>VOLUMES    | 6.40   | WEATHER CONDITIONS:<br>Sunny 89°F 7 mph W wind |
| PURGE DATE           | 6-1-22 | WATER APPEARANCE / ODOR:<br>Clear / No odor    |
| END OF PURGE<br>TIME | 1:35   | COMMENTS:                                      |
| PURGE<br>AMOUNT      | 6.56   |                                                |
| DTW (FEET)           | 24.79  |                                                |

## SAMPLING DATA

|             |         |                                                |
|-------------|---------|------------------------------------------------|
| SAMPLE DATE | 6-16-22 | WEATHER CONDITIONS:<br>Sunny 84°F 3 mph E wind |
| DTW (FEET)  | 14.92   | WATER APPEARANCE / ODOR:<br>Clear / No odor    |
| SAMPLE TIME | 11:05   | COMMENTS:<br>FR Collected - FR 6-16-22         |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
| MKTf-32   | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED OIL / WATER INTERFACE PROBE  
WATER QUALITY/PARAMETER PROBE

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID                       |            | TEST PARAMETERS          |                      |    |                                               |                         |            |                |                            |          |
|-------------------------------|------------|--------------------------|----------------------|----|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| MKTf-33                       |            | Volumes                  | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE                    | 6-22-22    | Initial                  |                      |    |                                               |                         |            |                |                            |          |
| GAUGE TIME                    |            | 1                        |                      |    |                                               |                         |            |                |                            |          |
| DHC (FEET)                    | 23.40      | 2                        |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)                    | 23.46      | 3                        |                      |    |                                               |                         |            |                |                            |          |
| DTB (FEET)                    | 33.12      | 4                        |                      |    |                                               |                         |            |                |                            |          |
| DTB - DTW                     |            | 5                        |                      |    |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT          | 0.653 - 4" | 6                        |                      |    |                                               |                         |            |                |                            |          |
|                               | 0.163 - 2" |                          |                      |    |                                               |                         |            |                |                            |          |
| PURGING DATA                  |            |                          |                      |    |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES             |            | WEATHER CONDITIONS:      |                      |    |                                               |                         |            |                |                            |          |
| PURGE DATE                    |            | WATER APPEARANCE / ODOR: |                      |    |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME          |            | COMMENTS: HAS Product    |                      |    |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT               |            |                          |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)                    |            |                          |                      |    |                                               |                         |            |                |                            |          |
| SAMPLING DATA                 |            |                          |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE DATE                   |            | WEATHER CONDITIONS:      |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)                    |            | WATER APPEARANCE / ODOR: |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE TIME                   |            | COMMENTS:                |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE LOG                    |            |                          |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE ID                     |            | CONTAINER TYPE           | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                         |            |                |                            |          |
| MKTf-33                       |            | 40 ML VOA                | 6                    |    | HCL                                           |                         |            |                |                            |          |
|                               |            | 40 ML VOA                | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                               |            | 1 LITER AMBER            | 2                    |    | NEAT                                          |                         |            |                |                            |          |
|                               |            | 500 ML AMBER             | 1                    |    | NEAT                                          |                         |            |                |                            |          |
|                               |            | 250 ML PLASTIC           | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                               |            | 125 ML PLASTIC FILTERED  | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                               |            | 500 ML PLASTIC           | 1                    |    | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED              |            |                          |                      |    |                                               |                         |            |                |                            |          |
| OIL / WATER INTERFACE PROBE   |            |                          |                      |    |                                               |                         |            |                |                            |          |
| WATER QUALITY/PARAMETER PROBE |            |                          |                      |    |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS               |                      |    |                                               |                         |            |                |                            |          |
|----------------------|------------|-------------------------------|----------------------|----|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| MKTf-34              |            | Volumes                       | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-1-22     | Initial                       |                      |    |                                               |                         |            |                |                            |          |
| GAUGE TIME           |            | 1                             |                      |    |                                               |                         |            |                |                            |          |
| DHC (FEET)           | 18.70      | 2                             |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 18.72      | 3                             |                      |    |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 27.72      | 4                             |                      |    |                                               |                         |            |                |                            |          |
| DTB - DTW            |            | 5                             |                      |    |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                             |                      |    |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                               |                      |    |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                               |                      |    |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:           |                      |    |                                               |                         |            |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME |            | COMMENTS: HAS Product         |                      |    |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      |            |                               |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           |            |                               |                      |    |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                               |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:           |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE TIME          |            | COMMENTS:                     |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                               |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                         |            |                |                            |          |
| MKTf-34              |            | 40 ML VOA                     | 6                    |    | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                     | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                 | 2                    |    | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                  | 1                    |    | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED       | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                | 1                    |    | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE   |                      |    |                                               |                         |            |                |                            |          |
|                      |            | WATER QUALITY/PARAMETER PROBE |                      |    |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                      |                      |      |                                               |                         |            |                |                            |          |
|----------------------|------------|------------------------------------------------------|----------------------|------|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| MKTf-35              |            | Volumes                                              | TIME                 | pH   | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mV) |
| GAUGE DATE           | 6-1-22     | Initial                                              | 9:05                 | 6.85 | 17.6                                          | 2.24                    | 1456.00    | 1.16           | 0.61                       | -78.5    |
| GAUGE TIME           |            | 1                                                    | 9:25                 | 6.86 | 17.4                                          | 2.31                    | 1437.90    | 1.16           | 0.59                       | -98.2    |
| DHC (FEET)           | NA         | 2                                                    |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 10.45      | 3                                                    |                      |      |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 16.19      | 4                                                    |                      |      |                                               |                         |            |                |                            |          |
| DTB - DTW            | 6.04       | 5                                                    |                      |      |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                    |                      |      |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                                                      |                      |      |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                                                      |                      |      |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    | 3          | WEATHER CONDITIONS:<br>Sunny 72°F 11 mph SW winds    |                      |      |                                               |                         |            |                |                            |          |
| PURGE DATE           | 6-20-21    | WATER APPEARANCE / ODOR:<br>Grayish / slight HC odor |                      |      |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME | 11:15      | COMMENTS:                                            |                      |      |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      | 1.00       |                                                      |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | DRY        |                                                      |                      |      |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                                                      |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE DATE          | 6/21/22    | WEATHER CONDITIONS:<br>Cloudy 66°F 5 mph SE winds    |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 10.47      | WATER APPEARANCE / ODOR:<br>Grayish / light HC odor  |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE TIME          | 9:05       | COMMENTS:                                            |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                                                      |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                                       | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                         |            |                |                            |          |
| MKTf-35              |            | 40 ML VOA                                            | 6                    |      | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                                            | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                                        | 2                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                                         | 1                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                                       | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                              | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                                       | 1                    |      | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                          |                      |      |                                               |                         |            |                |                            |          |
|                      |            | WATER QUALITY/PARAMETER PROBE                        |                      |      |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS               |                      |    |                                               |                         |            |                |                            |          |
|----------------------|------------|-------------------------------|----------------------|----|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| MKTf-36              |            | Volumes                       | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-1-22     | Initial                       |                      |    |                                               |                         |            |                |                            |          |
| GAUGE TIME           |            | 1                             |                      |    |                                               |                         |            |                |                            |          |
| DHC (FEET)           | 8.35       | 2                             |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 8.53       | 3                             |                      |    |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 15.60      | 4                             |                      |    |                                               |                         |            |                |                            |          |
| DTB - DTW            |            | 5                             |                      |    |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                             |                      |    |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                               |                      |    |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                               |                      |    |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:           |                      |    |                                               |                         |            |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME |            | COMMENTS: HAS Product         |                      |    |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      |            |                               |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           |            |                               |                      |    |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                               |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:           |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE TIME          |            | COMMENTS:                     |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                               |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                         |            |                |                            |          |
| MKTf-36              |            | 40 ML VOA                     | 6                    |    | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                     | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                 | 2                    |    | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                  | 1                    |    | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED       | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                | 1                    |    | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE   |                      |    |                                               |                         |            |                |                            |          |
|                      |            | WATER QUALITY/PARAMETER PROBE |                      |    |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS               |                      |    |                                               |                         |            |                |                            |          |
|----------------------|------------|-------------------------------|----------------------|----|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| MKTf-37              |            | Volumes                       | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-1-22     | Initial                       |                      |    |                                               |                         |            |                |                            |          |
| GAUGE TIME           |            | 1                             |                      |    |                                               |                         |            |                |                            |          |
| DHC (FEET)           | 10.39      | 2                             |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 10.44      | 3                             |                      |    |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 24.70      | 4                             |                      |    |                                               |                         |            |                |                            |          |
| DTB - DTW            |            | 5                             |                      |    |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                             |                      |    |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                               |                      |    |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                               |                      |    |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:           |                      |    |                                               |                         |            |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME |            | COMMENTS: HAS Product         |                      |    |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      |            |                               |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           |            |                               |                      |    |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                               |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:           |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE TIME          |            | COMMENTS:                     |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                               |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                         |            |                |                            |          |
| MKTf-37              |            | 40 ML VOA                     | 6                    |    | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                     | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                 | 2                    |    | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                  | 1                    |    | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED       | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                | 1                    |    | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE   |                      |    |                                               |                         |            |                |                            |          |
|                      |            | WATER QUALITY/PARAMETER PROBE |                      |    |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                              |                      |      |                                               |                         |            |                |                            |          |
|----------------------|------------|--------------------------------------------------------------|----------------------|------|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| MKTf-38              |            | Volumes                                                      | TIME                 | pH   | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-1-22     | Initial                                                      | 9:35                 | 7.56 | 14.2                                          | 2.03                    | 1285.50    | 1.03           | 2.46                       | 60.3     |
| GAUGE TIME           |            | 1                                                            | 9:50                 | 7.51 | 14.1                                          | 1.93                    | 1290.00    | 1.01           | 2.37                       | 57.4     |
| DHC (FEET)           | NA         | 2                                                            |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 10.76      | 3                                                            |                      |      |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 20.30      | 4                                                            |                      |      |                                               |                         |            |                |                            |          |
| DTB - DTW            | 9.6        | 5                                                            |                      |      |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                            |                      |      |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                                                              |                      |      |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                                                              |                      |      |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    | 4.70       | WEATHER CONDITIONS:<br>Sunny / 72°F 11mph SW winds           |                      |      |                                               |                         |            |                |                            |          |
| PURGE DATE           | 6/20/22    | WATER APPEARANCE / ODOR:<br>5 Brown / white bugs             |                      |      |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME | 11:35      | COMMENTS:                                                    |                      |      |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      | 4          |                                                              |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | DRY        |                                                              |                      |      |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                                                              |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE DATE          | 6/21/22    | WEATHER CONDITIONS:<br>Sunny 76°F 6mph SE winds              |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 11.33      | WATER APPEARANCE / ODOR:<br>Brown / white bugs               |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE TIME          | 9:35       | COMMENTS:                                                    |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                                                              |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                                               | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                         |            |                |                            |          |
| MKTf-38              |            | 40 ML VOA                                                    | 6                    |      | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                                                    | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                                                | 2                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                                                 | 1                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                                               | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                                      | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                                               | 1                    |      | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE<br>WATER QUALITY/PARAMETER PROBE |                      |      |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS               |                      |    |                                               |                         |            |                |                            |          |
|----------------------|------------|-------------------------------|----------------------|----|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| MKTf-39              |            | Volumes                       | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-1-22     | Initial                       |                      |    |                                               |                         |            |                |                            |          |
| GAUGE TIME           |            | 1                             |                      |    |                                               |                         |            |                |                            |          |
| DHC (FEET)           | 11.25      | 2                             |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 11.75      | 3                             |                      |    |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 15.20      | 4                             |                      |    |                                               |                         |            |                |                            |          |
| DTB - DTW            |            | 5                             |                      |    |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                             |                      |    |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                               |                      |    |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                               |                      |    |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:           |                      |    |                                               |                         |            |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME |            | COMMENTS: HAS Product         |                      |    |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      |            |                               |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           |            |                               |                      |    |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                               |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:           |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE TIME          |            | COMMENTS:                     |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                               |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                         |            |                |                            |          |
| MKTf-39              |            | 40 ML VOA                     | 6                    |    | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                     | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                 | 2                    |    | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                  | 1                    |    | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED       | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                | 1                    |    | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE   |                      |    |                                               |                         |            |                |                            |          |
|                      |            | WATER QUALITY/PARAMETER PROBE |                      |    |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                            |                      |      |                                               |                         |            |                |                            |          |
|----------------------|------------|------------------------------------------------------------|----------------------|------|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| MKTf-40              |            | Volumes                                                    | TIME                 | pH   | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-2-22     | Initial                                                    | 2:00                 | 7.24 | 14.8                                          | 10.93                   | 7104.50    | 6.23           | 4.93                       | 180.8    |
| GAUGE TIME           |            | 1                                                          | 2:05                 | 7.27 | 15.1                                          | 10.92                   | 7098.00    | 6.23           | 4.82                       | 176.8    |
| DHC (FEET)           | NA         | 2                                                          | 2:10                 | 7.27 | 15.3                                          | 10.92                   | 7099.50    | 6.22           | 4.82                       | 165.7    |
| DTW (FEET)           | 15.54      | 3                                                          |                      |      |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 23.65      | 4                                                          |                      |      |                                               |                         |            |                |                            |          |
| DTB - DTW            | 8.11       | 5                                                          |                      |      |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                          |                      |      |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                                                            |                      |      |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                                                            |                      |      |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    | 4          | WEATHER CONDITIONS:<br>Sunny/Cloudy / 77°F 10 mph SE winds |                      |      |                                               |                         |            |                |                            |          |
| PURGE DATE           | 6-21-22    | WATER APPEARANCE / ODOR:<br>Clear / no odor                |                      |      |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME | 2:10       | COMMENTS:                                                  |                      |      |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      |            |                                                            |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           |            |                                                            |                      |      |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                                                            |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE DATE          | 6-22-22    | WEATHER CONDITIONS:<br>Cloudy 61°F 13 mph SE winds         |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 19.68      | WATER APPEARANCE / ODOR:<br>Clear / no odor                |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE TIME          | 8:35       | COMMENTS:<br>Dup collected - Dup-6-22-22                   |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                                                            |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                                             | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                         |            |                |                            |          |
| MKTf-40              |            | 40 ML VOA                                                  | 6                    |      | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                                                  | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                                              | 2                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                                               | 1                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                                             | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                                    | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                                             | 1                    |      | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                                |                      |      |                                               |                         |            |                |                            |          |
|                      |            | WATER QUALITY/PARAMETER PROBE                              |                      |      |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                              |                      |      |                                               |                         |            |                |                            |          |
|----------------------|------------|--------------------------------------------------------------|----------------------|------|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| MKTf-41              |            | Volumes                                                      | TIME                 | pH   | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-1-22     | Initial                                                      | 3:02                 | 8.12 | 14.3                                          | 2.93                    | 1969.50    | 1.53           | 0.87                       | 85.2     |
| GAUGE TIME           |            | 1                                                            | 3:06                 | 8.11 | 14.5                                          | 2.93                    | 1902.02    | 1.53           | 0.85                       | 84.3     |
| DHC (FEET)           | N.A        | 2                                                            | 3:09                 | 8.11 | 14.5                                          | 2.93                    | 1900.90    | 1.52           | 0.88                       | 84.4     |
| DTW (FEET)           | 21.38      | 3                                                            |                      |      |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 39.77      | 4                                                            |                      |      |                                               |                         |            |                |                            |          |
| DTB - DTW            | 18.39      | 5                                                            |                      |      |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                            |                      |      |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                                                              |                      |      |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                                                              |                      |      |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    | 9          | WEATHER CONDITIONS:<br>Sunny 88°F 7mph W winds               |                      |      |                                               |                         |            |                |                            |          |
| PURGE DATE           | 6-15-22    | WATER APPEARANCE / ODOR:<br>Clear / No odor                  |                      |      |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME | 3:10       | COMMENTS:                                                    |                      |      |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      | 9          |                                                              |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 32.32      |                                                              |                      |      |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                                                              |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE DATE          | 6-16-22    | WEATHER CONDITIONS:<br>Sunny 84°F 3mph E winds               |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 22.09      | WATER APPEARANCE / ODOR:<br>Clear / No odor                  |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE TIME          | 10:48      | COMMENTS:                                                    |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                                                              |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                                               | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                         |            |                |                            |          |
| MKTf-41              |            | 40 ML VOA                                                    | 6                    |      | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                                                    | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                                                | 2                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                                                 | 1                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                                               | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                                      | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                                               | 1                    |      | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE<br>WATER QUALITY/PARAMETER PROBE |                      |      |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID                       |            | TEST PARAMETERS          |                      |    |                                               |                         |            |                |                            |          |
|-------------------------------|------------|--------------------------|----------------------|----|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| MKTf-42                       |            | Volumes                  | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE                    | 6-1-22     | Initial                  |                      |    |                                               |                         |            |                |                            |          |
| GAUGE TIME                    |            | 1                        |                      |    |                                               |                         |            |                |                            |          |
| DHC (FEET)                    | 17.25      | 2                        |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)                    | 17.27      | 3                        |                      |    |                                               |                         |            |                |                            |          |
| DTB (FEET)                    | 18.98      | 4                        |                      |    |                                               |                         |            |                |                            |          |
| DTB - DTW                     |            | 5                        |                      |    |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT          | 0.653 - 4" | 6                        |                      |    |                                               |                         |            |                |                            |          |
|                               | 0.163 - 2" |                          |                      |    |                                               |                         |            |                |                            |          |
| PURGING DATA                  |            |                          |                      |    |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES             |            | WEATHER CONDITIONS:      |                      |    |                                               |                         |            |                |                            |          |
| PURGE DATE                    |            | WATER APPEARANCE / ODOR: |                      |    |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME          |            | COMMENTS: HAS Product    |                      |    |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT               |            |                          |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)                    |            |                          |                      |    |                                               |                         |            |                |                            |          |
| SAMPLING DATA                 |            |                          |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE DATE                   |            | WEATHER CONDITIONS:      |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)                    |            | WATER APPEARANCE / ODOR: |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE TIME                   |            | COMMENTS:                |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE LOG                    |            |                          |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE ID                     |            | CONTAINER TYPE           | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                         |            |                |                            |          |
| MKTf-42                       |            | 40 ML VOA                | 6                    |    | HCL                                           |                         |            |                |                            |          |
|                               |            | 40 ML VOA                | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                               |            | 1 LITER AMBER            | 2                    |    | NEAT                                          |                         |            |                |                            |          |
|                               |            | 500 ML AMBER             | 1                    |    | NEAT                                          |                         |            |                |                            |          |
|                               |            | 250 ML PLASTIC           | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                               |            | 125 ML PLASTIC FILTERED  | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                               |            | 500 ML PLASTIC           | 1                    |    | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED              |            |                          |                      |    |                                               |                         |            |                |                            |          |
| OIL / WATER INTERFACE PROBE   |            |                          |                      |    |                                               |                         |            |                |                            |          |
| WATER QUALITY/PARAMETER PROBE |            |                          |                      |    |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                 |                      |      |                                               |                         |            |                |                            |          |
|----------------------|------------|-------------------------------------------------|----------------------|------|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| MKTF-43              |            | Volumes                                         | TIME                 | pH   | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-1-22     | Initial                                         | 2:37                 | 6.54 | 15.1                                          | 31.51                   | 20469.0    | 19.64          | 1.37                       | 109.3    |
| GAUGE TIME           |            | 1                                               | 2:36                 | 6.56 | 13.9                                          | 31.22                   | 20439.50   | 19.65          | 1.36                       | 103.4    |
| DHC (FEET)           | NA         | 2                                               | 2:40                 | 6.56 | 13.9                                          | 31.22                   | 20940.80   | 19.65          | 1.36                       | 101.5    |
| DTW (FEET)           | 8.04       | 3                                               |                      |      |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 16.95      | 4                                               |                      |      |                                               |                         |            |                |                            |          |
| DTB - DTW            | 8.91       | 5                                               |                      |      |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                               |                      |      |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                                                 |                      |      |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                                                 |                      |      |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    | 4.5        | WEATHER CONDITIONS:<br>Sunny 88°F 7 mph W winds |                      |      |                                               |                         |            |                |                            |          |
| PURGE DATE           | 6-15-22    | WATER APPEARANCE / ODOR:<br>Clear / no odor     |                      |      |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME | 2:40       | COMMENTS:                                       |                      |      |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      | 4.5        |                                                 |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 12.66      |                                                 |                      |      |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                                                 |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE DATE          | 6-16-22    | WEATHER CONDITIONS:<br>Sunny 81°F 3 mph E winds |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 10.81      | WATER APPEARANCE / ODOR:<br>Clear / no odor     |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE TIME          | 10:10      | COMMENTS:<br>Dup collected - Dup. 6-16-22       |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                                                 |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                                  | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                         |            |                |                            |          |
| MKTF-43              |            | 40 ML VOA                                       | 6                    |      | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                                       | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                                   | 2                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                                    | 1                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                                  | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                         | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                                  | 1                    |      | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                     |                      |      |                                               |                         |            |                |                            |          |
|                      |            | WATER QUALITY/PARAMETER PROBE                   |                      |      |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                   |                       |      |                                               |                         |            |                |                            |          |
|----------------------|------------|---------------------------------------------------|-----------------------|------|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| MKTf-44              |            | Volumes                                           | TIME                  | pH   | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-2-22     | Initial                                           | <del>10:50</del> 8:30 | 8.27 | 16.8                                          | 1.65                    | 1672.50    | 0.83           | 3.73                       | 218.3    |
| GAUGE TIME           |            | 1                                                 | <del>08:30</del> 8:30 | 8.36 | 15.0                                          | 1.63                    | 1659.00    | 0.83           | 3.61                       | 202.3    |
| DHC (FEET)           | N/A        | 2                                                 | F.                    |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 35.78      | 3                                                 |                       |      |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 51.20      | 4                                                 |                       |      |                                               |                         |            |                |                            |          |
| DTB - DTW            | 15.42      | 5                                                 |                       |      |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                 |                       |      |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                                                   |                       |      |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                                                   |                       |      |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    | 7.50       | WEATHER CONDITIONS:<br>Sunny 77°F 6mph E winds    |                       |      |                                               |                         |            |                |                            |          |
| PURGE DATE           | 6-28-22    | WATER APPEARANCE / ODOR:<br>light Brown / No odor |                       |      |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME | 1:05       | COMMENTS:<br>Purged Dry                           |                       |      |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      | 7.00       |                                                   |                       |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | Dry        |                                                   |                       |      |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                                                   |                       |      |                                               |                         |            |                |                            |          |
| SAMPLE DATE          | 6-29-22    | WEATHER CONDITIONS:<br>Sunny 68°F 6mph SW winds   |                       |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 48.70      | WATER APPEARANCE / ODOR:<br>light Brown / No odor |                       |      |                                               |                         |            |                |                            |          |
| SAMPLE TIME          | 8:30       | COMMENTS:                                         |                       |      |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                                                   |                       |      |                                               |                         |            |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                                    | NUMBER OF CONTAINERS  |      | PRESERVATIVE                                  |                         |            |                |                            |          |
| MKTf-44              |            | 40 ML VOA                                         | 6                     |      | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                                         | 2                     |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                                     | 2                     |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                                      | 1                     |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                                    | 1                     |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                           | 1                     |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                                    | 1                     |      | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                       |                       |      |                                               |                         |            |                |                            |          |
|                      |            | WATER QUALITY/PARAMETER PROBE                     |                       |      |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS               |                      |    |                                               |                         |            |                |                         |          |
|----------------------|------------|-------------------------------|----------------------|----|-----------------------------------------------|-------------------------|------------|----------------|-------------------------|----------|
| MKTf-45              |            | Volumes                       | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (%) | ORP (mV) |
| GAUGE DATE           | 6-1-22     | Initial                       |                      |    |                                               |                         |            |                |                         |          |
| GAUGE TIME           |            | 1                             |                      |    |                                               |                         |            |                |                         |          |
| DHC (FEET)           | 15.619     | 2                             |                      |    |                                               |                         |            |                |                         |          |
| DTW (FEET)           | 15.63      | 3                             |                      |    |                                               |                         |            |                |                         |          |
| DTB (FEET)           | 36.50      | 4                             |                      |    |                                               |                         |            |                |                         |          |
| DTB - DTW            |            | 5                             |                      |    |                                               |                         |            |                |                         |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                             |                      |    |                                               |                         |            |                |                         |          |
|                      | 0.163 - 2" |                               |                      |    |                                               |                         |            |                |                         |          |
| PURGING DATA         |            |                               |                      |    |                                               |                         |            |                |                         |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:           |                      |    |                                               |                         |            |                |                         |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                         |            |                |                         |          |
| END OF PURGE<br>TIME |            | COMMENTS: HRS Product         |                      |    |                                               |                         |            |                |                         |          |
| PURGE<br>AMOUNT      |            |                               |                      |    |                                               |                         |            |                |                         |          |
| DTW (FEET)           |            |                               |                      |    |                                               |                         |            |                |                         |          |
| SAMPLING DATA        |            |                               |                      |    |                                               |                         |            |                |                         |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:           |                      |    |                                               |                         |            |                |                         |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:      |                      |    |                                               |                         |            |                |                         |          |
| SAMPLE TIME          |            | COMMENTS:                     |                      |    |                                               |                         |            |                |                         |          |
| SAMPLE LOG           |            |                               |                      |    |                                               |                         |            |                |                         |          |
| SAMPLE ID            |            | CONTAINER TYPE                | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                         |            |                |                         |          |
| MKTf-45              |            | 40 ML VOA                     | 6                    |    | HCL                                           |                         |            |                |                         |          |
|                      |            | 40 ML VOA                     | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                         |          |
|                      |            | 1 LITER AMBER                 | 2                    |    | NEAT                                          |                         |            |                |                         |          |
|                      |            | 500 ML AMBER                  | 1                    |    | NEAT                                          |                         |            |                |                         |          |
|                      |            | 250 ML PLASTIC                | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                         |          |
|                      |            | 125 ML PLASTIC FILTERED       | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                         |          |
|                      |            | 500 ML PLASTIC                | 1                    |    | NaOH                                          |                         |            |                |                         |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE   |                      |    |                                               |                         |            |                |                         |          |
|                      |            | WATER QUALITY/PARAMETER PROBE |                      |    |                                               |                         |            |                |                         |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                 |                      |      |                                               |                         |            |                |                            |          |
|----------------------|------------|-------------------------------------------------|----------------------|------|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| MKTf-46              |            | Volumes                                         | TIME                 | pH   | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-1-22     | Initial                                         | 10:21                | 6.85 | 14.3                                          | 1.76                    | 1144.00    | 0.90           | 1.72                       | 26.5     |
| GAUGE TIME           |            | 1                                               | 10:25                | 6.90 | 13.8                                          | 1.76                    | 1144.00    | 0.90           | 1.75                       | 194.3    |
| DHC (FEET)           | NA         | 2                                               | 10:29                | 6.92 | 14.1                                          | 1.77                    | 1150.00    | 0.90           | 1.77                       | 193.6    |
| DTW (FEET)           | 14.01      | 3                                               |                      |      |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 21.28      | 4                                               |                      |      |                                               |                         |            |                |                            |          |
| DTB - DTW            | 7.27       | 5                                               |                      |      |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                               |                      |      |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                                                 |                      |      |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                                                 |                      |      |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    | 3.50       | WEATHER CONDITIONS:<br>Sunny 70°F               |                      |      |                                               |                         |            |                |                            |          |
| PURGE DATE           | 6-20-22    | WATER APPEARANCE / ODOR:<br>Clear / No odor     |                      |      |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME | 10:30      | COMMENTS:<br>Clear / NO odor                    |                      |      |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      | 3.50       |                                                 |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 18.23      |                                                 |                      |      |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                                                 |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE DATE          | 6/21/22    | WEATHER CONDITIONS:<br>Cloudy 63°F Sample Winds |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 15.46      | WATER APPEARANCE / ODOR:<br>Clear / No odor     |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE TIME          | 8:20       | COMMENTS:<br>DUP collected - DUP- 6-21-22       |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                                                 |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE ID<br>MKTf-46 |            | CONTAINER TYPE                                  | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                         |            |                |                            |          |
|                      |            | 40 ML VOA                                       | 6                    |      | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                                       | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                                   | 2                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                                    | 1                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                                  | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                         | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                                  | 1                    |      | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                     |                      |      |                                               |                         |            |                |                            |          |
|                      |            | WATER QUALITY/PARAMETER PROBE                   |                      |      |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |      |    |                             |                         |            |                |                            |          |
|----------------------|------------|-----------------|------|----|-----------------------------|-------------------------|------------|----------------|----------------------------|----------|
| MKTF-47              |            | Volumes         | TIME | pH | Temperature<br>Degrees (°C) | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-2-22     | Initial         |      |    |                             |                         |            |                |                            |          |
| GAUGE TIME           |            | 1               |      |    |                             |                         |            |                |                            |          |
| DHC (FEET)           | 10.95      | 2               |      |    |                             |                         |            |                |                            |          |
| DTW (FEET)           | 11.01      | 3               |      |    |                             |                         |            |                |                            |          |
| DTB (FEET)           | 14.35      | 4               |      |    |                             |                         |            |                |                            |          |
| DTB - DTW            |            | 5               |      |    |                             |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6               |      |    |                             |                         |            |                |                            |          |
|                      | 0.163 - 2" |                 |      |    |                             |                         |            |                |                            |          |

## PURGING DATA

|                      |  |                          |
|----------------------|--|--------------------------|
| 3 WELL<br>VOLUMES    |  | WEATHER CONDITIONS:      |
| PURGE DATE           |  | WATER APPEARANCE / ODOR: |
| END OF PURGE<br>TIME |  | COMMENTS: HAS Product    |
| PURGE<br>AMOUNT      |  |                          |
| DTW (FEET)           |  |                          |

## SAMPLING DATA

|             |  |                          |
|-------------|--|--------------------------|
| SAMPLE DATE |  | WEATHER CONDITIONS:      |
| DTW (FEET)  |  | WATER APPEARANCE / ODOR: |
| SAMPLE TIME |  | COMMENTS:                |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
| MKTF-47   | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED OIL / WATER INTERFACE PROBE  
WATER QUALITY/PARAMETER PROBE

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |      |    |                             |                         |            |                |                            |          |
|----------------------|------------|-----------------|------|----|-----------------------------|-------------------------|------------|----------------|----------------------------|----------|
| MKTf-48              |            | Volumes         | TIME | pH | Temperature<br>Degrees (°C) | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-2-22     | Initial         |      |    |                             |                         |            |                |                            |          |
| GAUGE TIME           |            | 1               |      |    |                             |                         |            |                |                            |          |
| DHC (FEET)           | 10.35      | 2               |      |    |                             |                         |            |                |                            |          |
| DTW (FEET)           | 11.86      | 3               |      |    |                             |                         |            |                |                            |          |
| DTB (FEET)           | 21.05      | 4               |      |    |                             |                         |            |                |                            |          |
| DTB - DTW            |            | 5               |      |    |                             |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6               |      |    |                             |                         |            |                |                            |          |
|                      | 0.163 - 2" |                 |      |    |                             |                         |            |                |                            |          |

| PURGING DATA         |                          |
|----------------------|--------------------------|
| 3 WELL<br>VOLUMES    | WEATHER CONDITIONS:      |
| PURGE DATE           | WATER APPEARANCE / ODOR: |
| END OF PURGE<br>TIME | COMMENTS: HAS Product    |
| PURGE<br>AMOUNT      |                          |
| DTW (FEET)           |                          |

| SAMPLING DATA |                          |
|---------------|--------------------------|
| SAMPLE DATE   | WEATHER CONDITIONS:      |
| DTW (FEET)    | WATER APPEARANCE / ODOR: |
| SAMPLE TIME   | COMMENTS:                |

| SAMPLE LOG |                         |                      |                                               |
|------------|-------------------------|----------------------|-----------------------------------------------|
| SAMPLE ID  | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
| MKTf-48    | 40 ML VOA               | 6                    | HCL                                           |
|            | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|            | 1 LITER AMBER           | 2                    | NEAT                                          |
|            | 500 ML AMBER            | 1                    | NEAT                                          |
|            | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|            | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|            | 500 ML PLASTIC          | 1                    | NaOH                                          |

|                  |                               |
|------------------|-------------------------------|
| INSTRUMENTS USED | OIL / WATER INTERFACE PROBE   |
|                  | WATER QUALITY/PARAMETER PROBE |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID                       |            | TEST PARAMETERS          |                      |    |                                               |                         |            |                |                            |          |
|-------------------------------|------------|--------------------------|----------------------|----|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| MKTf-49                       |            | Volumes                  | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE                    | 6-2-22     | Initial                  |                      |    |                                               |                         |            |                |                            |          |
| GAUGE TIME                    |            | 1                        |                      |    |                                               |                         |            |                |                            |          |
| DHC (FEET)                    | 21.95      | 2                        |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)                    | 27.65      | 3                        |                      |    |                                               |                         |            |                |                            |          |
| DTB (FEET)                    | 25.00      | 4                        |                      |    |                                               |                         |            |                |                            |          |
| DTB - DTW                     |            | 5                        |                      |    |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT          | 0.653 - 4" | 6                        |                      |    |                                               |                         |            |                |                            |          |
|                               | 0.163 - 2" |                          |                      |    |                                               |                         |            |                |                            |          |
| PURGING DATA                  |            |                          |                      |    |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES             |            | WEATHER CONDITIONS:      |                      |    |                                               |                         |            |                |                            |          |
| PURGE DATE                    |            | WATER APPEARANCE / ODOR: |                      |    |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME          |            | COMMENTS: HAS Product    |                      |    |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT               |            |                          |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)                    |            |                          |                      |    |                                               |                         |            |                |                            |          |
| SAMPLING DATA                 |            |                          |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE DATE                   |            | WEATHER CONDITIONS:      |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)                    |            | WATER APPEARANCE / ODOR: |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE TIME                   |            | COMMENTS:                |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE LOG                    |            |                          |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE ID                     |            | CONTAINER TYPE           | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                         |            |                |                            |          |
| MKTf-49                       |            | 40 ML VOA                | 6                    |    | HCL                                           |                         |            |                |                            |          |
|                               |            | 40 ML VOA                | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                               |            | 1 LITER AMBER            | 2                    |    | NEAT                                          |                         |            |                |                            |          |
|                               |            | 500 ML AMBER             | 1                    |    | NEAT                                          |                         |            |                |                            |          |
|                               |            | 250 ML PLASTIC           | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                               |            | 125 ML PLASTIC FILTERED  | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                               |            | 500 ML PLASTIC           | 1                    |    | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED              |            |                          |                      |    |                                               |                         |            |                |                            |          |
| OIL / WATER INTERFACE PROBE   |            |                          |                      |    |                                               |                         |            |                |                            |          |
| WATER QUALITY/PARAMETER PROBE |            |                          |                      |    |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |      |    |                             |                         |            |                |                            |          |
|----------------------|------------|-----------------|------|----|-----------------------------|-------------------------|------------|----------------|----------------------------|----------|
| MKTf-50              |            | Volumes         | TIME | pH | Temperature<br>Degrees (°C) | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 4-2-22     | Initial         |      |    |                             |                         |            |                |                            |          |
| GAUGE TIME           |            | 1               |      |    |                             |                         |            |                |                            |          |
| DHC (FEET)           | 16.61      | 2               |      |    |                             |                         |            |                |                            |          |
| DTW (FEET)           | 16.72      | 3               |      |    |                             |                         |            |                |                            |          |
| DTB (FEET)           | 21.75      | 4               |      |    |                             |                         |            |                |                            |          |
| DTB - DTW            |            | 5               |      |    |                             |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6               |      |    |                             |                         |            |                |                            |          |
|                      | 0.163 - 2" |                 |      |    |                             |                         |            |                |                            |          |

| PURGING DATA         |  |                          |
|----------------------|--|--------------------------|
| 3 WELL<br>VOLUMES    |  | WEATHER CONDITIONS:      |
| PURGE DATE           |  | WATER APPEARANCE / ODOR: |
| END OF PURGE<br>TIME |  | COMMENTS: HAS Product    |
| PURGE<br>AMOUNT      |  |                          |
| DTW (FEET)           |  |                          |

| SAMPLING DATA |  |                          |
|---------------|--|--------------------------|
| SAMPLE DATE   |  | WEATHER CONDITIONS:      |
| DTW (FEET)    |  | WATER APPEARANCE / ODOR: |
| SAMPLE TIME   |  | COMMENTS:                |

| SAMPLE LOG |                         |                      |                                               |
|------------|-------------------------|----------------------|-----------------------------------------------|
| SAMPLE ID  | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
| MKTf-50    | 40 ML VOA               | 6                    | HCL                                           |
|            | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|            | 1 LITER AMBER           | 2                    | NEAT                                          |
|            | 500 ML AMBER            | 1                    | NEAT                                          |
|            | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|            | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|            | 500 ML PLASTIC          | 1                    | NaOH                                          |

|                  |                               |
|------------------|-------------------------------|
| INSTRUMENTS USED | OIL / WATER INTERFACE PROBE   |
|                  | WATER QUALITY/PARAMETER PROBE |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                   |                      |      |                                               |                         |            |                |                            |          |
|----------------------|------------|---------------------------------------------------|----------------------|------|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| OW-1                 |            | Volumes                                           | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-1-22     | Initial                                           | 8:25                 | 8.80 | 18.1                                          | 1.41                    | 916.50     | 0.71           | 1.93                       | 112.4    |
| GAUGE TIME           |            | 1                                                 | 8:50                 | 8.79 | 18.2                                          | 1.41                    | 916.56     | 0.71           | 1.13                       | 92.3     |
| DHC (FEET)           | NA         | 2                                                 |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 1.40       | 3                                                 |                      |      |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 91.91      | 4                                                 |                      |      |                                               |                         |            |                |                            |          |
| DTB - DTW            | 90.51      | 5                                                 |                      |      |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                 |                      |      |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                                                   |                      |      |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                                                   |                      |      |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    | 177        | WEATHER CONDITIONS:<br>Sunny 79°F 12 mph NE winds |                      |      |                                               |                         |            |                |                            |          |
| PURGE DATE           | 6-14-22    | WATER APPEARANCE / ODOR:<br>Clear / NO odor       |                      |      |                                               |                         |            |                |                            |          |
| END OF<br>PURGE TIME | 11:57      | COMMENTS:<br>Purged Dry                           |                      |      |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      | 75.00      |                                                   |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | DRY        |                                                   |                      |      |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                                                   |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE DATE          | 6-15-22    | WEATHER CONDITIONS:<br>Sunny 66°F 4 mph W winds   |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 41.36      | WATER APPEARANCE / ODOR:<br>Clear / NO odor       |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE TIME          | 8:25       | COMMENTS:<br>DUP collected - DUP-6-15-22          |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                                                   |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                                    | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                         |            |                |                            |          |
| OW-1                 |            | 40 ML VOA                                         | 6                    |      | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                                         | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                                     | 2                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                                      | 1                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                                    | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                           | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                                    | 1                    |      | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | WATER LEVEL PROBE                                 |                      |      |                                               |                         |            |                |                            |          |
|                      |            | WATER QUALITY METER                               |                      |      |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                   |                      |      |                                               |                         |            |                |                            |          |
|----------------------|------------|---------------------------------------------------|----------------------|------|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| OW-12A               |            | Volumes                                           | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-1-22     | Initial                                           | 1:40                 | 6.92 | 14.8                                          | 3.66                    | 2372.50    | 1.93           | 1.12                       | -51.1    |
| GAUGE TIME           |            | 1                                                 | 1:45                 | 6.94 | 14.9                                          | 3.63                    | 3359.50    | 1.92           | 0.97                       | -67.3    |
| DHC (FEET)           | NA         | 2                                                 | 1:50                 | 6.94 | 14.9                                          | 3.63                    | 3359.00    | 1.93           | 0.95                       | -68.1    |
| DTW (FEET)           | 26.26      | 3                                                 |                      |      |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 33.20      | 4                                                 |                      |      |                                               |                         |            |                |                            |          |
| DTB - DTW            | 7.00       | 5                                                 |                      |      |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                 |                      |      |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                                                   |                      |      |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                                                   |                      |      |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    | 3.50       | WEATHER CONDITIONS:<br>Cloudy 70°F 9 mph SW winds |                      |      |                                               |                         |            |                |                            |          |
| PURGE DATE           | 6-27-22    | WATER APPEARANCE / ODOR:<br>Clear / NO odor       |                      |      |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME | 10:56      | COMMENTS:                                         |                      |      |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      | 3.50       |                                                   |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 31.67      |                                                   |                      |      |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                                                   |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE DATE          | 6-28-22    | WEATHER CONDITIONS:<br>Sunny 6 mph SW winds       |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 30.63      | WATER APPEARANCE / ODOR:<br>Clear / NO odor       |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE TIME          | 10:00      | COMMENTS:                                         |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                                                   |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE ID<br>OW-12A  |            | CONTAINER TYPE                                    | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                         |            |                |                            |          |
|                      |            | 40 ML VOA                                         | 6                    |      | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                                         | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                                     | 2                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                                      | 1                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                                    | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                           | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                                    | 1                    |      | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                       |                      |      |                                               |                         |            |                |                            |          |
|                      |            | WATER QUALITY METER                               |                      |      |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |      |      |                          |                         |            |                |                            |          |
|----------------------|------------|-----------------|------|------|--------------------------|-------------------------|------------|----------------|----------------------------|----------|
| OW-10                |            | Volumes         | TIME | pH   | Temperature<br>Degrees C | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-1-22     | Initial         | 3:30 | 7.50 | 10.1                     | 3.45                    | 2319.00    | 1.91           | 2.73                       | 133.7    |
| GAUGE TIME           |            | 1               | 3:40 | 7.48 | 9.7                      | 3.43                    | 2276.00    | 1.88           | 2.69                       | 130.0    |
| DHC (FEET)           | NA         | 2               | 3:55 | 7.48 | 9.7                      | 3.35                    | 2230.50    | 1.87           | 2.67                       | 129.5    |
| DTW (FEET)           | 7.72       | 3               |      |      |                          |                         |            |                |                            |          |
| DTB (FEET)           | 66.46      | 4               |      |      |                          |                         |            |                |                            |          |
| DTB - DTW            | 58.74      | 5               |      |      |                          |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6               |      |      |                          |                         |            |                |                            |          |
|                      | 0.163 - 2" |                 |      |      |                          |                         |            |                |                            |          |

## PURGING DATA

|                      |        |                                             |
|----------------------|--------|---------------------------------------------|
| 3 WELL<br>VOLUMES    | 115.00 | WEATHER CONDITIONS:<br>Sunny 89°F           |
| PURGE DATE           | 6-7-21 | WATER APPEARANCE / ODOR:<br>Clear / No odor |
| END OF PURGE<br>TIME | 4:00   | COMMENTS:                                   |
| PURGE<br>AMOUNT      | 115.00 |                                             |
| DTW (FEET)           | 7.85   |                                             |

## SAMPLING DATA

|             |        |                                                 |
|-------------|--------|-------------------------------------------------|
| SAMPLE DATE | 6-8-22 | WEATHER CONDITIONS:<br>Sunny 75°F 4mph NW winds |
| DTW (FEET)  | 9.68   | WATER APPEARANCE / ODOR:<br>Clear / No odor     |
| SAMPLE TIME | 9:20   | COMMENTS:<br>Dup Collected - Dup 6-8-22         |

## SAMPLE LOG

| SAMPLE ID<br>OW-10 | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|--------------------|-------------------------|----------------------|-----------------------------------------------|
|                    | 40 ML VOA               | 6                    | HCL                                           |
|                    | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|                    | 1 LITER AMBER           | 2                    | NEAT                                          |
|                    | 500 ML AMBER            | 1                    | NEAT                                          |
|                    | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|                    | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|                    | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED      WATER LEVEL PROBE  
                                          WATER QUALITY METER

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                  |                      |      |                                               |                         |            |                |                            |          |
|----------------------|------------|--------------------------------------------------|----------------------|------|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| OW-13                |            | Volumes                                          | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-1-22     | Initial                                          |                      | 8.20 | 13.4                                          | 1.20                    | 498.00     | 0.37           | 0.16                       | 99.3     |
| GAUGE TIME           |            | 1                                                |                      | 8.19 | 13.1                                          | 1.19                    | 476.50     | 0.41           | 0.11                       | 98.9     |
| DHC (FEET)           | NA         | 2                                                |                      | 8.19 | 12.8                                          | 1.18                    | 466.50     | 0.41           | 0.11                       | 99.3     |
| DTW (FEET)           | 21.17      | 3                                                |                      |      |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 101.70     | 4                                                |                      |      |                                               |                         |            |                |                            |          |
| DTB - DTW            | 80.53      | 5                                                |                      |      |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                |                      |      |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                                                  |                      |      |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                                                  |                      |      |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    | 157.75     | WEATHER CONDITIONS:<br>Sunny 82°F 5 mph NE winds |                      |      |                                               |                         |            |                |                            |          |
| PURGE DATE           | 6-8-22     | WATER APPEARANCE / ODOR:<br>Clear / No odor      |                      |      |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME | 2:45       | COMMENTS:                                        |                      |      |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      | 158.00     |                                                  |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 23.98      |                                                  |                      |      |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                                                  |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE DATE          | 6-9-22     | WEATHER CONDITIONS:<br>Sunny 80°F                |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 21.22      | WATER APPEARANCE / ODOR:<br>Clear / No odor      |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE TIME          |            | COMMENTS:                                        |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                                                  |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                                   | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                         |            |                |                            |          |
| OW-13                |            | 40 ML VOA                                        | 6                    |      | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                                        | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                                    | 2                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                                     | 1                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                                   | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                          | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                                   | 1                    |      | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | WATER LEVEL PROBE                                |                      |      |                                               |                         |            |                |                            |          |
|                      |            | WATER QUALITY METER                              |                      |      |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                                         |                      |      |                                               |                         |            |                |                            |          |
|----------------------|------------|-------------------------------------------------------------------------|----------------------|------|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| OW-14                |            | Volumes                                                                 | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6/2/22     | Initial                                                                 | 1:20                 | 7.00 | 16.5                                          | 1.55                    | 1007.50    | 0.78           | 2.02                       | -83.1    |
| GAUGE TIME           |            | 1                                                                       | 1:25                 | 7.01 | 16.4                                          | 1.56                    | 1003.00    | 0.77           | 1.85                       | -88.5    |
| DHC (FEET)           | NA         | 2                                                                       | 1:30                 | 7.03 | 15.5                                          | 1.50                    | 975.00     | 0.76           | 1.82                       | -83.3    |
| DTW (FEET)           | 24.29      | 3                                                                       |                      |      |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 47.30      | 4                                                                       |                      |      |                                               |                         |            |                |                            |          |
| DTB - DTW            | 23.01      | 5                                                                       |                      |      |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                                       |                      |      |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                                                                         |                      |      |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                                                                         |                      |      |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    | 45         | WEATHER CONDITIONS:<br>Sunny 81°F 3 mph SW winds                        |                      |      |                                               |                         |            |                |                            |          |
| PURGE DATE           | 6-27-22    | WATER APPEARANCE / ODOR:<br>Clear / light H <sub>2</sub> O <sub>2</sub> |                      |      |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME | 1:30       | COMMENTS:                                                               |                      |      |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      | 45         |                                                                         |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 24.35      |                                                                         |                      |      |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                                                                         |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE DATE          | 6-30-22    | WEATHER CONDITIONS:<br>Sunny 68°F                                       |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 27.93      | WATER APPEARANCE / ODOR:<br>Clear / No odor                             |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE TIME          | 9:00       | COMMENTS:<br>Dup collected - Dup-6-30-22                                |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                                                                         |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                                                          | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                         |            |                |                            |          |
| OW-14                |            | 40 ML VOA                                                               | 6                    |      | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                                                               | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                                                           | 2                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                                                            | 1                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                                                          | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                                                 | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                                                          | 1                    |      | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | WATER LEVEL PROBE                                                       |                      |      |                                               |                         |            |                |                            |          |
|                      |            | WATER QUALITY METER                                                     |                      |      |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



MARATHON GALLUP REFINERY

Second QUARTER 2022

OW-29  
 GAUGE DATE 6/11/22  
 GAUGE TIME  
 DHO (FEET) NA  
 DTV (FEET) 18.65  
 DIF (FEET) 5.40  
 DIC - DTV 32.75  
 CAPACITY P 0.65  
 FOOT 0.16

TEST PARAMETERS

| VOLUMES | TIME | pH   | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
|---------|------|------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| Initial | 8:40 | 7.01 | 9.7                      | 1.86                 | 1275.50   | 0.88           | 1.85                       | 101.2    |
|         | 8:50 | 7.02 | 9.1                      | 1.98                 | 1150.00   | 0.90           | 1.86                       | 96.4     |
|         |      |      |                          |                      |           |                |                            |          |
|         |      |      |                          |                      |           |                |                            |          |
|         |      |      |                          |                      |           |                |                            |          |
|         |      |      |                          |                      |           |                |                            |          |
|         |      |      |                          |                      |           |                |                            |          |

PURGING DATA

3 WELL  
 VOLUMES 64.00  
 PURGE DATE 6/27/22  
 END OF  
 PURGE TIME 4:00  
 PURGE  
 AMOUNT 36.00  
 DTV (FEET) DR

WEATHER CONDITIONS:  
 Sunny  
 WATER APPEARANCE / ODOR:  
 Clear / No odor  
 COMMENTS:  
 Purged Dr

SAMPLING DATA

SAMPLE DATE 6/28/22  
 DTV (FEET) 17.80  
 SAMPLE TIME 8:40

WEATHER CONDITIONS:  
 Sunny  
 WATER APPEARANCE / ODOR:  
 Clear No odor  
 COMMENTS:

SAMPLE LOG

| CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-------------------------|----------------------|-----------------------------------------------|
| 40 ML VOA               | 6                    | HCL                                           |
| 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
| 1 LITER AMBER           | 2                    | NEAT                                          |
| 600 ML AMBER            | 1                    | NEAT                                          |
| 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
| 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
| 600 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED

WATER CULIT / METER

OW VOLUME

SIGNATURE:

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                  |                      |      |                                               |                         |            |                |                            |          |
|----------------------|------------|--------------------------------------------------|----------------------|------|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| OW-30                |            | Volumes                                          | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6/2/22     | Initial                                          | 2:25                 | 7.13 | 14.3                                          | 1.78                    | 1157.00    | 0.91           | 2.04                       | -21.3    |
| GAUGE TIME           |            | 1                                                | 2:30                 | 7.12 | 14.1                                          | 1.78                    | 1163.50    | 0.91           | 1.94                       | -26.3    |
| DHC (FEET)           | NA         | 2                                                | 2:35                 | 7.11 | 14.0                                          | 1.79                    | 1168.00    | 0.90           | 1.90                       | -27.0    |
| DTW (FEET)           | 22.81      | 3                                                |                      |      |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 50.03      | 4                                                |                      |      |                                               |                         |            |                |                            |          |
| DTB - DTW            | 27.22      | 5                                                |                      |      |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                |                      |      |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                                                  |                      |      |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                                                  |                      |      |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    | 53.50      | WEATHER CONDITIONS:<br>Sunny 82°F                |                      |      |                                               |                         |            |                |                            |          |
| PURGE DATE           | 6-29-22    | WATER APPEARANCE / ODOR:<br>Clear / No odor      |                      |      |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME | 2:25       | COMMENTS:                                        |                      |      |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      | 54.08      |                                                  |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 23.05      |                                                  |                      |      |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                                                  |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE DATE          | 6-30-22    | WEATHER CONDITIONS:<br>Sunny 90°F 8 mph SW winds |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 22.83      | WATER APPEARANCE / ODOR:<br>Clear / No odor      |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE TIME          | 9:45       | COMMENTS:<br>FIB collected                       |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                                                  |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                                   | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                         |            |                |                            |          |
| OW-30                |            | 40 ML VOA                                        | 6                    |      | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                                        | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                                    | 2                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                                     | 1                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                                   | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                          | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                                   | 1                    |      | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | WATER LEVEL PROBE                                |                      |      |                                               |                         |            |                |                            |          |
|                      |            | WATER QUALITY METER                              |                      |      |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                       |                      |      |                                               |                         |            |                |                            |          |
|----------------------|------------|-------------------------------------------------------|----------------------|------|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| OW-50                |            | Volumes                                               | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-1-22     | Initial                                               | 12:45                | 8.22 | 12.4                                          | 1.09                    | 708.50     | 0.54           | 3.18                       | 122.5    |
| GAUGE TIME           |            | 1                                                     | 11:52                | 8.23 | 12.1                                          | 1.10                    | 723.50     | 0.54           | 3.18                       | 123.7    |
| DHC (FEET)           | NA         | 2                                                     | 11:59                | 8.23 | 12.0                                          | 1.10                    | 724.00     | 0.51           | 3.19                       | 123.8    |
| DTW (FEET)           | 15.20      | 3                                                     |                      |      |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 63.30      | 4                                                     |                      |      |                                               |                         |            |                |                            |          |
| DTB - DTW            | 48.10      | 5                                                     |                      |      |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                     |                      |      |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                                                       |                      |      |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                                                       |                      |      |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    | 23.50      | WEATHER CONDITIONS:                                   |                      |      |                                               |                         |            |                |                            |          |
| PURGE DATE           | 6-8-22     | WATER APPEARANCE / ODOR:<br>Sunny 84°F 5 mph NE winds |                      |      |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME | 12:00      | COMMENTS:<br>Clear / No odor                          |                      |      |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      | 23.50      |                                                       |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           |            |                                                       |                      |      |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                                                       |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE DATE          | 6-9-22     | WEATHER CONDITIONS:<br>Sunny 85°F                     |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 15.35      | WATER APPEARANCE / ODOR:<br>Clear / No odor           |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE TIME          | 10:30      | COMMENTS:                                             |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                                                       |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                                        | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                         |            |                |                            |          |
| OW-50                |            | 40 ML VOA                                             | 6                    |      | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                                             | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                                         | 2                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                                          | 1                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                                        | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                               | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                                        | 1                    |      | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | WATER LEVEL PROBE                                     |                      |      |                                               |                         |            |                |                            |          |
|                      |            | WATER QUALITY METER                                   |                      |      |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

## SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                  |                      |      |                                               |                         |            |                |                            |          |
|----------------------|------------|--------------------------------------------------|----------------------|------|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| OW-52                |            | Volumes                                          | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-1-22     | Initial                                          | 12:20                | 8.60 | 13.3                                          | 0.94                    | 611.00     | 0.47           | 0.54                       | 174.8    |
| GAUGE TIME           |            | 1                                                | 12:24                | 8.59 | 14.3                                          | 0.94                    | 598.00     | 0.47           | 0.53                       | 176.5    |
| DHC (FEET)           | NA         | 2                                                | 12:29                | 8.58 | 14.3                                          | 0.93                    | 591.50     | 0.47           | 0.51                       | 170.5    |
| DTW (FEET)           | 14.50      | 3                                                |                      |      |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 56.50      | 4                                                |                      |      |                                               |                         |            |                |                            |          |
| DTB - DTW            | 42         | 5                                                |                      |      |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                |                      |      |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                                                  |                      |      |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                                                  |                      |      |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    | 20.50      | WEATHER CONDITIONS:<br>Sunny 85°F 5 mph NE winds |                      |      |                                               |                         |            |                |                            |          |
| PURGE DATE           | 6-8-21     | WATER APPEARANCE / ODOR:<br>Clear / No odor      |                      |      |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME | 12:30      | COMMENTS:                                        |                      |      |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      | 20.50      |                                                  |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 16.53      |                                                  |                      |      |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                                                  |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE DATE          | 6-9-22     | WEATHER CONDITIONS:<br>Sunny 75°F                |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 14.65      | WATER APPEARANCE / ODOR:<br>Clear / No odor      |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE TIME          | 10:50      | COMMENTS:                                        |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                                                  |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                                   | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                         |            |                |                            |          |
| OW-52                |            | 40 ML VOA                                        | 6                    |      | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                                        | 2                    |      | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                                    | 2                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                                     | 1                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                                   | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                          | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                                   | 1                    |      | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | WATER LEVEL PROBE                                |                      |      |                                               |                         |            |                |                            |          |
|                      |            | WATER QUALITY METER                              |                      |      |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                         |                      |    |                                               |                         |            |                |                            |          |
|----------------------|------------|-----------------------------------------|----------------------|----|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| OW-53                |            | Volumes                                 | TIME                 | pH | Temperature<br>Degrees C                      | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-2-22     | Initial                                 |                      |    |                                               |                         |            |                |                            |          |
| GAUGE TIME           |            | 1                                       |                      |    |                                               |                         |            |                |                            |          |
| DHC (FEET)           | NA         | 2                                       |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           | NA         | 3                                       |                      |    |                                               |                         |            |                |                            |          |
| DTB (FEET)           | DRY        | 4                                       |                      |    |                                               |                         |            |                |                            |          |
| DTB - DTW            | DRY        | 5                                       |                      |    |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                       |                      |    |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                                         |                      |    |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                                         |                      |    |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    | DRY        | WEATHER CONDITIONS:                     |                      |    |                                               |                         |            |                |                            |          |
| PURGE DATE           | DRY        | WATER APPEARANCE / ODOR:<br>Well is Dry |                      |    |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME | DRY        | COMMENTS:                               |                      |    |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      | DRY        |                                         |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           | DRY        |                                         |                      |    |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                                         |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE DATE          | DRY        | WEATHER CONDITIONS:                     |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           | DRY        | WATER APPEARANCE / ODOR:                |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE TIME          | DRY        | COMMENTS:                               |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                                         |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                          | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                         |            |                |                            |          |
| OW-53                |            | 40 ML VOA                               | 6                    |    | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                               | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                           | 2                    |    | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                            | 1                    |    | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                          | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                 | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                          | 1                    |    | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE             |                      |    |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                             |                      |      |                                               |                         |            |                |                            |          |
|----------------------|------------|---------------------------------------------|----------------------|------|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| OW-54                |            | Volumes                                     | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-2-22     | Initial                                     | 2:17                 | 7.28 | 15.0                                          | 1.69                    | 109850     | 0.86           | 2.15                       | -63.5    |
| GAUGE TIME           |            | 1                                           | 2:21                 | 7.26 | 14.9                                          | 1.74                    | 113100     | 0.89           | 2.15                       | -64.3    |
| DHC (FEET)           | NA         | 2                                           | 2:25                 | 7.26 | 14.8                                          | 1.74                    | 113350     | 0.89           | 1.91                       | -66.7    |
| DTW (FEET)           | 18.35      | 3                                           |                      |      |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 29.73      | 4                                           |                      |      |                                               |                         |            |                |                            |          |
| DTB - DTW            | 11.38      | 5                                           |                      |      |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                           |                      |      |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                                             |                      |      |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                                             |                      |      |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    | 5.50       | WEATHER CONDITIONS:<br>Sunny 80°            |                      |      |                                               |                         |            |                |                            |          |
| PURGE DATE           | 6-14-22    | WATER APPEARANCE / ODOR:<br>Clear / no odor |                      |      |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME | 2:25       | COMMENTS:                                   |                      |      |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      | 5.50       |                                             |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 18.75      |                                             |                      |      |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                                             |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE DATE          | 6-15-22    | WEATHER CONDITIONS:<br>Sunny 70° S.W. winds |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:<br>Clear / no odor |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE TIME          | 9:10       | COMMENTS:                                   |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                                             |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE ID<br>OW-54   |            | CONTAINER TYPE                              | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                         |            |                |                            |          |
|                      |            | 40 ML VOA                                   | 6                    |      | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                                   | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                               | 2                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                                | 1                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                              | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                     | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                              | 1                    |      | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                 |                      |      |                                               |                         |            |                |                            |          |
|                      |            | WATER QUALITY METER                         |                      |      |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                        |                      |      |                                               |                         |            |                |                            |          |
|----------------------|------------|--------------------------------------------------------|----------------------|------|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| OW-55                |            | Volumes                                                | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-2-22     | Initial                                                | 3:07                 | 7.15 | 13.9                                          | 1.78                    | 1157.00    | 0.91           | 0.76                       | -112.2   |
| GAUGE TIME           |            | 1                                                      | 3:11                 | 7.13 | 13.8                                          | 1.80                    | 1151.50    | 0.90           | 0.76                       | 109.2    |
| DHC (FEET)           | NA         | 2                                                      | 3:15                 | 7.13 | 14.3                                          | 1.78                    | 1151.50    | 0.90           | 0.75                       | -103.3   |
| DTW (FEET)           | 18.50      | 3                                                      |                      |      |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 30.20      | 4                                                      |                      |      |                                               |                         |            |                |                            |          |
| DTB - DTW            | 11.7       | 5                                                      |                      |      |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                      |                      |      |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                                                        |                      |      |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                                                        |                      |      |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    | 5.75       | WEATHER CONDITIONS:<br>Sunny 83°F 14 mph NE winds      |                      |      |                                               |                         |            |                |                            |          |
| PURGE DATE           | 6-14-22    | WATER APPEARANCE / ODOR:<br>Grayish / Sheen in Buckets |                      |      |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME | 3:15       | COMMENTS:                                              |                      |      |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      | 5.75       |                                                        |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 18.98      |                                                        |                      |      |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                                                        |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE DATE          | 6-15-22    | WEATHER CONDITIONS:<br>Sunny 73°F 5 mph NW winds       |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:<br>Grayish / Sheen in Buckets |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE TIME          | 9:48       | COMMENTS:                                              |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                                                        |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                                         | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                         |            |                |                            |          |
| OW-55                |            | 40 ML VOA                                              | 6                    |      | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                                              | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                                          | 2                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                                           | 1                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                                         | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                                | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                                         | 1                    |      | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                            |                      |      |                                               |                         |            |                |                            |          |
|                      |            | WATER QUALITY METER                                    |                      |      |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                  |                      |      |                                               |                         |            |                |                            |          |
|----------------------|------------|--------------------------------------------------|----------------------|------|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| OW-56                |            | Volumes                                          | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-2-22     | Initial                                          | 10:10                | 7.31 | 18.1                                          | 2.15                    | 1397.50    | 1.10           | 4.25                       | 106.8    |
| GAUGE TIME           |            | 1                                                | 10:20                | 7.72 | 18.3                                          | 2.16                    | 1398.50    | 1.09           | 4.24                       | 101.5    |
| DHC (FEET)           | NA         | 2                                                |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 13.40      | 3                                                |                      |      |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 18.60      | 4                                                |                      |      |                                               |                         |            |                |                            |          |
| DTB - DTW            | 5.20       | 5                                                |                      |      |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                |                      |      |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                                                  |                      |      |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                                                  |                      |      |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    | 255        | WEATHER CONDITIONS:<br>Sunny 83°F 14mph NE winds |                      |      |                                               |                         |            |                |                            |          |
| PURGE DATE           | 6-14-22    | WATER APPEARANCE / ODOR:<br>Clear/No odor        |                      |      |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME | 3:25       | COMMENTS:                                        |                      |      |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      | 2.00       |                                                  |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | DRY        |                                                  |                      |      |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                                                  |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE DATE          | 6-15-22    | WEATHER CONDITIONS:<br>Sunny 73°F 10mph W winds  |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:<br>Clear/No odor        |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE TIME          | 10:10      | COMMENTS:                                        |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                                                  |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                                   | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                         |            |                |                            |          |
| OW-56                |            | 40 ML VOA                                        | 6                    |      | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                                        | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                                    | 2                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                                     | 1                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                                   | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                          | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                                   | 1                    |      | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                      |                      |      |                                               |                         |            |                |                            |          |
|                      |            | WATER QUALITY METER                              |                      |      |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                   |                      |      |                                               |                         |            |                |                            |          |
|----------------------|------------|---------------------------------------------------|----------------------|------|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| OW-57                |            | Volumes                                           | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-2-22     | Initial                                           | 8:50                 | 7.05 | 13.0                                          | 1.55                    | 1.62       | 0.70           | 0.76                       | -50.3    |
| GAUGE TIME           |            | 1                                                 | 9:05                 | 7.04 | 12.7                                          | 1.53                    | 1.58       | 0.71           | 0.78                       | -40.1    |
| DHC (FEET)           | NA         | 2                                                 |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 22.35      | 3                                                 |                      |      |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 28.38      | 4                                                 |                      |      |                                               |                         |            |                |                            |          |
| DTB - DTW            | 6.03       | 5                                                 |                      |      |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                 |                      |      |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                                                   |                      |      |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                                                   |                      |      |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    | 3          | WEATHER CONDITIONS:<br>Sunny 79°F 4 mph E wind    |                      |      |                                               |                         |            |                |                            |          |
| PURGE DATE           | 6-28-22    | WATER APPEARANCE / ODOR:<br>Brown / light HC odor |                      |      |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME | 1:25       | COMMENTS:<br>Purged Dry                           |                      |      |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      | 1.50       |                                                   |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | Dry        |                                                   |                      |      |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                                                   |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE DATE          | 6-29-22    | WEATHER CONDITIONS:<br>Sunny 70°F 6 mph SE wind   |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 22.40      | WATER APPEARANCE / ODOR:<br>Brown / light HC odor |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE TIME          | 8:50       | COMMENTS:                                         |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                                                   |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                                    | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                         |            |                |                            |          |
| OW-57                |            | 40 ML VOA                                         | 6                    |      | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                                         | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                                     | 2                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                                      | 1                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                                    | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                           | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                                    | 1                    |      | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                       |                      |      |                                               |                         |            |                |                            |          |
|                      |            | WATER QUALITY METER                               |                      |      |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                                |                      |      |                                               |                         |            |                |                            |          |
|----------------------|------------|----------------------------------------------------------------|----------------------|------|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| OW-58                |            | Volumes                                                        | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-2-22     | Initial                                                        | 1:55                 | 6.86 | 16.1                                          | 1.84                    | 1196.00    | 0.93           | 1.83                       | -82.2    |
| GAUGE TIME           |            | 1                                                              | 1:59                 | 6.86 | 15.8                                          | 1.81                    | 1170.56    | 0.92           | 1.86                       | -81.9    |
| DHC (FEET)           | NA         | 2                                                              | 2:04                 | 6.81 | 15.2                                          | 1.80                    | 1169.00    | 0.92           | 1.85                       | -80.2    |
| DTW (FEET)           | 25.80      | 3                                                              |                      |      |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 47.47      | 4                                                              |                      |      |                                               |                         |            |                |                            |          |
| DTB - DTW            | 21.67      | 5                                                              |                      |      |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                              |                      |      |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                                                                |                      |      |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                                                                |                      |      |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    | 10.50      | WEATHER CONDITIONS:<br>Sunny 79°F 10 mph E winds               |                      |      |                                               |                         |            |                |                            |          |
| PURGE DATE           | 6-28-22    | WATER APPEARANCE / ODOR:<br>Brown / No odor / Sheen in buckets |                      |      |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME | 2:05       | COMMENTS:                                                      |                      |      |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      | 10.50      |                                                                |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 26.81      |                                                                |                      |      |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                                                                |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE DATE          | 6/29       | WEATHER CONDITIONS:<br>Sunny 75°F 10 mph SE winds              |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 25.84      | WATER APPEARANCE / ODOR:<br>Brown / No odor / Sheen in bucket  |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE TIME          | 9:15       | COMMENTS:<br>Dup collected - DUP-6-29-22                       |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                                                                |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE ID<br>OW-58   |            | CONTAINER TYPE                                                 | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                         |            |                |                            |          |
|                      |            | 40 ML VOA                                                      | 6                    |      | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                                                      | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                                                  | 2                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                                                   | 1                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                                                 | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                                        | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                                                 | 1                    |      | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                                    |                      |      |                                               |                         |            |                |                            |          |
|                      |            | WATER QUALITY METER                                            |                      |      |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                                       |                      |      |                                               |                         |            |                |                            |          |
|----------------------|------------|-----------------------------------------------------------------------|----------------------|------|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| OW-58A               |            | Volumes                                                               | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-2-22     | Initial                                                               | 9:45                 | 7.20 | 10.5                                          | 2.30                    | 1470.50    | 1.14           | 1.11                       | -68.3    |
| GAUGE TIME           |            | 1                                                                     | 10:00                | 7.18 | 10.4                                          | 2.29                    | 1468.00    | 1.15           | 1.03                       | -66.3    |
| DHC (FEET)           | NA         | 2                                                                     |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 28.20      | 3                                                                     |                      |      |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 36.35      | 4                                                                     |                      |      |                                               |                         |            |                |                            |          |
| DTB - DTW            | 8.15       | 5                                                                     |                      |      |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                                     |                      |      |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                                                                       |                      |      |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                                                                       |                      |      |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    | 16.00      | WEATHER CONDITIONS:<br>Sunny 80°F 4mph E winds                        |                      |      |                                               |                         |            |                |                            |          |
| PURGE DATE           | 6-28-22    | WATER APPEARANCE / ODOR:<br>Grayish / light HC odor / Sheen on bucket |                      |      |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME | 2:25       | COMMENTS:<br>Purged Day                                               |                      |      |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      | 8.56       |                                                                       |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | DRY        |                                                                       |                      |      |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                                                                       |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE DATE          | 6-29-22    | WEATHER CONDITIONS:<br>Sunny 77°F SW winds                            |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 28.15      | WATER APPEARANCE / ODOR:<br>Grayish / light HC odor                   |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE TIME          | 9:45       | COMMENTS:<br>FB collected FB-6-29-22                                  |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                                                                       |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                                                        | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                         |            |                |                            |          |
| OW-58A               |            | 40 ML VOA                                                             | 6                    |      | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                                                             | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                                                         | 2                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                                                          | 1                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                                                        | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                                               | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                                                        | 1                    |      | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE<br>WATER QUALITY METER                    |                      |      |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |      |      |                          |                         |            |                |                            |          |
|----------------------|------------|-----------------|------|------|--------------------------|-------------------------|------------|----------------|----------------------------|----------|
| OW-59                |            | Volumes         | TIME | pH   | Temperature<br>Degrees C | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-2-22     | Initial         | 3:36 | 7.26 | 14.7                     | 9.61                    | 6246.50    | 5.43           | 7.43                       | 88.6     |
| GAUGE TIME           |            | 1               | 3:40 | 7.27 | 14.9                     | 9.61                    | 6246.50    | 5.43           | 1.44                       | 93.6     |
| DHC (FEET)           | NA         | 2               | 3:45 | 7.31 | 15.1                     | 9.63                    | 6259.50    | 5.44           | 1.46                       | 92.7     |
| DTW (FEET)           | 23.84      | 3               |      |      |                          |                         |            |                |                            |          |
| DTB (FEET)           | 38.60      | 4               |      |      |                          |                         |            |                |                            |          |
| DTB - DTW            | 14.76      | 5               |      |      |                          |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6               |      |      |                          |                         |            |                |                            |          |
|                      | 0.163 - 2" |                 |      |      |                          |                         |            |                |                            |          |

## PURGING DATA

|                      |         |                                                   |
|----------------------|---------|---------------------------------------------------|
| 3 WELL<br>VOLUMES    | 7.25    | WEATHER CONDITIONS:<br>Sunny 81°F 12mph NE winds  |
| PURGE DATE           | 6-14-22 | WATER APPEARANCE / ODOR:<br>Brown/Clear / NO odor |
| END OF PURGE<br>TIME | 3:45    | COMMENTS:                                         |
| PURGE<br>AMOUNT      | 7.25    |                                                   |
| DTW (FEET)           | 33.82   |                                                   |

## SAMPLING DATA

|             |         |                                                |
|-------------|---------|------------------------------------------------|
| SAMPLE DATE | 6-15-22 | WEATHER CONDITIONS:<br>Sunny 75°F 7mph W winds |
| DTW (FEET)  |         | WATER APPEARANCE / ODOR:<br>Brown / No odor    |
| SAMPLE TIME | 10:40   | COMMENTS:                                      |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
| OW-59     | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED OIL / WATER INTERFACE PROBE  
WATER QUALITY METER

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                       |                      |      |                                               |                         |            |                |                            |          |
|----------------------|------------|-------------------------------------------------------|----------------------|------|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| OW-60                |            | Volumes                                               | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-2-22     | Initial                                               | 8:45                 | 7.61 | 12.3                                          | 6.80                    | 4835.80    | 3.72           | 5.93                       | 251.2    |
| GAUGE TIME           |            | 1                                                     | 8:55                 | 7.58 | 12.1                                          | 6.73                    | 4740.00    | 3.70           | 5.86                       | 244.5    |
| DHC (FEET)           | NA         | 2                                                     |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 16.54      | 3                                                     |                      |      |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 46.82      | 4                                                     |                      |      |                                               |                         |            |                |                            |          |
| DTB - DTW            | 30.28      | 5                                                     |                      |      |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                     |                      |      |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                                                       |                      |      |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                                                       |                      |      |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    | 14.80      | WEATHER CONDITIONS:<br>Sunny 82°F 7mph W winds        |                      |      |                                               |                         |            |                |                            |          |
| PURGE DATE           | 6-15-22    | WATER APPEARANCE / ODOR:<br>Brownish / slight HC odor |                      |      |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME | 1:25       | COMMENTS:<br>Purged Dry                               |                      |      |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      | 8.50       |                                                       |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | dry        |                                                       |                      |      |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                                                       |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE DATE          | 6-16-22    | WEATHER CONDITIONS:<br>Sunny 77°F 4mph E winds        |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 34.83      | WATER APPEARANCE / ODOR:<br>Brownish / slight HC odor |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE TIME          | 8:45       | COMMENTS:                                             |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                                                       |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE ID<br>OW-60   |            | CONTAINER TYPE                                        | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                         |            |                |                            |          |
|                      |            | 40 ML VOA                                             | 6                    |      | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                                             | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                                         | 2                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                                          | 1                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                                        | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                               | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                                        | 1                    |      | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                           |                      |      |                                               |                         |            |                |                            |          |
|                      |            | WATER QUALITY METER                                   |                      |      |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS             |                      |    |                                               |                         |            |                |                            |          |
|----------------------|------------|-----------------------------|----------------------|----|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| OW-61                |            | Volumes                     | TIME                 | pH | Temperature<br>Degrees C                      | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-2-22     | Initial                     |                      |    |                                               |                         |            |                |                            |          |
| GAUGE TIME           |            | 1                           |                      |    |                                               |                         |            |                |                            |          |
| DHC (FEET)           | 24.68      | 2                           |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 25.39      | 3                           |                      |    |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 34.86      | 4                           |                      |    |                                               |                         |            |                |                            |          |
| DTB - DTW            |            | 5                           |                      |    |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                           |                      |    |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                             |                      |    |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                             |                      |    |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:         |                      |    |                                               |                         |            |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:    |                      |    |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME |            | COMMENTS: HAS Product       |                      |    |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      |            |                             |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           |            |                             |                      |    |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                             |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:         |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:    |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE TIME          |            | COMMENTS:                   |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                             |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE              | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                         |            |                |                            |          |
| OW-61                |            | 40 ML VOA                   | 6                    |    | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                   | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER               | 2                    |    | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                | 1                    |    | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC              | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED     | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC              | 1                    |    | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE |                      |    |                                               |                         |            |                |                            |          |
|                      |            | WATER QUALITY METER         |                      |    |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS             |                      |    |                                               |                         |            |                |                            |          |
|----------------------|------------|-----------------------------|----------------------|----|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| OW-62                |            | Volumes                     | TIME                 | pH | Temperature<br>Degrees C                      | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-2-22     | Initial                     |                      |    |                                               |                         |            |                |                            |          |
| GAUGE TIME           |            | 1                           |                      |    |                                               |                         |            |                |                            |          |
| DHC (FEET)           | 23.75      | 2                           |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 24.10      | 3                           |                      |    |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 32.78      | 4                           |                      |    |                                               |                         |            |                |                            |          |
| DTB - DTW            |            | 5                           |                      |    |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                           |                      |    |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                             |                      |    |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                             |                      |    |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:         |                      |    |                                               |                         |            |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:    |                      |    |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME |            | COMMENTS: HAS Product       |                      |    |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      |            |                             |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           |            |                             |                      |    |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                             |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:         |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:    |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE TIME          |            | COMMENTS:                   |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                             |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE              | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                         |            |                |                            |          |
| OW-62                |            | 40 ML VOA                   | 6                    |    | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                   | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER               | 2                    |    | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                | 1                    |    | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC              | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED     | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC              | 1                    |    | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE |                      |    |                                               |                         |            |                |                            |          |
|                      |            | WATER QUALITY METER         |                      |    |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                   |                      |      |                                               |                         |            |                |                            |          |
|----------------------|------------|---------------------------------------------------|----------------------|------|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| OW-63                |            | Volumes                                           | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-7-22     | Initial                                           | 3:20                 | 7.05 | 14.4                                          | 1.49                    | 968.50     | 0.75           | 1.48                       | -98.8    |
| GAUGE TIME           |            | 1                                                 | 3:25                 | 7.02 | 14.8                                          | 1.50                    | 992.00     | 0.73           | 1.47                       | -97.7    |
| DHC (FEET)           | NA         | 2                                                 | 3:30                 | 7.02 | 14.7                                          | 1.51                    | 958.50     | 0.73           | 1.47                       | -97.5    |
| DTW (FEET)           | 82.51      | 3                                                 |                      |      |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 32.22      | 4                                                 |                      |      |                                               |                         |            |                |                            |          |
| DTB - DTW            |            | 5                                                 |                      |      |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                 |                      |      |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                                                   |                      |      |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                                                   |                      |      |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    | 19.00      | WEATHER CONDITIONS:<br>Sunny 88 °F                |                      |      |                                               |                         |            |                |                            |          |
| PURGE DATE           | 6-7-22     | WATER APPEARANCE / ODOR:<br>Clear / light HC odor |                      |      |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME | 3:30       | COMMENTS:                                         |                      |      |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      | 19.00      |                                                   |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 24.39      |                                                   |                      |      |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                                                   |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE DATE          | 6-8-22     | WEATHER CONDITIONS:<br>Sunny 70°F 4mph SW wind    |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 22.52      | WATER APPEARANCE / ODOR:<br>Clear / Light HC odor |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE TIME          | 8:15       | COMMENTS:                                         |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                                                   |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                                    | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                         |            |                |                            |          |
| OW-63                |            | 40 ML VOA                                         | 6                    |      | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                                         | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                                     | 2                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                                      | 1                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                                    | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                           | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                                    | 1                    |      | NaOH                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                                    | 2                    |      | TRISMA                                        |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                       |                      |      |                                               |                         |            |                |                            |          |
|                      |            | WATER QUALITY METER                               |                      |      |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

**MARATHON GALLUP REFINERY**  
**SECOND QUARTER 2022**

| WELL ID              |            | TEST PARAMETERS |      |      |                          |                         |            |                |                            |          |
|----------------------|------------|-----------------|------|------|--------------------------|-------------------------|------------|----------------|----------------------------|----------|
| OW-64                |            | Volumes         | TIME | pH   | Temperature<br>Degrees C | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-1-22     | Initial         | 8:50 | 7.49 | 14.7                     | 1.57                    | 1020.50    | 0.80           | 3.41                       | 97.4     |
| GAUGE TIME           |            | 1               | 9:05 | 7.52 | 15.1                     | 1.57                    | 1010.50    | 0.81           | 3.35                       | 89.8     |
| DHC (FEET)           | NA         | 2               |      |      |                          |                         |            |                |                            |          |
| DTW (FEET)           | 8.14       | 3               |      |      |                          |                         |            |                |                            |          |
| DTB (FEET)           | 24.30      | 4               |      |      |                          |                         |            |                |                            |          |
| DTB - DTW            | 16.16      | 5               |      |      |                          |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6               |      |      |                          |                         |            |                |                            |          |
|                      | 0.163 - 2" |                 |      |      |                          |                         |            |                |                            |          |

**PURGING DATA**

|                      |        |                                                 |
|----------------------|--------|-------------------------------------------------|
| 3 WELL<br>VOLUMES    | 31.75  | WEATHER CONDITIONS:<br>Sunny 88°F               |
| PURGE DATE           | 6-7-22 | WATER APPEARANCE / ODOR:<br>Yellowish / No odor |
| END OF PURGE<br>TIME | 3:10   | COMMENTS:<br>Purged Dry                         |
| PURGE<br>AMOUNT      | 21.25  |                                                 |
| DTW (FEET)           | DRY    |                                                 |

**SAMPLING DATA**

|             |        |                                                 |
|-------------|--------|-------------------------------------------------|
| SAMPLE DATE | 6-8-21 | WEATHER CONDITIONS:<br>Sunny 72°F               |
| DTW (FEET)  | 8.83   | WATER APPEARANCE / ODOR:<br>Yellowish / No odor |
| SAMPLE TIME | 8:50   | COMMENTS:                                       |

**SAMPLE LOG**

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
| OW-64     | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED      OIL / WATER INTERFACE PROBE  
                                     WATER QUALITY METER

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS             |                      |    |                                               |                         |            |                |                            |          |
|----------------------|------------|-----------------------------|----------------------|----|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| OW-65                |            | Volumes                     | TIME                 | pH | Temperature<br>Degrees C                      | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-2-22     | Initial                     |                      |    |                                               |                         |            |                |                            |          |
| GAUGE TIME           |            | 1                           |                      |    |                                               |                         |            |                |                            |          |
| DHC (FEET)           | 27.97      | 2                           |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 34.93      | 3                           |                      |    |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 39.51      | 4                           |                      |    |                                               |                         |            |                |                            |          |
| DTB - DTW            |            | 5                           |                      |    |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                           |                      |    |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                             |                      |    |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                             |                      |    |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:         |                      |    |                                               |                         |            |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:    |                      |    |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME |            | COMMENTS: HAS Product       |                      |    |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      |            |                             |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           |            |                             |                      |    |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                             |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:         |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:    |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE TIME          |            | COMMENTS:                   |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                             |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE              | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                         |            |                |                            |          |
| OW-65                |            | 40 ML VOA                   | 6                    |    | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                   | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER               | 2                    |    | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                | 1                    |    | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC              | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED     | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC              | 1                    |    | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE |                      |    |                                               |                         |            |                |                            |          |
|                      |            | WATER QUALITY METER         |                      |    |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                      |                      |      |                                               |                         |            |                |                            |          |
|----------------------|------------|------------------------------------------------------|----------------------|------|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| OW-66                |            | Volumes                                              | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-2-22     | Initial                                              | 2:43                 | 7.15 | 13.8                                          | 2.32                    | 1508.0     | 1.20           | 1.06                       | -103.6   |
| GAUGE TIME           | NA         | 1                                                    | 2:46                 | 7.16 | 13.6                                          | 2.29                    | 1498.00    | 1.20           | 1.03                       | -96.7    |
| DHC (FEET)           | NA         | 2                                                    | 2:50                 | 7.16 | 13.8                                          | 2.29                    | 1501.50    | 1.19           | 0.99                       | -95.4    |
| DTW (FEET)           | 18.20      | 3                                                    |                      |      |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 77.75      | 4                                                    |                      |      |                                               |                         |            |                |                            |          |
| DTB - DTW            | 9.54       | 5                                                    |                      |      |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                    |                      |      |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                                                      |                      |      |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                                                      |                      |      |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    | 4.60       | WEATHER CONDITIONS:<br>Sunny 83°F 14 mph NE winds    |                      |      |                                               |                         |            |                |                            |          |
| PURGE DATE           | 6-14-22    | WATER APPEARANCE / ODOR:<br>Brown / Green in Bucket  |                      |      |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME | 2.50       | COMMENTS:                                            |                      |      |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      | 4.75       |                                                      |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 18.57      |                                                      |                      |      |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                                                      |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE DATE          | 6-15-22    | WEATHER CONDITIONS:<br>Sunny 72°F 5 mph NW winds     |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 21.50      | WATER APPEARANCE / ODOR:<br>Brown / Green in bottles |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE TIME          | 9:30       | COMMENTS:                                            |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                                                      |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                                       | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                         |            |                |                            |          |
| OW-66                |            | 40 ML VOA                                            | 6                    |      | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                                            | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                                        | 2                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                                         | 1                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                                       | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                              | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                                       | 1                    |      | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                          |                      |      |                                               |                         |            |                |                            |          |
|                      |            | WATER QUALITY METER                                  |                      |      |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                  |                      |      |                                               |                         |            |                |                            |          |
|----------------------|------------|--------------------------------------------------|----------------------|------|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| OW-67                |            | Volumes                                          | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-2-22     | Initial                                          | 2:06                 | 6.59 | 14.9                                          | 15.75                   | 10237.00   | 9.23           | 2.09                       | 102.9    |
| GAUGE TIME           |            | 1                                                | 2:11                 | 6.60 | 14.7                                          | 15.74                   | 10231.50   | 9.23           | 2.09                       | 100.7    |
| DHC (FEET)           | NA         | 2                                                | 2:14                 | 6.60 | 14.7                                          | 16.00                   | 10246.80   | 9.24           | 2.03                       | 98.6     |
| DTW (FEET)           | 12.46      | 3                                                |                      |      |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 27.43      | 4                                                |                      |      |                                               |                         |            |                |                            |          |
| DTB - DTW            |            | 5                                                |                      |      |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                |                      |      |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                                                  |                      |      |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                                                  |                      |      |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    | 7.32       | WEATHER CONDITIONS:<br>Sunny 84°F 7 mph W winds  |                      |      |                                               |                         |            |                |                            |          |
| PURGE DATE           | 6-15-22    | WATER APPEARANCE / ODOR:<br>Brown / Slight odor  |                      |      |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME | 2:15       | COMMENTS:                                        |                      |      |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      | 7.50       |                                                  |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 16.70      |                                                  |                      |      |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                                                  |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE DATE          | 6-16-22    | WEATHER CONDITIONS:<br>Sunny 74°F Slight E winds |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 12.60      | WATER APPEARANCE / ODOR:<br>Brown / Slight odor  |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE TIME          | 9:45       | COMMENTS:                                        |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                                                  |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                                   | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                         |            |                |                            |          |
| OW-67                |            | 40 ML VOA                                        | 6                    |      | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                                        | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                                    | 2                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                                     | 1                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                                   | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                          | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                                   | 1                    |      | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                      |                      |      |                                               |                         |            |                |                            |          |
|                      |            | WATER QUALITY METER                              |                      |      |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                 |                      |      |                                               |                         |            |                |                            |          |
|----------------------|------------|-------------------------------------------------|----------------------|------|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| OW-68                |            | Volumes                                         | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-2-22     | Initial                                         | 1:43                 | 6.84 | 15.3                                          | 13.90                   | 9035.00    | 8.07           | 1.51                       | -77.3    |
| GAUGE TIME           |            | 1                                               | 1:46                 | 6.85 | 15.1                                          | 14.04                   | 9132.50    | 8.17           | 1.49                       | -88.8    |
| DHC (FEET)           | NA         | 2                                               | 1:50                 | 6.85 | 14.1                                          | 14.04                   | 9130.50    | 8.17           | 1.49                       | -89.5    |
| DTW (FEET)           | 14.18      | 3                                               |                      |      |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 28.20      | 4                                               |                      |      |                                               |                         |            |                |                            |          |
| DTB - DTW            | 14.02      | 5                                               |                      |      |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                               |                      |      |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                                                 |                      |      |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                                                 |                      |      |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    | 6.85       | WEATHER CONDITIONS:<br>Sunny 84°F 7 mph W winds |                      |      |                                               |                         |            |                |                            |          |
| PURGE DATE           | 6-15-22    | WATER APPEARANCE / ODOR:<br>Brown / slight odor |                      |      |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME | 1:50       | COMMENTS:                                       |                      |      |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      | 7.00       |                                                 |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 17.69      |                                                 |                      |      |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                                                 |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE DATE          | 6-16-22    | WEATHER CONDITIONS:<br>Sunny 73°F 4 mph E winds |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 14.65      | WATER APPEARANCE / ODOR:<br>Brown / slight odor |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE TIME          | 9:15       | COMMENTS:                                       |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                                                 |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                                  | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                         |            |                |                            |          |
| OW-68                |            | 40 ML VOA                                       | 6                    |      | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                                       | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                                   | 2                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                                    | 1                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                                  | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                         | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                                  | 1                    |      | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                     |                      |      |                                               |                         |            |                |                            |          |
|                      |            | WATER QUALITY METER                             |                      |      |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                  |                      |      |                                               |                         |            |                |                            |          |
|----------------------|------------|--------------------------------------------------|----------------------|------|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| OW-70                |            | Volumes                                          | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-1-22     | Initial                                          | 2:12                 | 7.50 | 14.9                                          | 1.23                    | 799.50     | 0.61           | 1.16                       | 632      |
| GAUGE TIME           |            | 1                                                | 2:16                 | 7.64 | 14.9                                          | 1.11                    | 781.50     | 0.55           | 0.06                       | 48.1     |
| DHC (FEET)           |            | 2                                                | 2:20                 | 7.65 | 15.1                                          | 1.15                    | 781.00     | 0.57           | 1.05                       | 49.7     |
| DTW (FEET)           | 32.12      | 3                                                |                      |      |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 47.72      | 4                                                |                      |      |                                               |                         |            |                |                            |          |
| DTB - DTW            | 15.60      | 5                                                |                      |      |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                |                      |      |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                                                  |                      |      |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                                                  |                      |      |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    | 7.75       | WEATHER CONDITIONS:<br>Cloudy 70°F 7 mph SW wind |                      |      |                                               |                         |            |                |                            |          |
| PURGE DATE           | 6-27-22    | WATER APPEARANCE / ODOR:<br>Clear / No odor      |                      |      |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME | 2:20       | COMMENTS:                                        |                      |      |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      | 7.75       |                                                  |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 33.78      |                                                  |                      |      |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                                                  |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE DATE          | 6-28-22    | WEATHER CONDITIONS:<br>Sunny 70°F 5 mph SW wind  |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 32.12      | WATER APPEARANCE / ODOR:<br>Clear / No odor      |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE TIME          | 10:20      | COMMENTS:<br>FB-6-28-22                          |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                                                  |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE ID<br>OW-70   |            | CONTAINER TYPE                                   | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                         |            |                |                            |          |
|                      |            | 40 ML VOA                                        | 6                    |      | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                                        | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                                    | 2                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                                     | 1                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                                   | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                          | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                                   | 1                    |      | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                      |                      |      |                                               |                         |            |                |                            |          |
|                      |            | WATER QUALITY METER                              |                      |      |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID               |            | TEST PARAMETERS                                   |                      |    |                                               |                         |            |                |                            |          |
|-----------------------|------------|---------------------------------------------------|----------------------|----|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| WEST LDU              |            | Volumes                                           | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE            | —          | Initial                                           |                      |    |                                               |                         |            |                |                            |          |
| GAUGE TIME            | —          | 1                                                 |                      |    |                                               |                         |            |                |                            |          |
| DHC (FEET)            | —          | 2                                                 |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)            | —          | 3                                                 |                      |    |                                               |                         |            |                |                            |          |
| DTB (FEET)            | —          | 4                                                 |                      |    |                                               |                         |            |                |                            |          |
| DTB - DTW             | —          | 5                                                 |                      |    |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT  | 0.653 - 4" | 6                                                 |                      |    |                                               |                         |            |                |                            |          |
|                       | 0.163 - 2" |                                                   |                      |    |                                               |                         |            |                |                            |          |
| PURGING DATA          |            |                                                   |                      |    |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES     | —          | WEATHER CONDITIONS:                               |                      |    |                                               |                         |            |                |                            |          |
| PURGE DATE            | —          | WATER APPEARANCE / ODOR:                          |                      |    |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME  | —          | COMMENTS:                                         |                      |    |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT       | —          |                                                   |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)            | ✓          |                                                   |                      |    |                                               |                         |            |                |                            |          |
| SAMPLING DATA         |            |                                                   |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE DATE           | 6-14-22    | WEATHER CONDITIONS:<br>Sunny 76°F 10 mph NE winds |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)            |            | WATER APPEARANCE / ODOR:<br>Yellowish / No odor   |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE TIME           | 10:15      | COMMENTS:                                         |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE LOG            |            |                                                   |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE ID<br>WEST LDU |            | CONTAINER TYPE                                    | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                         |            |                |                            |          |
|                       |            | 40 ML VOA                                         | 6                    |    | HCL                                           |                         |            |                |                            |          |
|                       |            | 40 ML VOA                                         | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                       |            | 1 LITER AMBER                                     | 2                    |    | NEAT                                          |                         |            |                |                            |          |
|                       |            | 500 ML AMBER                                      | 1                    |    | NEAT                                          |                         |            |                |                            |          |
|                       |            | 250 ML PLASTIC                                    | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                       |            | 125 ML PLASTIC FILTERED                           | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                       |            | 500 ML PLASTIC                                    | 1                    |    | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED      |            | OIL / WATER INTERFACE PROBE                       |                      |    |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID               |            | TEST PARAMETERS                                  |                      |    |                                               |                         |            |                |                            |          |
|-----------------------|------------|--------------------------------------------------|----------------------|----|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| EAST LDU              |            | Volumes                                          | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE            | ---        | Initial                                          |                      |    |                                               |                         |            |                |                            |          |
| GAUGE TIME            | ---        | 1                                                |                      |    |                                               |                         |            |                |                            |          |
| DHC (FEET)            | NA         | 2                                                |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)            | ---        | 3                                                |                      |    |                                               |                         |            |                |                            |          |
| DTB (FEET)            | ---        | 4                                                |                      |    |                                               |                         |            |                |                            |          |
| DTB - DTW             | ---        | 5                                                |                      |    |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT  | 0.653 - 4" | 6                                                |                      |    |                                               |                         |            |                |                            |          |
|                       | 0.163 - 2" |                                                  |                      |    |                                               |                         |            |                |                            |          |
| PURGING DATA          |            |                                                  |                      |    |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES     | ---        | WEATHER CONDITIONS:                              |                      |    |                                               |                         |            |                |                            |          |
| PURGE DATE            | ---        | WATER APPEARANCE / ODOR:                         |                      |    |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME  |            | COMMENTS:                                        |                      |    |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT       |            |                                                  |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)            |            |                                                  |                      |    |                                               |                         |            |                |                            |          |
| SAMPLING DATA         |            |                                                  |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE DATE           | 6-14-22    | WEATHER CONDITIONS:<br>Sunny 75°F 10mph NE Winds |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)            |            | WATER APPEARANCE / ODOR:<br>Yellowish / No odor  |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE TIME           | 9:40       | COMMENTS:                                        |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE LOG            |            |                                                  |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE ID<br>EAST LDU |            | CONTAINER TYPE                                   | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                         |            |                |                            |          |
|                       |            | 40 ML VOA                                        | 6                    |    | HCL                                           |                         |            |                |                            |          |
|                       |            | 40 ML VOA                                        | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                       |            | 1 LITER AMBER                                    | 2                    |    | NEAT                                          |                         |            |                |                            |          |
|                       |            | 500 ML AMBER                                     | 1                    |    | NEAT                                          |                         |            |                |                            |          |
|                       |            | 250 ML PLASTIC                                   | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                       |            | 125 ML PLASTIC FILTERED                          | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                       |            | 500 ML PLASTIC                                   | 1                    |    | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED      |            | OIL / WATER INTERFACE PROBE                      |                      |    |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                       |                      |      |                                               |                         |            |                |                            |          |
|----------------------|------------|-------------------------------------------------------|----------------------|------|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| OAPIS-1              |            | Volumes                                               | TIME                 | pH   | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6/2/22     | Initial                                               | 9:10                 | 6.46 | 14.3                                          | 5.11                    | 3321.50    | 2.77           | 0.47                       | -90.7    |
| GAUGE TIME           |            | 1                                                     | 9:25                 | 6.68 | 14.0                                          | 5.12                    | 3230.50    | 2.75           | 0.48                       | -87.6    |
| DHC (FEET)           | NA         | 2                                                     |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 12.78      | 3                                                     |                      |      |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 77.96      | 4                                                     |                      |      |                                               |                         |            |                |                            |          |
| DTB - DTW            | 15.18      | 5                                                     |                      |      |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                     |                      |      |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                                                       |                      |      |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                                                       |                      |      |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    | 7.5        | WEATHER CONDITIONS:<br>Cloudy 63°F 7 mph SW winds     |                      |      |                                               |                         |            |                |                            |          |
| PURGE DATE           | 6-27-22    | WATER APPEARANCE / ODOR:<br>Yellowish / light HC odor |                      |      |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME | 10:30      | COMMENTS:<br>Purged Dry                               |                      |      |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      | 6          |                                                       |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 25-24 DRY  |                                                       |                      |      |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                                                       |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE DATE          | 6-28-22    | WEATHER CONDITIONS:<br>Sunny 64°F 3 mph SW winds      |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 22.60      | WATER APPEARANCE / ODOR:<br>Yellowish / light HC odor |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE TIME          | 9:16       | COMMENTS:                                             |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                                                       |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                                        | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                         |            |                |                            |          |
| OAPIS-1              |            | 40 ML VOA                                             | 6                    |      | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                                             | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                                         | 2                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                                          | 1                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                                        | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                               | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                                        | 1                    |      | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE<br>WATER QUALITY METER    |                      |      |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                  |                      |      |                                               |                         |            |                |                            |          |
|----------------------|------------|--------------------------------------------------|----------------------|------|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| NAPIS-2              |            | Volumes                                          | TIME                 | pH   | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-2-22     | Initial                                          | 9:25                 | 7.00 | 17.2                                          | 1.98                    | 1287.00    | 1.01           | 0.57                       | -56.2    |
| GAUGE TIME           |            | 1                                                | 9:25                 | 7.01 | 17.0                                          | 2.01                    | 1306.50    | 1.01           | 0.58                       | -55.2    |
| DHC (FEET)           | NA         | 2                                                |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 10.05      | 3                                                |                      |      |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 14.65      | 4                                                |                      |      |                                               |                         |            |                |                            |          |
| DTB - DTW            | 4.60       | 5                                                |                      |      |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                |                      |      |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                                                  |                      |      |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                                                  |                      |      |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    | 2.25       | WEATHER CONDITIONS:<br>Sunny 71°F 7 mph SW winds |                      |      |                                               |                         |            |                |                            |          |
| PURGE DATE           | 6-2-22     | WATER APPEARANCE / ODOR:<br>Clear / No odor      |                      |      |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME | 10:30      | COMMENTS:<br>Purged Dry                          |                      |      |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      | 1.75       |                                                  |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | DRY        |                                                  |                      |      |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                                                  |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE DATE          | 6-23-22    | WEATHER CONDITIONS:<br>Sunny 65°F 7 mph SW winds |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 10.02      | WATER APPEARANCE / ODOR:<br>Clear / No odor      |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE TIME          | 9:25       | COMMENTS:                                        |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                                                  |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE ID<br>NAPIS-2 |            | CONTAINER TYPE                                   | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                         |            |                |                            |          |
|                      |            | 40 ML VOA                                        | 6                    |      | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                                        | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                                    | 2                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                                     | 1                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                                   | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                          | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                                   | 1                    |      | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                      |                      |      |                                               |                         |            |                |                            |          |
|                      |            | WATER QUALITY METER                              |                      |      |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID                     |                         | TEST PARAMETERS                                          |                                               |      |                             |                         |            |                |                            |          |
|-----------------------------|-------------------------|----------------------------------------------------------|-----------------------------------------------|------|-----------------------------|-------------------------|------------|----------------|----------------------------|----------|
| NAPIS-3                     |                         | Volumes                                                  | TIME                                          | pH   | Temperature<br>Degrees (°C) | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE                  | 6-2-22                  | Initial                                                  | 10:55                                         | 7.05 | 15.8                        | 2.37                    | 1534.00    | 1.22           | 1.36                       | -60.4    |
| GAUGE TIME                  |                         | 1                                                        | 11:00                                         | 7.09 | 15.1                        | 2.33                    | 1514.00    | 1.20           | 1.38                       | -56.4    |
| DHC (FEET)                  | NA                      | 2                                                        | 11:04                                         | 7.08 | 15.7                        | 2.31                    | 1501.50    | 1.19           | 1.42                       | -56.9    |
| DTW (FEET)                  | 10.01                   | 3                                                        |                                               |      |                             |                         |            |                |                            |          |
| DTB (FEET)                  | 24.32                   | 4                                                        |                                               |      |                             |                         |            |                |                            |          |
| DTB - DTW                   | 14.31                   | 5                                                        |                                               |      |                             |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT        | 0.653 - 4"              | 6                                                        |                                               |      |                             |                         |            |                |                            |          |
|                             | 0.163 - 2"              |                                                          |                                               |      |                             |                         |            |                |                            |          |
| PURGING DATA                |                         |                                                          |                                               |      |                             |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES           | 7                       | WEATHER CONDITIONS:<br>Sunny 72°F 7 mph SW winds         |                                               |      |                             |                         |            |                |                            |          |
| PURGE DATE                  | 6-23-22                 | WATER APPEARANCE / ODOR:<br>Clear turned Brown / No odor |                                               |      |                             |                         |            |                |                            |          |
| END OF PURGE<br>TIME        | 11:05                   | COMMENTS:                                                |                                               |      |                             |                         |            |                |                            |          |
| PURGE<br>AMOUNT             | 7                       |                                                          |                                               |      |                             |                         |            |                |                            |          |
| DTW (FEET)                  | 20.55                   |                                                          |                                               |      |                             |                         |            |                |                            |          |
| SAMPLING DATA               |                         |                                                          |                                               |      |                             |                         |            |                |                            |          |
| SAMPLE DATE                 | 6-27-22                 | WEATHER CONDITIONS:<br>Sunny 65°F 7 mph SW winds         |                                               |      |                             |                         |            |                |                            |          |
| DTW (FEET)                  | 10.01                   | WATER APPEARANCE / ODOR:<br>Clear / No odor              |                                               |      |                             |                         |            |                |                            |          |
| SAMPLE TIME                 | 9:45                    | COMMENTS:                                                |                                               |      |                             |                         |            |                |                            |          |
| SAMPLE LOG                  |                         |                                                          |                                               |      |                             |                         |            |                |                            |          |
| SAMPLE ID                   | CONTAINER TYPE          | NUMBER OF CONTAINERS                                     | PRESERVATIVE                                  |      |                             |                         |            |                |                            |          |
| NAPIS-3                     | 40 ML VOA               | 6                                                        | HCL                                           |      |                             |                         |            |                |                            |          |
|                             | 40 ML VOA               | 2                                                        | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |      |                             |                         |            |                |                            |          |
|                             | 1 LITER AMBER           | 2                                                        | NEAT                                          |      |                             |                         |            |                |                            |          |
|                             | 500 ML AMBER            | 1                                                        | NEAT                                          |      |                             |                         |            |                |                            |          |
|                             | 250 ML PLASTIC          | 1                                                        | HNO <sub>3</sub>                              |      |                             |                         |            |                |                            |          |
|                             | 125 ML PLASTIC FILTERED | 1                                                        | HNO <sub>3</sub>                              |      |                             |                         |            |                |                            |          |
|                             | 500 ML PLASTIC          | 1                                                        | NaOH                                          |      |                             |                         |            |                |                            |          |
| INSTRUMENTS USED            |                         |                                                          |                                               |      |                             |                         |            |                |                            |          |
| OIL / WATER INTERFACE PROBE |                         |                                                          |                                               |      |                             |                         |            |                |                            |          |
| WATER QUALITY METER         |                         |                                                          |                                               |      |                             |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |       |      |                             |                         |            |                |                            |          |
|----------------------|------------|-----------------|-------|------|-----------------------------|-------------------------|------------|----------------|----------------------------|----------|
| KA-3                 |            | Volumes         | TIME  | pH   | Temperature<br>Degrees (°C) | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-2-22     | Initial         | 16:05 | 7.32 | 17.0                        | 2.34                    | 1521.00    | 1.21           | 1.37                       | 76.2     |
| GAUGE TIME           |            | 1               | 10:10 | 7.30 | 17.0                        | 2.30                    | 1439.00    | 1.20           | 1.35                       | 68.3     |
| DHC (FEET)           |            | 2               |       |      |                             |                         |            |                |                            |          |
| DTW (FEET)           | 10.95      | 3               |       |      |                             |                         |            |                |                            |          |
| DTB (FEET)           | 31.65      | 4               |       |      |                             |                         |            |                |                            |          |
| DTB - DTW            | 20.7       | 5               |       |      |                             |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6               |       |      |                             |                         |            |                |                            |          |
|                      | 0.163 - 2" |                 |       |      |                             |                         |            |                |                            |          |

PURGING DATA

|                      |         |                                                         |
|----------------------|---------|---------------------------------------------------------|
| 3 WELL<br>VOLUMES    | 10      | WEATHER CONDITIONS:<br>Sunny 73°F 7 mph SW wind         |
| PURGE DATE           | 6-23-22 | WATER APPEARANCE / ODOR:<br>Purged Dry Clear / No color |
| END OF PURGE<br>TIME | 11:20   | COMMENTS:<br>Purged Dry                                 |
| PURGE<br>AMOUNT      | 4       |                                                         |
| DTW (FEET)           | Dry     |                                                         |

SAMPLING DATA

|             |         |                                                        |
|-------------|---------|--------------------------------------------------------|
| SAMPLE DATE | 6-24-22 | WEATHER CONDITIONS:<br>Sunny 66°F @ 70°F 7 mph SW wind |
| DTW (FEET)  | 11.15   | WATER APPEARANCE / ODOR:<br>Clear / No color           |
| SAMPLE TIME | 10:05   | COMMENTS:                                              |

SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
| KA-3      | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

|                  |                             |
|------------------|-----------------------------|
| INSTRUMENTS USED | OIL / WATER INTERFACE PROBE |
|                  | WATER QUALITY METER         |

COMPLETED BY:

SIGNATURE:

**MARATHON GALLUP REFINERY  
SECOND QUARTER 2022**

| WELL ID              |                          | TEST PARAMETERS |      |    |                             |                         |            |                |                            |          |
|----------------------|--------------------------|-----------------|------|----|-----------------------------|-------------------------|------------|----------------|----------------------------|----------|
| NAPIS-1              |                          | Volumes         | TIME | pH | Temperature<br>Degrees (°C) | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-1-22                   | Initial         |      |    |                             |                         |            |                |                            |          |
| GAUGE TIME           |                          | 1               |      |    |                             |                         |            |                |                            |          |
| DHC (FEET)           | 7.415                    | 2               |      |    |                             |                         |            |                |                            |          |
| DTW (FEET)           | 7.48                     | 3               |      |    |                             |                         |            |                |                            |          |
| DTB (FEET)           | 13.95                    | 4               |      |    |                             |                         |            |                |                            |          |
| DTB - DTW            |                          | 5               |      |    |                             |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4"<br>0.163 - 2" | 6               |      |    |                             |                         |            |                |                            |          |

**PURGING DATA**

|                      |  |                          |
|----------------------|--|--------------------------|
| 3 WELL<br>VOLUMES    |  | WEATHER CONDITIONS:      |
| PURGE DATE           |  | WATER APPEARANCE / ODOR: |
| END OF<br>PURGE TIME |  | COMMENTS: HAS Product    |
| PURGE<br>AMOUNT      |  |                          |
| DTW (FEET)           |  |                          |

**SAMPLING DATA**

|             |  |                          |
|-------------|--|--------------------------|
| SAMPLE DATE |  | WEATHER CONDITIONS:      |
| DTW (FEET)  |  | WATER APPEARANCE / ODOR: |
| SAMPLE TIME |  | COMMENTS:                |

**SAMPLE LOG**

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
| NAPIS-1   | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

**INSTRUMENTS USED** OIL / WATER INTERFACE PROBE

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                   |                      |      |                                               |                         |            |                |                            |          |
|----------------------|------------|---------------------------------------------------|----------------------|------|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| STP-1-NW             |            | Volumes                                           | TIME                 | pH   | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-2-22     | Initial                                           | 17:50                | 7.82 | 15.7                                          | 6.55                    | 4257.00    | 3.60           | 2.62                       | 42.0     |
| GAUGE TIME           |            | 1                                                 | 11:55                | 7.74 | 14.5                                          | 6.56                    | 4264.00    | 3.63           | 3.12                       | 58.5     |
| DHC (FEET)           |            | 2                                                 | 12:00                | 7.75 | 14.7                                          | 6.60                    | 4290.00    | 3.67           | 2.92                       | 62.9     |
| DTW (FEET)           | 21.27      | 3                                                 |                      |      |                                               |                         |            |                |                            |          |
| DTB (FEET)           | 49.49      | 4                                                 |                      |      |                                               |                         |            |                |                            |          |
| DTB - DTW            | 28.22      | 5                                                 |                      |      |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                 |                      |      |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                                                   |                      |      |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                                                   |                      |      |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    | 14         | WEATHER CONDITIONS:<br>Cloudy 64°F 7 mph SW winds |                      |      |                                               |                         |            |                |                            |          |
| PURGE DATE           | 6-27-22    | WATER APPEARANCE / ODOR:<br>Clear / No odor       |                      |      |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME | 12:00      | COMMENTS:                                         |                      |      |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      | 14         |                                                   |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 44.30      |                                                   |                      |      |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                                                   |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE DATE          | 6-28-22    | WEATHER CONDITIONS:<br>Sunny 66°F 4 mph SW winds  |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | 39.15      | WATER APPEARANCE / ODOR:<br>Clear / No odor       |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE TIME          | 9:35       | COMMENTS:                                         |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                                                   |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                                    | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                         |            |                |                            |          |
| STP-1-NW             |            | 40 ML VOA                                         | 6                    |      | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                                         | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                                     | 2                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                                      | 1                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                                    | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                           | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                                    | 1                    |      | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                       |                      |      |                                               |                         |            |                |                            |          |
|                      |            | WATER QUALITY METER                               |                      |      |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS             |                      |    |                                               |                         |            |                |                            |          |
|----------------------|------------|-----------------------------|----------------------|----|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| STP-1-SW             |            | Volumes                     | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-1-22     | Initial                     |                      |    |                                               |                         |            |                |                            |          |
| GAUGE TIME           |            | 1                           |                      |    |                                               |                         |            |                |                            |          |
| DHC (FEET)           | DRY        | 2                           |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           | DRY        | 3                           |                      |    |                                               |                         |            |                |                            |          |
| DTB (FEET)           | DRY        | 4                           |                      |    |                                               |                         |            |                |                            |          |
| DTB - DTW            |            | 5                           |                      |    |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                           |                      |    |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                             |                      |    |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                             |                      |    |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:         |                      |    |                                               |                         |            |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:    |                      |    |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME |            | COMMENTS: DRY               |                      |    |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      |            |                             |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           |            |                             |                      |    |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                             |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:         |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:    |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE TIME          |            | COMMENTS:                   |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                             |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE              | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                         |            |                |                            |          |
| STP-1-SW             |            | 40 ML VOA                   | 6                    |    | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                   | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER               | 2                    |    | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                | 1                    |    | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC              | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED     | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC              | 1                    |    | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE |                      |    |                                               |                         |            |                |                            |          |
|                      |            | WATER QUALITY METER         |                      |    |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID                                      |                         | TEST PARAMETERS          |                                               |    |                             |                         |            |                |                            |          |
|----------------------------------------------|-------------------------|--------------------------|-----------------------------------------------|----|-----------------------------|-------------------------|------------|----------------|----------------------------|----------|
| GWM-1                                        |                         | Volumes                  | TIME                                          | pH | Temperature<br>Degrees (°C) | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE                                   | 6-1-22                  | Initial                  |                                               |    |                             |                         |            |                |                            |          |
| GAUGE TIME                                   |                         | 1                        |                                               |    |                             |                         |            |                |                            |          |
| DHC (FEET)                                   | 21.03                   | 2                        |                                               |    |                             |                         |            |                |                            |          |
| DTW (FEET)                                   | 13.20                   | 3                        |                                               |    |                             |                         |            |                |                            |          |
| DTB (FEET)                                   | 26.40                   | 4                        |                                               |    |                             |                         |            |                |                            |          |
| DTB - DTW                                    |                         | 5                        |                                               |    |                             |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT                         | 0.653 - 4"              | 6                        |                                               |    |                             |                         |            |                |                            |          |
|                                              | 0.163 - 2"              |                          |                                               |    |                             |                         |            |                |                            |          |
| PURGING DATA                                 |                         |                          |                                               |    |                             |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES                            |                         | WEATHER CONDITIONS:      |                                               |    |                             |                         |            |                |                            |          |
| PURGE DATE                                   |                         | WATER APPEARANCE / ODOR: |                                               |    |                             |                         |            |                |                            |          |
| END OF PURGE<br>TIME                         |                         | COMMENTS: HAS Product    |                                               |    |                             |                         |            |                |                            |          |
| PURGE<br>AMOUNT                              |                         |                          |                                               |    |                             |                         |            |                |                            |          |
| DTW (FEET)                                   |                         |                          |                                               |    |                             |                         |            |                |                            |          |
| SAMPLING DATA                                |                         |                          |                                               |    |                             |                         |            |                |                            |          |
| SAMPLE DATE                                  |                         | WEATHER CONDITIONS:      |                                               |    |                             |                         |            |                |                            |          |
| DTW (FEET)                                   |                         | WATER APPEARANCE / ODOR: |                                               |    |                             |                         |            |                |                            |          |
| SAMPLE TIME                                  |                         | COMMENTS:                |                                               |    |                             |                         |            |                |                            |          |
| SAMPLE LOG                                   |                         |                          |                                               |    |                             |                         |            |                |                            |          |
| SAMPLE ID                                    | CONTAINER TYPE          | NUMBER OF CONTAINERS     | PRESERVATIVE                                  |    |                             |                         |            |                |                            |          |
| GWM-1                                        | 40 ML VOA               | 6                        | HCL                                           |    |                             |                         |            |                |                            |          |
|                                              | 40 ML VOA               | 2                        | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |    |                             |                         |            |                |                            |          |
|                                              | 1 LITER AMBER           | 2                        | NEAT                                          |    |                             |                         |            |                |                            |          |
|                                              | 500 ML AMBER            | 1                        | NEAT                                          |    |                             |                         |            |                |                            |          |
|                                              | 250 ML PLASTIC          | 1                        | HNO <sub>3</sub>                              |    |                             |                         |            |                |                            |          |
|                                              | 125 ML PLASTIC FILTERED | 1                        | HNO <sub>3</sub>                              |    |                             |                         |            |                |                            |          |
|                                              | 500 ML PLASTIC          | 1                        | NaOH                                          |    |                             |                         |            |                |                            |          |
| INSTRUMENTS USED OIL / WATER INTERFACE PROBE |                         |                          |                                               |    |                             |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS             |                      |    |                                               |                         |            |                |                            |          |
|----------------------|------------|-----------------------------|----------------------|----|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| GWM-2                |            | Volumes                     | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-1-22     | Initial                     |                      |    |                                               |                         |            |                |                            |          |
| GAUGE TIME           |            | 1                           |                      |    |                                               |                         |            |                |                            |          |
| DHC (FEET)           | DRY        | 2                           |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           | DRY        | 3                           |                      |    |                                               |                         |            |                |                            |          |
| DTB (FEET)           | DRY        | 4                           |                      |    |                                               |                         |            |                |                            |          |
| DTB - DTW            |            | 5                           |                      |    |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                           |                      |    |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                             |                      |    |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                             |                      |    |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:         |                      |    |                                               |                         |            |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:    |                      |    |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME |            | COMMENTS: DRY               |                      |    |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      |            |                             |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           |            |                             |                      |    |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                             |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:         |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR:    |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE TIME          |            | COMMENTS:                   |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                             |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE              | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                         |            |                |                            |          |
| GWM-2                |            | 40 ML VOA                   | 6                    |    | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                   | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER               | 2                    |    | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                | 1                    |    | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC              | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED     | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC              | 1                    |    | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE |                      |    |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID                                      |            | TEST PARAMETERS          |                      |    |                                               |                         |            |                |                            |          |
|----------------------------------------------|------------|--------------------------|----------------------|----|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| GWM-3                                        |            | Volumes                  | TIME                 | pH | Temperature<br>Degrees (°C)                   | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE                                   | 6-1-22     | Initial                  |                      |    |                                               |                         |            |                |                            |          |
| GAUGE TIME                                   |            | 1                        |                      |    |                                               |                         |            |                |                            |          |
| DHC (FEET)                                   | DRY        | 2                        |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)                                   | DRY        | 3                        |                      |    |                                               |                         |            |                |                            |          |
| DTB (FEET)                                   | DRY        | 4                        |                      |    |                                               |                         |            |                |                            |          |
| DTB - DTW                                    |            | 5                        |                      |    |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT                         | 0.653 - 4" | 6                        |                      |    |                                               |                         |            |                |                            |          |
|                                              | 0.163 - 2" |                          |                      |    |                                               |                         |            |                |                            |          |
| PURGING DATA                                 |            |                          |                      |    |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES                            |            | WEATHER CONDITIONS:      |                      |    |                                               |                         |            |                |                            |          |
| PURGE DATE                                   |            | WATER APPEARANCE / ODOR: |                      |    |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME                         |            | COMMENTS: DRY            |                      |    |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT                              |            |                          |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)                                   |            |                          |                      |    |                                               |                         |            |                |                            |          |
| SAMPLING DATA                                |            |                          |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE DATE                                  |            | WEATHER CONDITIONS:      |                      |    |                                               |                         |            |                |                            |          |
| DTW (FEET)                                   |            | WATER APPEARANCE / ODOR: |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE TIME                                  |            | COMMENTS:                |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE LOG                                   |            |                          |                      |    |                                               |                         |            |                |                            |          |
| SAMPLE ID                                    |            | CONTAINER TYPE           | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                         |            |                |                            |          |
| GWM-3                                        |            | 40 ML VOA                | 6                    |    | HCL                                           |                         |            |                |                            |          |
|                                              |            | 40 ML VOA                | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                                              |            | 1 LITER AMBER            | 2                    |    | NEAT                                          |                         |            |                |                            |          |
|                                              |            | 500 ML AMBER             | 1                    |    | NEAT                                          |                         |            |                |                            |          |
|                                              |            | 250 ML PLASTIC           | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                                              |            | 125 ML PLASTIC FILTERED  | 1                    |    | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                                              |            | 500 ML PLASTIC           | 1                    |    | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED OIL / WATER INTERFACE PROBE |            |                          |                      |    |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                             |                      |      |                                               |                         |            |                |                            |          |
|----------------------|------------|---------------------------------------------|----------------------|------|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| PW-3                 |            | Volumes                                     | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mV) |
| GAUGE DATE           | ---        | Initial                                     | 8:30                 | 7.32 | 18.4                                          | 127                     | 825.00     | 0.64           | 3.03                       | 109.1    |
| GAUGE TIME           | ---        | 1                                           |                      |      |                                               |                         |            |                |                            |          |
| DHC (FEET)           | ---        | 2                                           |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | ---        | 3                                           |                      |      |                                               |                         |            |                |                            |          |
| DTB (FEET)           | ---        | 4                                           |                      |      |                                               |                         |            |                |                            |          |
| DTB - DTW            | ---        | 5                                           |                      |      |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                           |                      |      |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                                             |                      |      |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                                             |                      |      |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    | ---        | WEATHER CONDITIONS:                         |                      |      |                                               |                         |            |                |                            |          |
| PURGE DATE           | ---        | WATER APPEARANCE / ODOR:                    |                      |      |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME | ---        | COMMENTS:                                   |                      |      |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      | ---        |                                             |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | ---        |                                             |                      |      |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                                             |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE DATE          | 6-14-22    | WEATHER CONDITIONS:<br>Sunny 74°F           |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | ---        | WATER APPEARANCE / ODOR:<br>Clear / No odor |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE TIME          | 8:30       | COMMENTS:                                   |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                                             |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                              | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                         |            |                |                            |          |
| PW-3                 |            | 40 ML VOA                                   | 6                    |      | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                                   | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                               | 2                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                                | 1                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                              | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                     | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                              | 1                    |      | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            | WATER QUALITY METER                         |                      |      |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                             |                      |      |                                               |                         |            |                |                            |          |
|----------------------|------------|---------------------------------------------|----------------------|------|-----------------------------------------------|-------------------------|------------|----------------|----------------------------|----------|
| PW-4                 |            | Volumes                                     | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | ---        | Initial                                     | 9:00                 | 7.14 | 18.2                                          | 0.95                    | 61750      | 0.47           | 2.69                       | 65.5     |
| GAUGE TIME           | ---        | 1                                           |                      |      |                                               |                         |            |                |                            |          |
| DHC (FEET)           | ---        | 2                                           |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | ---        | 3                                           |                      |      |                                               |                         |            |                |                            |          |
| DTB (FEET)           | ---        | 4                                           |                      |      |                                               |                         |            |                |                            |          |
| DTB - DTW            | ---        | 5                                           |                      |      |                                               |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                           |                      |      |                                               |                         |            |                |                            |          |
|                      | 0.163 - 2" |                                             |                      |      |                                               |                         |            |                |                            |          |
| PURGING DATA         |            |                                             |                      |      |                                               |                         |            |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:                         |                      |      |                                               |                         |            |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR:                    |                      |      |                                               |                         |            |                |                            |          |
| END OF PURGE<br>TIME |            | COMMENTS:                                   |                      |      |                                               |                         |            |                |                            |          |
| PURGE<br>AMOUNT      |            |                                             |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           |            |                                             |                      |      |                                               |                         |            |                |                            |          |
| SAMPLING DATA        |            |                                             |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE DATE          | 6.15.22    | WEATHER CONDITIONS:<br>Sunny 75°F           |                      |      |                                               |                         |            |                |                            |          |
| DTW (FEET)           | ---        | WATER APPEARANCE / ODOR:<br>Clear / No odor |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE TIME          | 9:00       | COMMENTS:                                   |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE LOG           |            |                                             |                      |      |                                               |                         |            |                |                            |          |
| SAMPLE ID<br>PW-4    |            | CONTAINER TYPE                              | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                         |            |                |                            |          |
|                      |            | 40 ML VOA                                   | 6                    |      | HCL                                           |                         |            |                |                            |          |
|                      |            | 40 ML VOA                                   | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                            |          |
|                      |            | 1 LITER AMBER                               | 2                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 500 ML AMBER                                | 1                    |      | NEAT                                          |                         |            |                |                            |          |
|                      |            | 250 ML PLASTIC                              | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                     | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                            |          |
|                      |            | 500 ML PLASTIC                              | 1                    |      | NaOH                                          |                         |            |                |                            |          |
| INSTRUMENTS USED     |            |                                             |                      |      |                                               |                         |            |                |                            |          |
| WATER QUALITY METER  |            |                                             |                      |      |                                               |                         |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

**MARATHON GALLUP REFINERY**  
**SECOND QUARTER 2022**

| WELL ID              |            | TEST PARAMETERS |      |      |                          |                         |            |                |                         |          |
|----------------------|------------|-----------------|------|------|--------------------------|-------------------------|------------|----------------|-------------------------|----------|
| BW-5B                |            | Volumes         | TIME | pH   | Temperature<br>Degrees C | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (%) | ORP (mv) |
| GAUGE DATE           | 6-1-22     | Initial         | 1:37 | 7.56 | 13.3                     | 5.50                    | 3581.50    | 2.99           | 1.48                    | -20.5    |
| GAUGE TIME           | —          | 1               | 1:41 | 7.55 | 13.2                     | 5.48                    | 3550.00    | 2.98           | 1.49                    | -21.4    |
| DHC (FEET)           | NA         | 2               | 1:45 | 7.49 | 13.4                     | 5.45                    | 3550.50    | 2.98           | 1.49                    | -25.5    |
| DTW (FEET)           | 10.10      | 3               |      |      |                          |                         |            |                |                         |          |
| DTB (FEET)           | 54.35      | 4               |      |      |                          |                         |            |                |                         |          |
| DTB - DTW            | 44.25      | 5               |      |      |                          |                         |            |                |                         |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6               |      |      |                          |                         |            |                |                         |          |
|                      | 0.163 - 2" |                 |      |      |                          |                         |            |                |                         |          |

| PURGING DATA         |        |
|----------------------|--------|
| 3 WELL<br>VOLUMES    | 21.63  |
| PURGE DATE           | 6-8-22 |
| END OF PURGE<br>TIME | 1:45   |
| PURGE<br>AMOUNT      | 9:00   |
| DTW (FEET)           | DR1    |

| SAMPLING DATA |        |
|---------------|--------|
| SAMPLE DATE   | 6-9-22 |
| DTW (FEET)    | 40.53  |
| SAMPLE TIME   |        |

| SAMPLE LOG |                         |                      |                                               |
|------------|-------------------------|----------------------|-----------------------------------------------|
| SAMPLE ID  | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
| BW-5B      | 40 ML VOA               | 6                    | HCL                                           |
|            | 40 ML VOA               | 2                    | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|            | 1 LITER AMBER           | 2                    | NEAT                                          |
|            | 500 ML AMBER            | 1                    | NEAT                                          |
|            | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|            | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|            | 500 ML PLASTIC          | 1                    | NaOH                                          |

| INSTRUMENTS USED              |  |
|-------------------------------|--|
| OIL / WATER INTERFACE PROBE   |  |
| WATER QUALITY/PARAMETER PROBE |  |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                             |                      |      |                                               |                         |            |                |                         |          |
|----------------------|------------|---------------------------------------------|----------------------|------|-----------------------------------------------|-------------------------|------------|----------------|-------------------------|----------|
| BW-5C                |            | Volumes                                     | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (%) | ORP (mv) |
| GAUGE DATE           | 6-1-22     | Initial                                     | 9:30                 | 7.46 | 11.3                                          | 5.55                    | 3727.50    | 3.00           | 3.20                    | -20.7    |
| GAUGE TIME           |            | 1                                           | 9:36                 | 7.47 | 11.0                                          | 5.50                    | 3765.50    | 2.98           | 3.21                    | -20.1    |
| DHC (FEET)           | NA         | 2                                           | 9:43                 | 7.47 | 11.0                                          | 5.50                    | 3750.00    | 2.98           | 3.21                    | -19.8    |
| DTW (FEET)           | 3.98       | 3                                           |                      |      |                                               |                         |            |                |                         |          |
| DTB (FEET)           | 69.65      | 4                                           |                      |      |                                               |                         |            |                |                         |          |
| DTB - DTW            | 65.58      | 5                                           |                      |      |                                               |                         |            |                |                         |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                           |                      |      |                                               |                         |            |                |                         |          |
|                      | 0.163 - 2" |                                             |                      |      |                                               |                         |            |                |                         |          |
| PURGING DATA         |            |                                             |                      |      |                                               |                         |            |                |                         |          |
| 3 WELL<br>VOLUMES    | 32.00      | WEATHER CONDITIONS:<br>Sunny 90°F           |                      |      |                                               |                         |            |                |                         |          |
| PURGE DATE           | 6-8-22     | WATER APPEARANCE / ODOR:<br>Clear / No odor |                      |      |                                               |                         |            |                |                         |          |
| END OF PURGE<br>TIME | 9:45       | COMMENTS:                                   |                      |      |                                               |                         |            |                |                         |          |
| PURGE AMOUNT         | 32.00      |                                             |                      |      |                                               |                         |            |                |                         |          |
| DTW (FEET)           | 5.50       |                                             |                      |      |                                               |                         |            |                |                         |          |
| SAMPLING DATA        |            |                                             |                      |      |                                               |                         |            |                |                         |          |
| SAMPLE DATE          | 6-9-22     | WEATHER CONDITIONS:<br>Sunny 70°F           |                      |      |                                               |                         |            |                |                         |          |
| DTW (FEET)           | 4.13       | WATER APPEARANCE / ODOR:<br>Clear / No odor |                      |      |                                               |                         |            |                |                         |          |
| SAMPLE TIME          | 9:30       | COMMENTS:                                   |                      |      |                                               |                         |            |                |                         |          |
| SAMPLE LOG           |            |                                             |                      |      |                                               |                         |            |                |                         |          |
| SAMPLE ID            |            | CONTAINER TYPE                              | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                         |            |                |                         |          |
| BW-5C                |            | 40 ML VOA                                   | 6                    |      | HCL                                           |                         |            |                |                         |          |
|                      |            | 40 ML VOA                                   | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                         |            |                |                         |          |
|                      |            | 1 LITER AMBER                               | 2                    |      | NEAT                                          |                         |            |                |                         |          |
|                      |            | 500 ML AMBER                                | 1                    |      | NEAT                                          |                         |            |                |                         |          |
|                      |            | 250 ML PLASTIC                              | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                         |          |
|                      |            | 125 ML PLASTIC FILTERED                     | 1                    |      | HNO <sub>3</sub>                              |                         |            |                |                         |          |
|                      |            | 500 ML PLASTIC                              | 1                    |      | NaOH                                          |                         |            |                |                         |          |
| INSTRUMENTS USED     |            | OIL / WATER INTERFACE PROBE                 |                      |      |                                               |                         |            |                |                         |          |
|                      |            | WATER QUALITY/PARAMETER PROBE               |                      |      |                                               |                         |            |                |                         |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |      |    |                          |                         |            |                |                            |          |
|----------------------|------------|-----------------|------|----|--------------------------|-------------------------|------------|----------------|----------------------------|----------|
| RW-1                 |            | Volumes         | TIME | pH | Temperature<br>Degrees C | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-2-22     | Initial         |      |    |                          |                         |            |                |                            |          |
| GAUGE TIME           |            | 1               |      |    |                          |                         |            |                |                            |          |
| DHC (FEET)           | 30.98      | 2               |      |    |                          |                         |            |                |                            |          |
| DTW (FEET)           | 31.10      | 3               |      |    |                          |                         |            |                |                            |          |
| DTB (FEET)           |            | 4               |      |    |                          |                         |            |                |                            |          |
| DTB - DTW            |            | 5               |      |    |                          |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6               |      |    |                          |                         |            |                |                            |          |
|                      | 0.163 - 2" |                 |      |    |                          |                         |            |                |                            |          |

## PURGING DATA

|                      |  |                          |
|----------------------|--|--------------------------|
| 3 WELL<br>VOLUMES    |  | WEATHER CONDITIONS:      |
| PURGE DATE           |  | WATER APPEARANCE / ODOR: |
| END OF PURGE<br>TIME |  | COMMENTS: HAS Product    |
| PURGE<br>AMOUNT      |  |                          |
| DTW (FEET)           |  |                          |

## SAMPLING DATA

|             |  |                          |
|-------------|--|--------------------------|
| SAMPLE DATE |  | WEATHER CONDITIONS:      |
| DTW (FEET)  |  | WATER APPEARANCE / ODOR: |
| SAMPLE TIME |  | COMMENTS:                |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
| RW-1      | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED OIL / WATER INTERFACE PROBE  
WATER QUALITY/PARAMETER PROBE

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |      |    |                          |                         |            |                |                            |          |
|----------------------|------------|-----------------|------|----|--------------------------|-------------------------|------------|----------------|----------------------------|----------|
| RW-2R                |            | Volumes         | TIME | pH | Temperature<br>Degrees C | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-2-22     | Initial         |      |    |                          |                         |            |                |                            |          |
| GAUGE TIME           |            | 1               |      |    |                          |                         |            |                |                            |          |
| DHC (FEET)           | 23.20      | 2               |      |    |                          |                         |            |                |                            |          |
| DTW (FEET)           | 25.55      | 3               |      |    |                          |                         |            |                |                            |          |
| DTB (FEET)           |            | 4               |      |    |                          |                         |            |                |                            |          |
| DTB - DTW            |            | 5               |      |    |                          |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6               |      |    |                          |                         |            |                |                            |          |
|                      | 0.163 - 2" |                 |      |    |                          |                         |            |                |                            |          |

| PURGING DATA         |  |                          |
|----------------------|--|--------------------------|
| 3 WELL<br>VOLUMES    |  | WEATHER CONDITIONS:      |
| PURGE DATE           |  | WATER APPEARANCE / ODOR: |
| END OF PURGE<br>TIME |  | COMMENTS: HAS Product    |
| PURGE<br>AMOUNT      |  |                          |
| DTW (FEET)           |  |                          |

| SAMPLING DATA |  |                          |
|---------------|--|--------------------------|
| SAMPLE DATE   |  | WEATHER CONDITIONS:      |
| DTW (FEET)    |  | WATER APPEARANCE / ODOR: |
| SAMPLE TIME   |  | COMMENTS:                |

| SAMPLE LOG |                         |                      |                                               |
|------------|-------------------------|----------------------|-----------------------------------------------|
| SAMPLE ID  | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
| RW-2R      | 40 ML VOA               | 6                    | HCL                                           |
|            | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|            | 1 LITER AMBER           | 2                    | NEAT                                          |
|            | 500 ML AMBER            | 1                    | NEAT                                          |
|            | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|            | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|            | 500 ML PLASTIC          | 1                    | NaOH                                          |

|                  |                               |
|------------------|-------------------------------|
| INSTRUMENTS USED | OIL / WATER INTERFACE PROBE   |
|                  | WATER QUALITY/PARAMETER PROBE |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |      |    |                          |                         |            |                |                            |          |
|----------------------|------------|-----------------|------|----|--------------------------|-------------------------|------------|----------------|----------------------------|----------|
| RW-5                 |            | Volumes         | TIME | pH | Temperature<br>Degrees C | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-2-22     | Initial         |      |    |                          |                         |            |                |                            |          |
| GAUGE TIME           |            | 1               |      |    |                          |                         |            |                |                            |          |
| DHC (FEET)           | 30.96      | 2               |      |    |                          |                         |            |                |                            |          |
| DTW (FEET)           | 33.18      | 3               |      |    |                          |                         |            |                |                            |          |
| DTB (FEET)           |            | 4               |      |    |                          |                         |            |                |                            |          |
| DTB - DTW            |            | 5               |      |    |                          |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6               |      |    |                          |                         |            |                |                            |          |
|                      | 0.163 - 2" |                 |      |    |                          |                         |            |                |                            |          |

## PURGING DATA

|                      |  |                          |
|----------------------|--|--------------------------|
| 3 WELL<br>VOLUMES    |  | WEATHER CONDITIONS:      |
| PURGE DATE           |  | WATER APPEARANCE / ODOR: |
| END OF PURGE<br>TIME |  | COMMENTS: HAS Product    |
| PURGE<br>AMOUNT      |  |                          |
| DTW (FEET)           |  |                          |

## SAMPLING DATA

|             |  |                          |
|-------------|--|--------------------------|
| SAMPLE DATE |  | WEATHER CONDITIONS:      |
| DTW (FEET)  |  | WATER APPEARANCE / ODOR: |
| SAMPLE TIME |  | COMMENTS:                |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
| RW-5      | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED OIL / WATER INTERFACE PROBE  
WATER QUALITY/PARAMETER PROBE

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |      |    |                          |                         |            |                |                            |          |
|----------------------|------------|-----------------|------|----|--------------------------|-------------------------|------------|----------------|----------------------------|----------|
| RW-6                 |            | Volumes         | TIME | pH | Temperature<br>Degrees C | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-2-22     | Initial         |      |    |                          |                         |            |                |                            |          |
| GAUGE TIME           |            | 1               |      |    |                          |                         |            |                |                            |          |
| DHC (FEET)           | 30.35      | 2               |      |    |                          |                         |            |                |                            |          |
| DTW (FEET)           | 33.00      | 3               |      |    |                          |                         |            |                |                            |          |
| DTB (FEET)           |            | 4               |      |    |                          |                         |            |                |                            |          |
| DTB - DTW            |            | 5               |      |    |                          |                         |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6               |      |    |                          |                         |            |                |                            |          |
|                      | 0.163 - 2" |                 |      |    |                          |                         |            |                |                            |          |

## PURGING DATA

|                      |  |                          |
|----------------------|--|--------------------------|
| 3 WELL<br>VOLUMES    |  | WEATHER CONDITIONS:      |
| PURGE DATE           |  | WATER APPEARANCE / ODOR: |
| END OF PURGE<br>TIME |  | COMMENTS: HAS Product    |
| PURGE<br>AMOUNT      |  |                          |
| DTW (FEET)           |  |                          |

## SAMPLING DATA

|             |  |                          |
|-------------|--|--------------------------|
| SAMPLE DATE |  | WEATHER CONDITIONS:      |
| DTW (FEET)  |  | WATER APPEARANCE / ODOR: |
| SAMPLE TIME |  | COMMENTS:                |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
| RW-6      | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED OIL / WATER INTERFACE PROBE  
WATER QUALITY/PARAMETER PROBE

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

Second QUARTER 2022

| WELL ID              |           | TEST PARAMETERS |      |    |                          |                      |           |                |                            |          |
|----------------------|-----------|-----------------|------|----|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| Oil Sump LDU         |           | Volumes         | TIME | pH | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6-2-22    | Initial         |      |    |                          |                      |           |                |                            |          |
| GAUGE TIME           |           | 2               |      |    |                          |                      |           |                |                            |          |
| DHC (FEET)           |           | 7               |      |    |                          |                      |           |                |                            |          |
| DTW (FEET)           |           | 3               |      |    |                          |                      |           |                |                            |          |
| DTB (FEET)           |           | 1               |      |    |                          |                      |           |                |                            |          |
| DTB - DTW            |           | 3               |      |    |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.853 - 4 | 3               |      |    |                          |                      |           |                |                            |          |
|                      | 0.167 - 2 |                 |      |    |                          |                      |           |                |                            |          |

## PURGING DATA

|                      |                            |
|----------------------|----------------------------|
| 3 WELL<br>VOLUMES    | WEATHER CONDITIONS:        |
| PURGE DATE           | WATER APPEARANCE / ODOR:   |
| END OF<br>PURGE TIME | COMMENTS:<br>Never Sampled |
| PURGE<br>AMOUNT      |                            |
| DTW (FEET)           |                            |

## SAMPLING DATA

|             |                          |
|-------------|--------------------------|
| SAMPLE DATE | WEATHER CONDITIONS:      |
| DTW (FEET)  | WATER APPEARANCE / ODOR: |
| SAMPLE TIME | COMMENTS:                |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

|                  |                     |
|------------------|---------------------|
| INSTRUMENTS USED | WATER QUALITY METER |
|------------------|---------------------|

COMPLETED BY:

SIGNATURE:

**MARATHON PETROLEUM COMPANY - GALLUP REFINERY**  
**SECOND QUARTER 2022**

| WELL ID              |                         | TEST PARAMETERS |       |      |                          |                      |           |                |                            |          |
|----------------------|-------------------------|-----------------|-------|------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| STP-1 to EP-2        |                         | Volumes         | TIME  | pH   | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6/24/22                 | Initial         | 10:30 | 8.25 | 12.0                     | 3.15                 | 1986      | 1.70           | 3.98                       | 205.2    |
| GAUGE TIME           |                         | 1               | 10:40 | 8.24 | 12.3                     | 3.10                 | 2016      | 1.65           | 3.95                       | 203.2    |
| DHC (FEET)           |                         | 2               |       |      |                          |                      |           |                |                            |          |
| DTW (FEET)           |                         | 3               |       |      |                          |                      |           |                |                            |          |
| DTB (FEET)           |                         | 4               |       |      |                          |                      |           |                |                            |          |
| DTB - DTW            |                         | 5               |       |      |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.74 - 4"<br>0.163 - 2" | 6               |       |      |                          |                      |           |                |                            |          |

| PURGING DATA         |                          |
|----------------------|--------------------------|
| 3 WELL<br>VOLUMES    | WEATHER CONDITIONS:      |
| PURGE DATE           | WATER APPEARANCE / ODOR: |
| END OF<br>PURGE TIME | COMMENTS:                |
| PURGE<br>AMOUNT      |                          |
| DTW (FEET)           |                          |

| SAMPLING DATA |       |
|---------------|-------|
| SAMPLE DATE   | 6/24  |
| DTW (FEET)    |       |
| SAMPLE TIME   | 10:30 |

| SAMPLE LOG       |                             |                      |
|------------------|-----------------------------|----------------------|
| SAMPLE ID        | CONTAINER TYPE              | NUMBER OF CONTAINERS |
|                  | 40 ML VOA                   | 5                    |
|                  | 40 ML VOA                   | 3                    |
|                  | 1 LITER AMBER               |                      |
|                  | 250 ML AMBER                | 1                    |
|                  | 250 ML PLASTIC              | 1                    |
|                  | 125 ML PLASTIC              | 1                    |
|                  | 125 ML PLASTIC              | 1                    |
|                  | 125 ML PLASTIC              | 1                    |
|                  | 125 ML PLASTIC              | 1                    |
|                  |                             |                      |
| INSTRUMENTS USED | OIL / WATER INTERFACE PROBE |                      |
|                  | WATER QUALITY METER         |                      |
|                  |                             |                      |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON PETROLEUM COMPANY - GALLUP REFINERY

SECOND QUARTER 2020 7

| WELL ID              |                             | TEST PARAMETERS          |                      |      |                          |                      |                                               |                |                            |          |
|----------------------|-----------------------------|--------------------------|----------------------|------|--------------------------|----------------------|-----------------------------------------------|----------------|----------------------------|----------|
| EP-2                 |                             | Volumes                  | TIME                 | pH   | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L)                                     | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6/13/20                     | Initial                  | 10:50                | 7.75 | 4.0                      | 11.20                | 8650                                          | 7.43           | 5.40                       | 220.9    |
| GAUGE TIME           |                             | 1                        | 11:00                | 7.70 | 3.8                      | 11.15                | 8430                                          | 7.30           | 5.28                       | 210.0    |
| DHC (FEET)           |                             | 2                        |                      |      |                          |                      |                                               |                |                            |          |
| DTW (FEET)           |                             | 3                        |                      |      |                          |                      |                                               |                |                            |          |
| DTB (FEET)           |                             | 4                        |                      |      |                          |                      |                                               |                |                            |          |
| DTB - DTW            |                             | 5                        |                      |      |                          |                      |                                               |                |                            |          |
| CAPACITY PER<br>FOOT | 0.74 - 4"<br>0.168 - 2"     | 6                        |                      |      |                          |                      |                                               |                |                            |          |
| PURGING DATA         |                             |                          |                      |      |                          |                      |                                               |                |                            |          |
| 3 WELL<br>VOLUMES    | WEATHER CONDITIONS:         |                          |                      |      |                          |                      |                                               |                |                            |          |
| PURGE DATE           | WATER APPEARANCE / ODOR:    |                          |                      |      |                          |                      |                                               |                |                            |          |
| END OF<br>PURGE TIME | COMMENTS:                   |                          |                      |      |                          |                      |                                               |                |                            |          |
| PURGE<br>AMOUNT      |                             |                          |                      |      |                          |                      |                                               |                |                            |          |
| DTW (FEET)           |                             |                          |                      |      |                          |                      |                                               |                |                            |          |
| SAMPLING DATA        |                             |                          |                      |      |                          |                      |                                               |                |                            |          |
| SAMPLE DATE          | 6/24                        | WEATHER CONDITIONS:      |                      |      |                          |                      |                                               |                |                            |          |
| DTW (FEET)           | 10:50                       | WATER APPEARANCE / ODOR: |                      |      |                          |                      |                                               |                |                            |          |
| SAMPLE TIME          |                             | COMMENTS:                |                      |      |                          |                      |                                               |                |                            |          |
| SAMPLE LOG           |                             |                          |                      |      |                          |                      |                                               |                |                            |          |
| SAMPLE ID            | TIME                        | CONTAINER TYPE           | NUMBER OF CONTAINERS |      |                          |                      | PRESERVATIVE                                  |                |                            |          |
|                      |                             | 40 ML VOA                | 5                    |      |                          |                      | HCL                                           |                |                            |          |
|                      |                             | 40 ML VOA                | 3                    |      |                          |                      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                |                            |          |
|                      |                             | 1 LITER AMBER            |                      |      |                          |                      | NEAT                                          |                |                            |          |
|                      |                             | 250 ML AMBER             | 1                    |      |                          |                      | NEAT                                          |                |                            |          |
|                      |                             | 250 ML PLASTIC           | 1                    |      |                          |                      | HNO <sub>3</sub>                              |                |                            |          |
|                      |                             | 125 ML PLASTIC           | 1                    |      |                          |                      | HNO <sub>3</sub>                              |                |                            |          |
|                      |                             | 125 ML PLASTIC           | 1                    |      |                          |                      | H <sub>2</sub> SO <sub>4</sub>                |                |                            |          |
|                      |                             | 125 ML PLASTIC           | 1                    |      |                          |                      | NEAT                                          |                |                            |          |
| INSTRUMENTS USED     | OIL / WATER INTERFACE PROBE |                          |                      |      |                          |                      |                                               |                |                            |          |
|                      | WATER QUALITY METER         |                          |                      |      |                          |                      |                                               |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| POND ID | SAMPLE DATE | SAMPLE TIME |
|---------|-------------|-------------|
| EP-3    |             |             |

| SAMPLING DATA   |    |                          |                         |            |                |                            |          |
|-----------------|----|--------------------------|-------------------------|------------|----------------|----------------------------|----------|
| TEST PARAMETERS |    |                          |                         |            |                |                            |          |
| TIME            | pH | Temperature<br>Degrees C | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
|                 |    |                          |                         |            |                |                            |          |

WEATHER CONDITIONS:

WATER APPEARANCE / ODOR: DRY

COMMENTS:

| SAMPLE LOG |                         |                      |                                               |
|------------|-------------------------|----------------------|-----------------------------------------------|
| SAMPLE ID  | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
| EP-3       | 40 ML VOA               | 6                    | HCL                                           |
|            | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|            | 1 LITER AMBER           | 2                    | NEAT                                          |
|            | 500 ML AMBER            | 1                    | NEAT                                          |
|            | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|            | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|            | 500 ML PLASTIC          | 1                    | NaOH                                          |
|            | 1 LITER PLASTIC         | 1                    | NEAT                                          |
|            | 500 ML PLASTIC          | 1                    | NA <sub>2</sub> SO <sub>3</sub>               |
|            | 100 ML PLASTIC          | 1                    | NEAT                                          |

INSTRUMENTS USED      WATER QUALITY METER

COMPLETED BY:

SIGNATURE:

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| POND ID | SAMPLE DATE | SAMPLE TIME |
|---------|-------------|-------------|
| EP-4    |             |             |

## SAMPLING DATA

|  | TEST PARAMETERS |    |                          |                         |            |                |                            |
|--|-----------------|----|--------------------------|-------------------------|------------|----------------|----------------------------|
|  | TIME            | pH | Temperature<br>Degrees C | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) |
|  |                 |    |                          |                         |            |                | ORP (mv)                   |

WEATHER CONDITIONS:

WATER APPEARANCE / ODOR:

COMMENTS:

DRX

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
| EP-4      | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |
|           | 1 LITER PLASTIC         | 1                    | NEAT                                          |
|           | 500 ML PLASTIC          | 1                    | NA <sub>2</sub> SO <sub>3</sub>               |
|           | 100 ML PLASTIC          | 1                    | NEAT                                          |

INSTRUMENTS USED      WATER QUALITY METER

COMPLETED BY:

SIGNATURE:

MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| POND ID | SAMPLE DATE | SAMPLE TIME |
|---------|-------------|-------------|
| EP-5    |             |             |

SAMPLING DATA

|  | TEST PARAMETERS |    |                          |                         |            |                |                            |          |
|--|-----------------|----|--------------------------|-------------------------|------------|----------------|----------------------------|----------|
|  | TIME            | pH | Temperature<br>Degrees C | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
|  |                 |    |                          |                         |            |                |                            |          |

WEATHER CONDITIONS:

WATER APPEARANCE / ODOR:

COMMENTS:

DRY

SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
| EP-5      | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |
|           | 1 LITER PLASTIC         | 1                    | NEAT                                          |
|           | 500 ML PLASTIC          | 1                    | NA <sub>2</sub> SO <sub>3</sub>               |
|           | 100 ML PLASTIC          | 1                    | NEAT                                          |

INSTRUMENTS USED WATER QUALITY METER

COMPLETED BY:

SIGNATURE:

## MARATHON PETROLEUM COMPANY - GALLUP REFINERY

SECOND QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |       |      |                          |                      |           |                |                            |          |
|----------------------|------------|-----------------|-------|------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| EP-6                 |            | VOLUME          | TIME  | pH   | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6/23/22    | Initial         | 11:10 | 7.48 | 5.1                      | 29.40                | 16442.0   | 15.60          | 3.0                        | 268.7    |
| GAUGE TIME           |            | 1               | 11:20 | 7.45 | 5.1                      | 20.21                | 16161.50  | 15.49          | 3.1                        | 232.6    |
| DHC (FEET)           |            | 2               |       |      |                          |                      |           |                |                            |          |
| DTW (FEET)           |            | 3               |       |      |                          |                      |           |                |                            |          |
| DTB (FEET)           |            | 4               |       |      |                          |                      |           |                |                            |          |
| DTB - DTW            |            | 5               |       |      |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.74 - 4"  | 6               |       |      |                          |                      |           |                |                            |          |
|                      | 0.163 - 2" |                 |       |      |                          |                      |           |                |                            |          |

## PURGING DATA

|                      |                          |
|----------------------|--------------------------|
| 3 WELL<br>VOLUMES    | WEATHER CONDITIONS:      |
| PURGE DATE           | WATER APPEARANCE / ODOR: |
| END OF<br>PURGE TIME | COMMENTS:                |
| PURGE<br>AMOUNT      |                          |
| DTW (FEET)           |                          |

## SAMPLING DATA

|             |       |                          |
|-------------|-------|--------------------------|
| SAMPLE DATE | 6/24  | WEATHER CONDITIONS:      |
| DTW (FEET)  |       | WATER APPEARANCE / ODOR: |
| SAMPLE TIME | 11:10 | COMMENTS:                |

## SAMPLE LOG

| SAMPLE ID                   | CONTAINER TYPE | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------------------------|----------------|----------------------|-----------------------------------------------|
|                             | 40 ML VOA      | 5                    | HCL                                           |
|                             | 40 ML VOA      | 3                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|                             | 1 LITER AMBER  |                      | NEAT                                          |
|                             | 250 ML AMBER   | 1                    | NEAT                                          |
|                             | 250 ML PLASTIC | 1                    | HNO <sub>3</sub>                              |
|                             | 125 ML PLASTIC | 1                    | HNO <sub>3</sub>                              |
|                             | 125 ML PLASTIC | 1                    | H <sub>2</sub> SO <sub>4</sub>                |
|                             | 125 ML PLASTIC | 1                    | NEAT                                          |
| INSTRUMENTS USED            |                |                      |                                               |
| OIL / WATER INTERFACE PROBE |                |                      |                                               |
| WATER QUALITY METER         |                |                      |                                               |

COMPLETED BY:

SIGNATURE:

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| POND ID | SAMPLE DATE | SAMPLE TIME |
|---------|-------------|-------------|
| EP-7    |             |             |

| SAMPLING DATA   |    |                          |                         |            |                |                            |          |
|-----------------|----|--------------------------|-------------------------|------------|----------------|----------------------------|----------|
| TEST PARAMETERS |    |                          |                         |            |                |                            |          |
| TIME            | pH | Temperature<br>Degrees C | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
|                 |    |                          |                         |            |                |                            |          |

WEATHER CONDITIONS:

WATER APPEARANCE / ODOR:

COMMENTS: DRY

| SAMPLE LOG |                         |                      |                                               |
|------------|-------------------------|----------------------|-----------------------------------------------|
| SAMPLE ID  | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
| EP-7       | 40 ML VOA               | 6                    | HCL                                           |
|            | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|            | 1 LITER AMBER           | 2                    | NEAT                                          |
|            | 500 ML AMBER            | 1                    | NEAT                                          |
|            | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|            | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|            | 500 ML PLASTIC          | 1                    | NaOH                                          |
|            | 1 LITER PLASTIC         | 1                    | NEAT                                          |
|            | 500 ML PLASTIC          | 1                    | NA <sub>2</sub> SO <sub>3</sub>               |
|            | 100 ML PLASTIC          | 1                    | NEAT                                          |

INSTRUMENTS USED      WATER QUALITY METER

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| POND ID | SAMPLE DATE | SAMPLE TIME |
|---------|-------------|-------------|
| EP-8    |             |             |

| SAMPLING DATA   |    |                          |                         |            |                |                            |          |
|-----------------|----|--------------------------|-------------------------|------------|----------------|----------------------------|----------|
| TEST PARAMETERS |    |                          |                         |            |                |                            |          |
| TIME            | pH | Temperature<br>Degrees C | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
|                 |    |                          |                         |            |                |                            |          |

WEATHER CONDITIONS:

WATER APPEARANCE / ODOR:

COMMENTS: DRY

| SAMPLE LOG |                         |                      |                                               |
|------------|-------------------------|----------------------|-----------------------------------------------|
| SAMPLE ID  | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
| EP-8       | 40 ML VOA               | 6                    | HCL                                           |
|            | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|            | 1 LITER AMBER           | 2                    | NEAT                                          |
|            | 500 ML AMBER            | 1                    | NEAT                                          |
|            | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|            | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|            | 500 ML PLASTIC          | 1                    | NaOH                                          |
|            | 1 LITER PLASTIC         | 1                    | NEAT                                          |
|            | 500 ML PLASTIC          | 1                    | NA <sub>2</sub> SO <sub>3</sub>               |
|            | 100 ML PLASTIC          | 1                    | NEAT                                          |

INSTRUMENTS USED      WATER QUALITY METER

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

# MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| POND ID | SAMPLE DATE | SAMPLE TIME |
|---------|-------------|-------------|
| EP-9    |             |             |

## SAMPLING DATA

| TEST PARAMETERS |    |                          |                         |            |                |                            |          |
|-----------------|----|--------------------------|-------------------------|------------|----------------|----------------------------|----------|
| TIME            | pH | Temperature<br>Degrees C | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
|                 |    |                          |                         |            |                |                            |          |

WEATHER CONDITIONS:

WATER APPEARANCE / ODOR:

COMMENTS:

DRY

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
| EP-9      | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |
|           | 1 LITER PLASTIC         | 1                    | NEAT                                          |
|           | 500 ML PLASTIC          | 1                    | NA <sub>2</sub> SO <sub>3</sub>               |
|           | 100 ML PLASTIC          | 1                    | NEAT                                          |

INSTRUMENTS USED

WATER QUALITY METER

COMPLETED BY:

SIGNATURE:

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

| POND ID | SAMPLE DATE | SAMPLE TIME |
|---------|-------------|-------------|
| EP-11   |             |             |

## SAMPLING DATA

|  | TEST PARAMETERS |    |                          |                         |            |                |                            |          |
|--|-----------------|----|--------------------------|-------------------------|------------|----------------|----------------------------|----------|
|  | TIME            | pH | Temperature<br>Degrees C | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
|  |                 |    |                          |                         |            |                |                            |          |

WEATHER CONDITIONS:

WATER APPEARANCE / ODOR:

COMMENTS:

DRX

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
| EP-11     | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |
|           | 1 LITER PLASTIC         | 1                    | NEAT                                          |
|           | 500 ML PLASTIC          | 1                    | NA <sub>2</sub> SO <sub>3</sub>               |
|           | 100 ML PLASTIC          | 1                    | NEAT                                          |

INSTRUMENTS USED

WATER QUALITY METER

COMPLETED BY:

SIGNATURE:

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

|                          |                 |                         |                          |                         |            |                                               |                            |
|--------------------------|-----------------|-------------------------|--------------------------|-------------------------|------------|-----------------------------------------------|----------------------------|
| POND ID                  |                 | SAMPLE DATE             |                          | SAMPLE TIME             |            |                                               |                            |
| EP-12A                   |                 |                         |                          |                         |            |                                               |                            |
| SAMPLING DATA            |                 |                         |                          |                         |            |                                               |                            |
|                          | TEST PARAMETERS |                         |                          |                         |            |                                               |                            |
|                          | TIME            | pH                      | Temperature<br>Degrees C | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt)                                | Dissolved<br>Oxygen (mg/L) |
|                          |                 |                         |                          |                         |            |                                               |                            |
| WATER APPEARANCE / ODOR: |                 |                         |                          |                         |            |                                               |                            |
| COMMENTS: <i>DRX</i>     |                 |                         |                          |                         |            |                                               |                            |
| SAMPLE LOG               |                 |                         |                          |                         |            |                                               |                            |
| SAMPLE ID                | TIME            | CONTAINER TYPE          |                          | NUMBER OF CONTAINERS    |            | PRESERVATIVE                                  |                            |
| SAMPLE ID                |                 | CONTAINER TYPE          |                          | NUMBER OF CONTAINERS    |            | PRESERVATIVE                                  |                            |
| EP-12A                   |                 | 40 ML VOA               |                          | 6                       |            | HCL                                           |                            |
|                          |                 | 40 ML VOA               |                          | 2                       |            | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                            |
|                          |                 | 1 LITER AMBER           |                          | 2                       |            | NEAT                                          |                            |
|                          |                 | 500 ML AMBER            |                          | 1                       |            | NEAT                                          |                            |
|                          |                 | 250 ML PLASTIC          |                          | 1                       |            | HNO <sub>3</sub>                              |                            |
|                          |                 | 125 ML PLASTIC FILTERED |                          | 1                       |            | HNO <sub>3</sub>                              |                            |
|                          |                 | 500 ML PLASTIC          |                          | 1                       |            | NaOH                                          |                            |
|                          |                 | 1 LITER PLASTIC         |                          | 1                       |            | NEAT                                          |                            |
|                          |                 | 500 ML PLASTIC          |                          | 1                       |            | NA <sub>2</sub> SO <sub>3</sub>               |                            |
|                          |                 | 100 ML PLASTIC          |                          | 1                       |            | NEAT                                          |                            |
| WATER QUALITY METER      |                 |                         |                          |                         |            |                                               |                            |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

SECOND QUARTER 2022

|                          |    |                          |                         |             |                                               |                            |          |
|--------------------------|----|--------------------------|-------------------------|-------------|-----------------------------------------------|----------------------------|----------|
| POND ID                  |    | SAMPLE DATE              |                         | SAMPLE TIME |                                               |                            |          |
| EP-12B                   |    |                          |                         |             |                                               |                            |          |
| SAMPLING DATA            |    |                          |                         |             |                                               |                            |          |
| TEST PARAMETERS          |    |                          |                         |             |                                               |                            |          |
| TIME                     | pH | Temperature<br>Degrees C | Conductivity<br>(mS/cm) | TDS (mg/L)  | Salinity (ppt)                                | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
|                          |    |                          |                         |             |                                               |                            |          |
| WEATHER CONDITIONS:      |    |                          |                         |             |                                               |                            |          |
| WATER APPEARANCE / ODOR: |    |                          |                         |             |                                               |                            |          |
| COMMENTS: DRX            |    |                          |                         |             |                                               |                            |          |
| SAMPLE LOG               |    |                          |                         |             |                                               |                            |          |
| SAMPLE ID                |    | CONTAINER TYPE           | NUMBER OF CONTAINERS    |             | PRESERVATIVE                                  |                            |          |
| EP-12B                   |    | 40 ML VOA                | 6                       |             | HCL                                           |                            |          |
|                          |    | 40 ML VOA                | 2                       |             | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                            |          |
|                          |    | 1 LITER AMBER            | 2                       |             | NEAT                                          |                            |          |
|                          |    | 500 ML AMBER             | 1                       |             | NEAT                                          |                            |          |
|                          |    | 250 ML PLASTIC           | 1                       |             | HNO <sub>3</sub>                              |                            |          |
|                          |    | 125 ML PLASTIC FILTERED  | 1                       |             | HNO <sub>3</sub>                              |                            |          |
|                          |    | 500 ML PLASTIC           | 1                       |             | NaOH                                          |                            |          |
|                          |    | 1 LITER PLASTIC          | 1                       |             | NEAT                                          |                            |          |
|                          |    | 500 ML PLASTIC           | 1                       |             | NA <sub>2</sub> SO <sub>3</sub>               |                            |          |
|                          |    | 100 ML PLASTIC           | 1                       |             | NEAT                                          |                            |          |
| INSTRUMENTS USED         |    | WATER QUALITY METER      |                         |             |                                               |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_





Western Refining Southwest LLC  
D/B/A Marathon Gallup Refinery  
2022 Annual Groundwater Monitoring Report

### **Appendix A-3. 3<sup>rd</sup> Quarter Field Logs**

1ST QUARTER 2022

SIGNATURE:

STATION HON GALLUP REFINERY  
FIRST QUARTER 2022

1ST QUARTER 2022

[illegible]

Has Product

ODOR:

SAMPLE LOG

| CONTAINER TYPE         | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|------------------------|----------------------|-----------------------------------------------|
| GLASS AMBER            | 6                    | HCL                                           |
| GLASS AMBER            | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
| GLASS AMBER            | 2                    | NEAT                                          |
| GLASS AMBER            | 1                    | NEAT                                          |
| GLASS PLASTIC          | 1                    | HNO <sub>3</sub>                              |
| GLASS PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
| GLASS PLASTIC          | 1                    | NAOH                                          |

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MAHARAJON GALLUP REFINERY  
FIRST QUARTER 2022

1ST QUARTER 2022

[illegible]

ODOR:

17AS Product

NOTICE / ODOR:

**SAMPLE LOG**

| CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-------------------------|----------------------|-----------------------------------------------|
| 500 ML PLASTIC          | 1                    | NaOH                                          |
| 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
| 500 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
| 500 ML AMBER            | 1                    | NEAT                                          |
| 500 ML AMBER            | 2                    | NEAT                                          |
| 500 ML VOA              | 2                    | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
| 500 ML VOA              | 6                    | HCL                                           |

SIGNATURE:

IMPAHON GALLUP REFINERY  
FIRST QUARTER 2022

1ST QUARTER 2022

[illegible]

ODOR:

WAS Product

~~SECRET~~

PRESERVATIVE

NUMBER OF CONTAINERS

OTHER TYPE

$$\text{Na}_2\text{S}_2\text{O}_3$$

NEAT

NEAT

 $\epsilon_{\text{ONH}}$  $\varepsilon_{\text{ONH}}$  $\text{NaOH}$ 

100

MEMBER

MEMBER

PLASTIC

123 ML PLASTIC FILTERED

100 ML PLASTIC

REF ID: A66547

SIGNATURE:

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MAHON GALLUP REFINERY  
FIRST QUARTER 2022

FIRST QUARTER 2022

[illegible]

ODOR:

Has Product

~~ODOR~~

PRESERVATIVE

|                        |   |                                               |
|------------------------|---|-----------------------------------------------|
| 1.0 L VOA              | 6 | HCL                                           |
| 0.1 L VOA              | 2 | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
| 1.0 L AMBER            | 2 | NEAT                                          |
| 0.1 L AMBER            | 1 | NEAT                                          |
| 0.1 L PLASTIC          | 1 | HNO <sub>3</sub>                              |
| 0.1 L PLASTIC FILTERED | 1 | HNO <sub>3</sub>                              |
| 100 ML PLASTIC         | 1 | NaOH                                          |

100-443887-1

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SIGNATURE:

ER

JOURNAL PLASTIC

100 ML PLASTIC FILTERED

PLASTIC

NUMBER

33 AMBER

0 10A

1000

7CH

PRESERVATIVE

NUMBER OF CONTAINERS

SAMPLE LOG

NAME / ODOR:

## SAMPLING DATA

ODOR

PURGING DATA

## TEST PARAMETERS

1ST QUARTER 2022

REFRAHON GALLUP REFINERY

7. 10

7-13 FEB 1947

821. 9)

2011

22

1000

2772 - 2773

82-1171

WYOMING GALLUP REFINERY

1ST QUARTER 2022

## TEST PARAMETERS

[illegible]

## PURGING DATA

ODOR:

Has Product

## SAMPLING DATA

~~WITNESS / ODOR:~~

SAMPLE LOG

| CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-------------------------|----------------------|-----------------------------------------------|
| 100 ML PLASTIC          | 1                    | NaOH                                          |
| 100 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
| 50 ML PLASTIC           | 1                    | HNO <sub>3</sub>                              |
| 100 ML PLASTIC          | 1                    | NEAT                                          |
| 100 ML PLASTIC          | 2                    | NEAT                                          |
| 100 ML PLASTIC          | 2                    | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
| 100 ML PLASTIC          | 6                    | HCL                                           |

SIGNATURE:

MAKINON GALLUP REFINERY  
FIRST QUARTER 2022

1ST QUARTER 2022

[illegible]

ODOR:

Mrs Product

DATE / ODORE

SAMPLE LOG

| CONTAINER TYPE           | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|--------------------------|----------------------|-----------------------------------------------|
| 100 ML PLASTIC           | 6                    | HCL                                           |
| 500 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
| 1 LITER VOA              | 2                    | NEAT                                          |
| 1 LITER VOA              | 2                    | NEAT                                          |
| 100 ML PLASTIC           | 1                    | NEAT                                          |
| 500 ML PLASTIC           | 1                    | HNO <sub>3</sub>                              |
| 1 LITER PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
| 500 ML PLASTIC           | 1                    | NaOH                                          |

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WARRIOR GALLUP REFINERY  
FIRST QUARTER 2022

## TEST PARAMETERS

9/11/22

9/11/22  
 8.65  
 8.69  
 8.65

9/11/22  
 8.65  
 8.69  
 8.65

9/11/22  
 8.65  
 8.69  
 8.65

9/11/22  
 8.65  
 8.69  
 8.65

9/11/22  
 8.65  
 8.69  
 8.65

9/11/22  
 8.65  
 8.69  
 8.65

9/11/22  
 8.65  
 8.69  
 8.65

9/11/22  
 8.65  
 8.69  
 8.65

MARATHON GALLUP REFINERY  
 FIRST QUARTER 2022

1ST QUARTER 2022

## LINE

HỒ

Temperature

Conductivity (mS)

---

(7/8) SCL

Salinity (ppt)

Dissolved  
(mg/L) oxygen

ORP (mv)

[illegible]

RE/ODOR:

1775 Product

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NAME / ADDRESS:

SAMPLE LOG

PRESERVATIVE

TYPE NAME

9

HCL

2

$$\text{Na}_2\text{S}_2\text{O}_3$$

2

NEAT

T

NEAT

7

 $\epsilon_{\text{ONH}}$ 

7

 $\epsilon_{\text{ONH}}$ 

1

 $\text{NaOH}$ 

500 ML. PLASTIC

# INTERVIEW

SIGNATURE:

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1ST QUARTER 2022

1ST QUARTER 2022

[illegible]

TYPE / ODOOR:

Has Product

SMITH / ODOR

SAMPLE LOG

| CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-------------------------|----------------------|-----------------------------------------------|
| 1 LIT VOA               | 6                    | HCL                                           |
| 500 ML VOA              | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
| 1 LITER AMBER           | 2                    | NEAT                                          |
| 500 ML AMBER            | 1                    | NEAT                                          |
| 500 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
| 250 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
| 500 ML PLASTIC          | 1                    | NaOH                                          |

ER

SIGNATURE:

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MAHATHON GALLUP REFINERY  
FIRST QUARTER 2022

1ST QUARTER 2022

## TIME

PH

|          |  |
|----------|--|
| 01       |  |
| SAC PER  |  |
| 7-18     |  |
| (F.B.I.) |  |
| (F.B.I.) |  |
| (F.B.I.) |  |
| SECRET   |  |
| SE       |  |
| 9/15/22  |  |
| MRTT-14  |  |

## SEVEN

RE: ODOR

*HMS Products*

WATER / ODOUR:

SAMPLE LOG

| CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-------------------------|----------------------|-----------------------------------------------|
| 1 LITRA                 | 6                    | HCL                                           |
| 1 LITRA                 | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
| 1 LITRA                 | 2                    | NEAT                                          |
| 1 LITRA                 | 1                    | NEAT                                          |
| 500 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
| 500 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
| 500 ML PLASTIC          | 1                    | NaOH                                          |

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SIGNATURE:

# THE MILLER

100 ML PLASTIC

12.3 IN PLASTIC FILTERED

3000 PLASTIC

MEMBER

MEMBER

VOI 0

WOLFE

TYPE III

NUMBER OF CONTAINERS

PRESERVATIVE

SAMPLE LOG

NAME / ODOR:

SAMPLING DATA

DE/ODOR

PURGING DATA

## TEST PARAMETERS

FIRST QUARTER 2022

McRAHON GALLUP REFINERY

22/11/2015  
13.54  
22/15/27  
KTF-15

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REAR HON GALLUP REFINERY

1ST QUARTER 2022

## TEST PARAMETERS

[illegible]

## PURGING DATA

DDOR:

HHS Product

## SAMPLING DATA

WITNESS / ODOR:

SAMPLE LOG

| CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-------------------------|----------------------|-----------------------------------------------|
| 1 LIT VOA               | 6                    | HCL                                           |
| 0.5 LIT VOA             | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
| 1 LIT VOA               | 2                    | NEAT                                          |
| 1 LIT VOA               | 1                    | NEAT                                          |
| 500 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
| 100 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
| 100 ML PLASTIC          | 1                    | NaOH                                          |

## APPENDIX

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MAHON GALLUP REFINERY  
FIRST QUARTER 2022

1ST QUARTER 2022

## EVAL

02-20 MKT

22516

42

42.8

3. 2007 年 10 月 1 日

Figure 1 consists of two schematic diagrams. Diagram (a) is a top-down view of a rectangular arena with a central black circle. A robot is positioned at the bottom center, facing the circle. Diagram (b) is a side view of the robot, showing its internal components and the arena floor.

21. 306

1000

107  
38

1. *Chlorophyll a* (Chl *a*)

$$\frac{1}{2} \left( \frac{1}{2} \right) = \frac{1}{4}$$

CE = 0.91

$$\left| \begin{array}{cc} \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} \end{array} \right| = 0 \quad \text{and} \quad \left| \begin{array}{cc} \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} \end{array} \right| = 0$$

Wolfe / ODOR:

© 2004 Blackwell Publishing Ltd, *Journal of Internal Medicine* 255: 101–108

## PURGING DATA

NAME / ADDRESS:

~~Not enough Fluid~~

SAMPLE LOG

PRESERVATIVE

DATE

VOA T.T.T.

VOA 0.

$$\text{Na}_2\text{S}_2\text{O}_3$$

NEA1

NEAL

 $\varepsilon_{\text{NH}}$  $\varepsilon_{\text{ONH}}$  $\text{NaOH}$ 

JOHN L. PLASTIC

... 1997

SIGNATURE:

SIGNATURE:

7. TMT-EP

HOEN

T

ELASTIC

ΕΝΩΣΗ

T

2:10 PLASTIC FILTERED

 $\varepsilon_{\text{ONH}}$ 

7

3011 PLASTIC

NEAT

T

07-11 AMBER

NEAT

2

MEMBER

$$\text{Na}_2\text{S}_2\text{O}_3$$

2

VOI : C

HCL

9

VOA 7:11

PRESERVATIVE

NUMBER OF CONTAINERS

## CONCLUSION

SAMPLE LOG

ODOR:

## SAMPLING DATA

THE ODOR

N8T Enough Fluid

PURGING DATA

TIME

| Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
|--------------------------|----------------------|-----------|----------------|----------------------------|----------|

## TEST PARAMETERS

1ST QUARTER 2022

REARATHON GALLUP REFINERY

[illegible]

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**MILLER HON GALLUP REFINERY**

1ST QUARTER 2022

[illegible]

ODOR:

Has Product

~~7000R~~

PRESERVATIVE

|                         |   |                                               |
|-------------------------|---|-----------------------------------------------|
| 100 ML PLASTIC          | 1 | NaOH                                          |
| 100 ML PLASTIC FILTERED | 1 | HNO <sub>3</sub>                              |
| 50 ML PLASTIC           | 1 | HNO <sub>3</sub>                              |
| 50 ML AMBER             | 1 | NEAT                                          |
| 100 ML AMBER            | 2 | NEAT                                          |
| 50 ML VOA               | 2 | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
| 50 ML VOA               | 6 | HCL                                           |

RECEIVED





MAHARAJON GALLUP REFINERY  
FIRST QUARTER 2022

1ST QUARTER 2022

[illegible]

NAME / ODOR:

Mrs Product

~~SECRET~~

PRESERVATIVE

|                         |   |                                               |
|-------------------------|---|-----------------------------------------------|
| 0.1% VOA                | 6 | HCL                                           |
| 0.1% VOA                | 2 | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
| 0.1% AMBER              | 2 | NEAT                                          |
| 0.1% AMBER              | 1 | NEAT                                          |
| 50 ML PLASTIC           | 1 | HNO <sub>3</sub>                              |
| 1.5 ML PLASTIC FILTERED | 1 | HNO <sub>3</sub>                              |
| 100 ML PLASTIC          | 1 | NaOH                                          |

# DUMFRIES

SIGNATURE:

NEPAH HON GALLUP REFINERY

1ST QUARTER 2022

## TEST PARAMETERS

[illegible]

PURGING DATA

ODOR:

Has Product

## SAMPLING DATA

~~SECRET / ODOR~~

SAMPLE LOG

| CONTAINER TYPE | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|----------------|----------------------|-----------------------------------------------|
| GLASS          | 6                    | HCL                                           |
| GLASS          | 2                    | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
| GLASS          | 2                    | NEAT                                          |
| GLASS          | 1                    | NEAT                                          |
| GLASS          | 1                    | HNO <sub>3</sub>                              |
| GLASS          | 1                    | HNO <sub>3</sub>                              |
| GLASS          | 1                    | NaOH                                          |
| GLASS          |                      |                                               |
| GLASS          |                      |                                               |

MAHON GALLUP REFINERY

1ST QUARTER 2022

## EVAL

| Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
|--------------------------|----------------------|-----------|----------------|----------------------------|----------|

[illegible]

ODOR

*HAS Product*

~~SECRET~~

PRESERVATIVE

|                         |   |                                               |
|-------------------------|---|-----------------------------------------------|
| 100 ML PLASTIC          | 1 | NaOH                                          |
| 100 ML PLASTIC FILTERED | 1 | HNO <sub>3</sub>                              |
| 50 ML PLASTIC           | 1 | HNO <sub>3</sub>                              |
| 100 ML AMBER            | 1 | NEAT                                          |
| 100 ML AMBER            | 2 | NEAT                                          |
| 100 ML VOA              | 2 | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
| 100 ML VOA              | 6 | HCL                                           |

ER

SIGNATURE:



MARATHON GALLUP REFINERY

FIRST QUARTER 2022

TEST PARAMETERS

| TIME | PH   | Temperature<br>Degrees C | Conductivity<br>(ms) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
|------|------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| 9:55 | 7.25 | 18.1                     | 3.42                 | 2219.50   | 1.39           | 2.14                       | 138.0    |
| 9:45 | 7.26 | 18.2                     | 3.42                 | 2223.00   | 1.80           | 2.20                       | 139.0    |
| 9:35 |      |                          |                      |           |                |                            |          |
| 9:25 |      |                          |                      |           |                |                            |          |
| 9:15 |      |                          |                      |           |                |                            |          |
| 9:05 |      |                          |                      |           |                |                            |          |
| 8:55 |      |                          |                      |           |                |                            |          |
| 8:45 |      |                          |                      |           |                |                            |          |
| 8:35 |      |                          |                      |           |                |                            |          |
| 8:25 |      |                          |                      |           |                |                            |          |
| 8:15 |      |                          |                      |           |                |                            |          |
| 8:05 |      |                          |                      |           |                |                            |          |
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| 1:1  |      |                          |                      |           |                |                            |          |



MARATHON GALLUP REFINERY

FIRST QUARTER 2022

TEST PARAMETERS

| TIME | pH   | Temperature<br>Degrees C | Conductivity<br>(ms) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
|------|------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| 1:16 | 6.95 | 16.9                     | 5.77                 | 3750.50   | 3.15           | 2.72                       | 260.7    |
| 1:15 | 6.94 | 16.9                     | 5.75                 | 3735.00   | 3.15           | 2.74                       | 260.5    |
| 1:20 | 6.92 | 17.3                     | 5.77                 | 3685.50   | 3.14           | 2.68                       | 252.7    |
|      |      |                          |                      |           |                |                            |          |
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PURGING DATA

WATER CONDITIONS:

WATER SAMPLE / ODOR:

Sunny / cloudy / poor  
Clear / No odor

SAMPLING DATA

WATER CONDITIONS:

WATER SAMPLE / ODOR:

Cloudy / 6.20F / 9 mph SW wind  
Clear / No odor

SAMPLE LOG

CONTAINER TYPE NUMBER OF CONTAINERS PRESERVATIVE

0.0 ML VOA

6

HCL

40 ML VOA

2

NA<sub>2</sub>S<sub>2</sub>O<sub>3</sub>

1 LITER AMBER

2

NEAT

100 ML AMBER

1

NEAT

250 ML PLASTIC

1

HNO<sub>3</sub>

225 ML PLASTIC FILTERED

1

HNO<sub>3</sub>

500 ML PLASTIC

1

NaOH

WATER QUALITY METER

SIGNATURE:

|                     |         |
|---------------------|---------|
| WATER QUALITY METER | 10:10   |
| WATER QUALITY METER | 8.77    |
| WATER QUALITY METER | 9-14-22 |
| WATER QUALITY METER | 11.03   |
| WATER QUALITY METER | 7.00    |
| WATER QUALITY METER | 1.70    |
| WATER QUALITY METER | 9-13-22 |
| WATER QUALITY METER | 7.00    |
| WATER QUALITY METER | 14.05   |
| WATER QUALITY METER | 22.85   |
| WATER QUALITY METER | 8.80    |
| WATER QUALITY METER | NA      |
| WATER QUALITY METER | 9-7-22  |
| WATER QUALITY METER | MTF-29  |





MARATHON GALLUP REFINERY

FIRST QUARTER 2022

TEST PARAMETERS

| TIME | PH   | Temperature<br>Degrees C | Conductivity<br>(ms) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
|------|------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| 3:14 | 7.6  | 15.4                     | 2.15                 | 1392.5    | 1.11           | 1.61                       | 27.2     |
| 3:17 | 7.86 | 14.4                     | 2.18                 | 1417.0    | 1.12           | 1.51                       | 6        |
| 3:20 | 7.94 | 14.2                     | 2.19                 | 1423.5    | 1.13           | 2.25                       | -8       |
|      |      |                          |                      |           |                |                            |          |
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|      |      |                          |                      |           |                |                            |          |
|      |      |                          |                      |           |                |                            |          |

PURGING DATA

CONDITIONS:

Cloudy / 1.5h Rain / 350F

WATER SOURCE / ODOR:

Brown / w/ odor

SAMPLING DATA

CONDITIONS:

WATER SOURCE / ODOR:

SAMPLE LOG

PRESERVATIVE

CONTAINER TYPE

6

HCL

0.1 LVOA

2

NA<sub>2</sub>S<sub>2</sub>O<sub>3</sub>

2 LITER AMBER

2

NEAT

100 ML AMBER

1

NEAT

250 ML PLASTIC

1

HNO<sub>3</sub>

125 ML PLASTIC FILTERED

1

NaOH

500 ML PLASTIC

WATER METER

SIGNATURE:

6.5  
9-20-22  
5:20  
6.5  
23.95

MKT-432  
9-2-23  
14.56  
27.80  
13.3

PARAGON GALLUP REFINERY

FIRST QUARTER 2022

## TEST PARAMETERS

[illegible]

PURGING DATA

NAME / ODDOR:

Mrs. Proctor

## SAMPLING DATA

~~PRICE / ODDER:~~

SAMPLE LOG

| CONTAINER TYPE         | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|------------------------|----------------------|-----------------------------------------------|
| 100 ML PLASTIC         | 6                    | HCL                                           |
| 100 ML VOA             | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
| 100 ML VOA             | 2                    | NEAT                                          |
| 100 ML AMBER           | 2                    | NEAT                                          |
| 100 ML PLASTIC         | 1                    | NEAT                                          |
| 50 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
| 25 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
| 100 ML PLASTIC         | 1                    | NaOH                                          |

UNITED STATES

INFORMATION GALLUP REFINERY  
FIRST QUARTER 2022

1ST QUARTER 2022

## 3191

Hd

Temperature

Conductivity (mS)

(7/8) SCL

Salinity (ppt)

Dissolved  
Oxygen (mg/L)

RP (mV)

1. The first part of the paper is devoted to the study of the asymptotic behavior of the solutions of the system (1) as  $t \rightarrow \infty$ . It is shown that the solutions of the system (1) tend to zero as  $t \rightarrow \infty$  if and only if the matrix  $A$  is Hurwitz. This result is obtained by using the method of the variation of constants.

ODOR: 35

Has Product

2000

ODOR:

SAMPLE LOG

724 2000

NUMBER OF CONTAINERS

PRESERVATIVE

7. J. L. VOA

01000000

$$\text{Na}_2\text{S}_2\text{O}_3$$

9

NEAT

MECHANICAL

2

NEAT

ELASTIC

T

$$\text{HNO}_3$$

123 ML PLASTIC FILTERED

T

 $\varepsilon_{\text{ONH}}$ 

PLASTIC

T

NaOH

REIMER

SIGNATURE:





SIGNATURE:

FIRST QUARTER 2022

## TEST PARAMETERS

[illegible]

PURGING DATA

SNOW, J. O. 1971. p. 11.

ODOR: 1 EXCHANGE / 100

Product

## SAMPLING DATA

XXXXXXXXXXXXXXXXXXXX

ODOR:

2000 年 12 月 31 日

SAMPLE LOG

| NUMBER OF CONTAINERS | PRESERVATIVE |
|----------------------|--------------|
| 1                    | 1            |
| 2                    | 2            |
| 3                    | 3            |
| 4                    | 4            |
| 5                    | 5            |
| 6                    | 6            |
| 7                    | 7            |
| 8                    | 8            |
| 9                    | 9            |
| 10                   | 10           |
| 11                   | 11           |
| 12                   | 12           |
| 13                   | 13           |
| 14                   | 14           |
| 15                   | 15           |
| 16                   | 16           |
| 17                   | 17           |
| 18                   | 18           |
| 19                   | 19           |
| 20                   | 20           |
| 21                   | 21           |
| 22                   | 22           |
| 23                   | 23           |
| 24                   | 24           |
| 25                   | 25           |
| 26                   | 26           |
| 27                   | 27           |
| 28                   | 28           |
| 29                   | 29           |
| 30                   | 30           |
| 31                   | 31           |
| 32                   | 32           |
| 33                   | 33           |
| 34                   | 34           |
| 35                   | 35           |
| 36                   | 36           |
| 37                   | 37           |
| 38                   | 38           |
| 39                   | 39           |
| 40                   | 40           |
| 41                   | 41           |
| 42                   | 42           |
| 43                   | 43           |
| 44                   | 44           |
| 45                   | 45           |
| 46                   | 46           |
| 47                   | 47           |
| 48                   | 48           |
| 49                   | 49           |
| 50                   | 50           |
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| 87                   | 87           |
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| 89                   | 89           |
| 90                   | 90           |
| 91                   | 91           |
| 92                   | 92           |
| 93                   | 93           |
| 94                   | 94           |
| 95                   | 95           |
| 96                   | 96           |
| 97                   | 97           |
| 98                   | 98           |
| 99                   | 99           |
| 100                  | 100          |

CONTAINER TYPE

7CH

9

$$\text{Na}_2\text{S}_2\text{O}_3$$

2

NEAT

2

NEAT

7

$$\frac{3}{\text{HNO}_3}$$

---

T
$$\varepsilon_{\text{NH}}$$

7

NAME

↓

IN VOLUME 18, NO. 2

500 ML. PLASTIC

125 ML PLASTIC FILTERED

250 ML PLASTIC

100 ML AMBER

THE LILY AMBER

VOA 113 02

0017 VOA

CONTAINER TYPE

CONTAINER TYPE

EMERSON GALLUP REFINERY  
FIRST QUARTER 2022

1ST QUARTER 2022

## TIME

mk7E-37

22/5/6

10.35

*Handwritten:* 60

[illegible]

0.000

0.000

100

Volume 1, Article 10

DATE / TIME

2000

~~SECRET / ODDOR~~

© 2001 Blackwell Science Ltd

Has Product

SAMPLE LOG

PRESERVATIVE

NUMBER OF CONTAINERS

DATE: \_\_\_\_\_

HCL

9

VOA 7.0A

$$\text{Na}_2\text{S}_2\text{O}_3$$

2

YOU CAN

NEAT

2

MEMBER

NEAI

T

PLASTIC

PHO<sub>3</sub>

T

123 MI PLASTIC FILTERED

ΣΟΛΛΙ

T

PLASTIC

—

# NUMBER

SIGNATURE:

MARATHON GALLUP REFINERY

FIRST QUARTER 2022

TEST PARAMETERS

| TIME  | PH   | Temperature<br>Degrees C | Conductivity<br>(ms) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
|-------|------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| 11:30 | 7.51 | 13.2                     | 2.65                 | 1383.56   | 0.93           | 2.56                       | 60.4     |
| 11:45 | 7.52 | 13.0                     | 1.98                 | 1356.00   | 0.95           | 2.54                       | 55.3     |
|       |      |                          |                      |           |                |                            |          |
|       |      |                          |                      |           |                |                            |          |
|       |      |                          |                      |           |                |                            |          |
|       |      |                          |                      |           |                |                            |          |
|       |      |                          |                      |           |                |                            |          |
|       |      |                          |                      |           |                |                            |          |
|       |      |                          |                      |           |                |                            |          |
|       |      |                          |                      |           |                |                            |          |

PURGING DATA

CONDITIONS:

EXCHANGE / ODOR:

*Smoky 7:20F*  
*Greyish / with white bags / no odor*

*Purged Dry*

SAMPLING DATA

CONDITIONS:

EXCHANGE / ODOR:

*Smoky / cloudy / 610F*  
*Greyish / with white bags / no odor*

SAMPLE LOG

CONTAINER TYPE NUMBER OF CONTAINERS PRESERVATIVE

|                         |   |                                               |
|-------------------------|---|-----------------------------------------------|
| 10 ML VOA               | 6 | HCL                                           |
| 40 ML VOA               | 2 | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
| 1 LITER AMBER           | 2 | NEAT                                          |
| 100 ML AMBER            | 1 | NEAT                                          |
| 250 ML PLASTIC          | 1 | HNO <sub>3</sub>                              |
| 125 ML PLASTIC FILTERED | 1 | HNO <sub>3</sub>                              |
| 300 ML PLASTIC          | 1 | NaOH                                          |

QUANTITY METER

SIGNATURE:

|         |     |       |      |       |      |
|---------|-----|-------|------|-------|------|
| 9-12-22 | 4.5 | 12:00 | 1.50 | 11:30 | 9:35 |
| 9-12-22 | 4.5 | 12:00 | 1.50 | 11:30 | 9:35 |
| 9-12-22 | 4.5 | 12:00 | 1.50 | 11:30 | 9:35 |
| 9-12-22 | 4.5 | 12:00 | 1.50 | 11:30 | 9:35 |
| 9-12-22 | 4.5 | 12:00 | 1.50 | 11:30 | 9:35 |
| 9-12-22 | 4.5 | 12:00 | 1.50 | 11:30 | 9:35 |
| 9-12-22 | 4.5 | 12:00 | 1.50 | 11:30 | 9:35 |
| 9-12-22 | 4.5 | 12:00 | 1.50 | 11:30 | 9:35 |
| 9-12-22 | 4.5 | 12:00 | 1.50 | 11:30 | 9:35 |
| 9-12-22 | 4.5 | 12:00 | 1.50 | 11:30 | 9:35 |

MAFRAHON GALLUP REFINERY

1ST QUARTER 2022

[illegible]

WEEDS

HTS Product

ODOR:

PRESERVATIVE

PRESERVATIVE

$$\text{Na}_2\text{S}_2\text{O}_3$$

NEAT

NEAT

 $\varepsilon_{\text{ONH}}$  $\varepsilon_{\text{ONH}}$  $\text{NaOH}$ 

# WINTER

MARATHON GALLUP REFINERY

FIRST QUARTER 2022

TEST PARAMETERS

| TIME | pH   | Temperature<br>Degrees C | Conductivity<br>(ms) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
|------|------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| 1:45 | 7.07 | 16.2                     | 10.44                | 6786.00   | 5.93           | 5.27                       | 35.4     |
| 1:50 | 7.08 | 16.8                     | 10.36                | 734.00    | 5.88           | 4.64                       | 27.6     |
| 2:05 | 7.05 | 16.9                     | 10.29                | 6688.50   | 5.84           | 4.30                       | 35.0     |
| 3:00 |      |                          |                      |           |                |                            |          |
| 4:00 |      |                          |                      |           |                |                            |          |
| 5:00 |      |                          |                      |           |                |                            |          |
| 6:00 |      |                          |                      |           |                |                            |          |

PURGING DATA

ANALYST: *Sammy*

EXCHANGE / ODOR: *800P*

*Sample in wind*

ANALYST: *Clear L. D. dido*

SAMPLING DATA

ANALYST: *Sammy*

EXCHANGE / ODOR: *Cloudy / 610P*

*6/20/100000*

SAMPLE LOG

CONTAINER TYPE: *PREPERSATIVE*

NUMBER OF CONTAINERS: *6*

HCL

NA<sub>2</sub>S<sub>2</sub>O<sub>3</sub>

NEAT

NEAT

HNO<sub>3</sub>

HNO<sub>3</sub>

NaOH

QUALITY METER

SIGNATURE:

4:55

9-13-22

16.65

4.5

1.55

9-12-22

4.5

11.09

23.65

9.56

NA

9-12-22

MKT-40







MARATHON GALLUP REFINERY

FIRST QUARTER 2022

TEST PARAMETERS

| TIME | PH   | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
|------|------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| 2:38 | 6.37 | 18.2                     | 46.60                | 26.37     | 26.04          | 1.36                       | -73.7    |
| 2:41 | 6.40 | 17.6                     | 40.80                | 26.33     | 26.18          | 1.29                       | -66.3    |
| 2:44 | 6.47 | 17.6                     | 40.48                | 26.44     | 26.07          | 1.19                       | -62.2    |
|      |      |                          |                      |           |                |                            |          |
|      |      |                          |                      |           |                |                            |          |
|      |      |                          |                      |           |                |                            |          |
|      |      |                          |                      |           |                |                            |          |
|      |      |                          |                      |           |                |                            |          |
|      |      |                          |                      |           |                |                            |          |
|      |      |                          |                      |           |                |                            |          |

PURGING DATA

CONDITIONS:

EXCHANGE / ODOR:

clear / no odor

SAMPLING DATA

CONDITIONS:

EXCHANGE / ODOR:

clear / no odor

SAMPLE LOG

PRESERVATIVE

NUMBER OF CONTAINERS

CONTAINER TYPE

HCL

6

10 L VOA

NA<sub>2</sub>S<sub>2</sub>O<sub>3</sub>

2

2 LITER AMBER

NEAT

2

2 LITER AMBER

NEAT

1

250 ML PLASTIC

HNO<sub>3</sub>

1

125 ML PLASTIC FILTERED

HNO<sub>3</sub>

1

500 ML PLASTIC

NaOH

1

QUANTITY MEETER

SIGNATURE:

MARATHON GALLUP REFINERY

FIRST QUARTER 2022

TEST PARAMETERS

| TIME  | PH   | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
|-------|------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| 10:20 | 8.25 | 16.2                     | 1.75                 | 123.50    | 0.88           | 3.26                       | 66.5     |
| 10:35 | 8.25 | 16.0                     | 1.73                 | 114.50    | 0.87           | 3.25                       | 63.5     |
|       |      |                          |                      |           |                |                            |          |
|       |      |                          |                      |           |                |                            |          |
|       |      |                          |                      |           |                |                            |          |
|       |      |                          |                      |           |                |                            |          |
|       |      |                          |                      |           |                |                            |          |
|       |      |                          |                      |           |                |                            |          |
|       |      |                          |                      |           |                |                            |          |
|       |      |                          |                      |           |                |                            |          |

PURGING DATA

CONDITIONS:

Cloudy / 77°F 8 mph SW wind

RANGE / ODOR:

Brown / No odor

Purged Only

UNITED

7:25

SAMPLE DATE

9-26-22

END OF

2:15

ORG.

0.00

AM (FEET)

0.00

SAMPLE DATE

9-27-22

ATM (FEET)

32.16

SAMPLE TIME

10:20

CONDITIONS:

Sunny / 64°F

RANGE / ODOR:

Brown / No odor

SAMPLE LOG

CONTAINER TYPE NUMBER OF CONTAINERS PRESERVATIVE

0.5 LVOA 6 HCL

1.0 LVOA 2 NA<sub>2</sub>S<sub>2</sub>O<sub>3</sub>

1.0 LITER AMBER 2 NEAT

1.0 LITER AMBER 1 NEAT

250 ML PLASTIC 1 HNO<sub>3</sub>

125 ML PLASTIC FILTERED 1 HNO<sub>3</sub>

250 ML PLASTIC 1 NaOH

IN. QUALITY METER

SIGNATURE:







NARRAHON GALLUP REFINERY  
 FIRST QUARTER 2022

1ST QUARTER 2022

[illegible]

## NAME / ODOR:

Has Product

TAJIG / ODOR:

SAMPLE LOG

| CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-------------------------|----------------------|-----------------------------------------------|
| 100 ML PLASTIC          | 6                    | HCL                                           |
| 100 ML VOA              | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
| 100 ML VOA              | 2                    | NEAT                                          |
| 100 ML AMBER            | 2                    | NEAT                                          |
| 100 ML AMBER            | 1                    | NEAT                                          |
| 100 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
| 100 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
| 100 ML PLASTIC          | 1                    | NaOH                                          |

Released to Imaging: 4/21/2023 9:37:45 AM

1ST QUARTER 2022

A line graph on a grid. The horizontal axis (x-axis) and vertical axis (y-axis) are both marked with grid lines every 1 unit. The line starts at the origin (0,0) and passes through the points (2, 1), (4, 2), (6, 3), and (8, 4). The line has a constant positive slope of 1/2.

\_\_\_\_\_

Ans Product

SAMPLING DATA

DOB: \_\_\_\_\_

| SAMPLE LOG           |     |
|----------------------|-----|
| NUMBER OF CONTAINERS | 6   |
| PRESERVATIVE         | HCL |

|                                               |   |  |
|-----------------------------------------------|---|--|
| Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | 2 |  |
| NEAT                                          | 2 |  |
| NEAT                                          | 1 |  |
| HNO <sub>3</sub>                              | 1 |  |
| HNO <sub>3</sub>                              | 1 |  |
| NaOH                                          | 1 |  |

---

---



SIGNATURE:

OF MILLER

500 ML PLASTIC

123 ML PLASTIC FILTERED

OLSON, T. J.

NUMBER

— 22 MBPR

100

1000

NUMBER OF CONTAINERS PRESERVATIVE

SAMPLE LOG

ODOR:

## SAMPLING DATA

ODOR

PURGING DATA

[illegible]

## TEST PARAMETERS

1ST QUARTER 2022

REFRACTION GALLUP REFINERY

22/5/60  
 26-51  
 1691

FIRST QUARTER 2022

| TEST PARAMETERS |                          |                      |           |                |                            |
|-----------------|--------------------------|----------------------|-----------|----------------|----------------------------|
| pH              | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) |
| ORP (mv)        |                          |                      |           |                |                            |

## TEST PARAMETERS

| TIME | pH   | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
|------|------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| 15   | 8.36 | 17.4                     | 1.43                 | 929.50    | 0.72           | 2.49                       | 78.5     |
| 16   | 8.35 | 17.1                     | 1.45                 | 942.50    | 0.72           | 2.35                       | 60.5     |
| 23   | 8.33 | 17.0                     | 1.46                 | 939.00    | 0.72           | 2.40                       | 60.3     |

## PURGING DATA

"SMOULDER"

NAME / ODOR:

## SAMPLING DATA

0-9

APPEARANCE / ODOR:

## SAMPLE LOG

| CONTAINER TYPE         | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|------------------------|----------------------|-----------------------------------------------|
| 0.0 ML VOA             | 6                    | HCL                                           |
| 0.0 ML VOA             | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
| 1 LITER AMBER          | 2                    | NEAT                                          |
| 100 ML AMBER           | 1                    | NEAT                                          |
| 250 ML PLASTIC         | 1                    | HNO <sub>3</sub>                              |
| 25 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
| 500 ML PLASTIC         | 1                    | NaOH                                          |

SIGNATURE:

NaOH

$\mathcal{L}(\mathbf{y}|\mathbf{x}) = \prod_{i=1}^n p(y_i|\mathbf{x})$   
 $\mathcal{L}(\mathbf{y}|\mathbf{x}) = \prod_{i=1}^n p(y_i|\mathbf{x})$

01-250

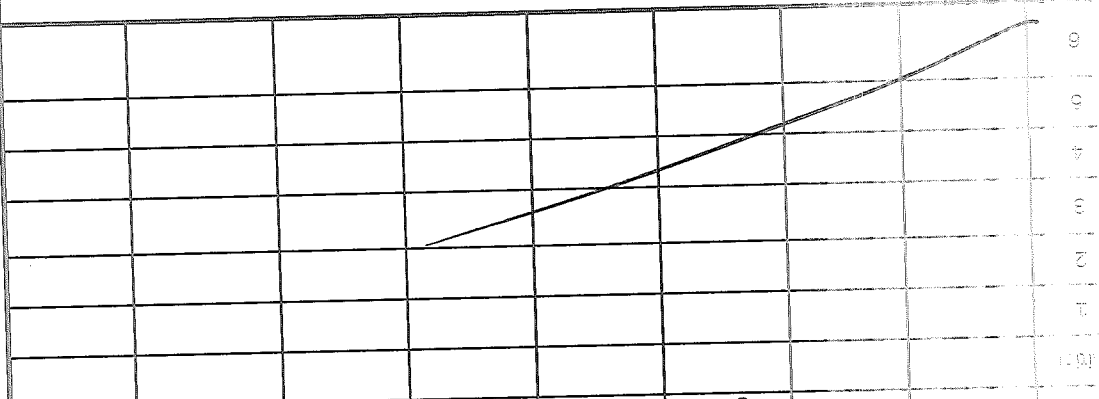


MARATHON GALLUP REFINERY

FIRST QUARTER 2022

TEST PARAMETERS

ORP (mv) Dissolved Oxygen (mg/L) Salinity (ppt) TDS (g/L) Conductivity (ms) Temperature (Degrees C) PH TIME



PURGING DATA

WEATHER CONDITIONS:

WATER APPEARANCE / ODOR:

COMMENTS:

Has Product

WELL ID

Gauge Date

Gauge Time

CHG (FEET)

DTW (FEET)

DIB (FEET)

DID - DIW

CAPACITY PER

FOOT

END OF

PURGE TIME

PURGE

AMOUNT

DTW (FEET)

SAMPLE DATE

SAMPLE TIME

SAMPLING DATA

WEATHER CONDITIONS:

WATER APPEARANCE / ODOR:

COMMENTS:

SAMPLE LOG

PRESERVATIVE

NUMBER OF CONTAINERS

CONTAINER TYPE

40 ML VOA

40 ML VOA

NA<sub>2</sub>S<sub>2</sub>O<sub>3</sub>

NEAT

NEAT

HNO<sub>3</sub>

HNO<sub>3</sub>

NaOH

500 ML PLASTIC

125 ML PLASTIC FILTERED

250 ML PLASTIC

500 ML AMBER

1 LITER AMBER

40 ML VOA

CONTAINER TYPE

40 ML VOA

40 ML VOA

40 ML VOA

40 ML VOA

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40 ML VOA

SIGNATURE:

DATE: 4/21/2023

MARATHON GALLUP REFINERY

FIRST QUARTER 2022

TEST PARAMETERS

| TIME | pH   | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
|------|------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| 2:07 | 7.34 | 15.7                     | 3.57                 | 2320.00   | 1.89           | 0.97                       | -58.7    |
| 2:11 | 7.32 | 15.8                     | 3.56                 | 2314.00   | 1.88           | 0.95                       | -58.8    |
| 2:14 | 7.27 | 16.1                     | 3.57                 | 2127.50   | 1.89           | 0.88                       | -57.5    |
|      |      |                          |                      |           |                |                            |          |
|      |      |                          |                      |           |                |                            |          |
|      |      |                          |                      |           |                |                            |          |
|      |      |                          |                      |           |                |                            |          |
|      |      |                          |                      |           |                |                            |          |
|      |      |                          |                      |           |                |                            |          |
|      |      |                          |                      |           |                |                            |          |

PURGING DATA

CONDITIONS:

WETNESS / ODOR: Cloudy 68°F / 14 mph SW winds

WETNESS / ODOR: Clear / No odor

SAMPLING DATA

CONDITIONS:

WETNESS / ODOR: Sunny 63°F

WETNESS / ODOR: Clear / No odor

SAMPLE LOG

CONTAINER TYPE NUMBER OF CONTAINERS PRESERVATIVE

10 ML VOA 6 HCL

40 ML VOA 2 NA<sub>2</sub>S<sub>2</sub>O<sub>3</sub>

1 LITER AMBER 2 NEAT

500 ML AMBER 1 NEAT

250 ML PLASTIC 1 HNO<sub>3</sub>

125 ML PLASTIC FILTERED 1 HNO<sub>3</sub>

500 ML PLASTIC 1 NaOH

QUANTITY METER

SIGNATURE:

|         |          |
|---------|----------|
| DATE    | 09-12-21 |
| TIME    | 9:20     |
| WETNESS | 3.5      |
| ODOR    | 9-14-22  |
| WETNESS | 2.15     |
| ODOR    | 3.5      |
| WETNESS | 30.78    |
| ODOR    | 9-15-22  |
| WETNESS | 29.95    |
| ODOR    | 9:30     |

FIRST QUARTER 2022

[illegible]

## SAMPLING DATA

| WELL COLUMNS                                                                                            | URGENT DATE | END OF URGENT TIME | URGENT AMOUNT | WTW (FEET) |
|---------------------------------------------------------------------------------------------------------|-------------|--------------------|---------------|------------|
| 156.50                                                                                                  | 9-6-22      | 12:35              | 156.50        | 24.83      |
| WEATHER CONDITIONS: Sunny 8:00F 6 mph SE winds<br>WATER APPEARANCE / ODOR: Clear / no odor<br>COMMENTS: |             |                    |               |            |
| SAMPLING DATA                                                                                           |             |                    |               |            |
| WEATHER CONDITIONS: Sunny 8:00F 5 mph SE winds<br>WATER APPEARANCE / ODOR: Clear / no odor<br>COMMENTS: |             |                    |               |            |
| SAMPLE TIME                                                                                             |             |                    |               |            |

SAMPLE LOG

| PRESERVATIVE                                  |   | NUMBER OF CONTAINERS    |  | CONTAINER TYPE |  |
|-----------------------------------------------|---|-------------------------|--|----------------|--|
| HCL                                           | 6 | 40 ML VOA               |  |                |  |
| NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | 2 | 40 ML VOA               |  |                |  |
| NEAT                                          | 2 | 1 LITER AMBER           |  |                |  |
| NEAT                                          | 1 | 500 ML AMBER            |  |                |  |
| HNO <sub>3</sub>                              | 1 | 250 ML PLASTIC          |  |                |  |
| HNO <sub>3</sub>                              | 1 | 125 ML PLASTIC FILTERED |  |                |  |
| NaOH                                          | 1 | 500 ML PLASTIC          |  |                |  |

SIGNATURE:

CONFIDENTIAL

FIRST QUARTER 2022

| Temperature | Degrees C | Conductivity | (mS)   | TDS (g/L) | Salinity (ppt) | Dissolved | Oxygen (mg/L) | ORP (mv) |
|-------------|-----------|--------------|--------|-----------|----------------|-----------|---------------|----------|
| 1           | 14.1      | 1.59         | 968.50 | 0.81      | 1.96           | -81.3     |               |          |
| 2           | 14.1      | 1.63         | 976.00 | 0.81      | 1.97           | -83.2     |               |          |
| 3           | 14.3      | 1.66         | 998.50 | 0.80      | 1.98           | -80.1     |               |          |

DDOR: Sunny  
Clear / No solar

THE ODOR:

5000

Clean / No odor

29 68°F  
ODOR: Clear / No odor

PRICE / ODO:

Sum 6887

01/21/2020

| PE           | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|--------------|----------------------|-----------------------------------------------|
|              | 6                    | HCL                                           |
|              | 2                    | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
| R            | 2                    | NEAT                                          |
| FR           | 1                    | NEAT                                          |
| TIC          | 1                    | HNO <sub>3</sub>                              |
| TIC FILTERED | 1                    | HNO <sub>3</sub>                              |
| TIC          | 1                    | NaOH                                          |

SIGNATURE:

First quarter 2022

SIGNATURE:

CONFIDENTIAL

| TEST PARAMETERS |            |       |     |                          |                      |           |                |                            |          |            |       |      |      |      |         |      |     |      |
|-----------------|------------|-------|-----|--------------------------|----------------------|-----------|----------------|----------------------------|----------|------------|-------|------|------|------|---------|------|-----|------|
| WELL ID         | DATE       | TIME  | pH  | Temperature<br>Degrees C | Conductivity<br>(ms) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |            |       |      |      |      |         |      |     |      |
| 02-29           | 9-3-22     | 10:00 | 7.1 | 15.5                     | 1.30                 | 1165.00   | 6.86           | 0.52                       | -2.7     |            |       |      |      |      |         |      |     |      |
|                 |            |       |     |                          |                      |           |                |                            |          | GAUGE TIME | 10.15 | 7.66 | 15.8 | 1.67 | 1085.50 | 0.85 | 1.1 | -6.8 |
|                 |            |       |     |                          |                      |           |                |                            |          | CHC (FEET) | NA    |      |      |      |         |      |     |      |
|                 |            |       |     |                          |                      |           |                |                            |          | CHV (FEET) | 18.55 |      |      |      |         |      |     |      |
|                 |            |       |     |                          |                      |           |                |                            |          | DIB (FEET) | 51.95 |      |      |      |         |      |     |      |
|                 |            |       |     |                          |                      |           |                |                            |          | DIG - D/V  | 32.90 |      |      |      |         |      |     |      |
| COMPACT PER     | 0.603 - 4" |       |     |                          |                      |           |                |                            |          |            |       |      |      |      |         |      |     |      |
| FOOT            | 0.138 - 2" |       |     |                          |                      |           |                |                            |          |            |       |      |      |      |         |      |     |      |

| PURGING DATA |            |                   |              |            |                     |                          |            |               |  |
|--------------|------------|-------------------|--------------|------------|---------------------|--------------------------|------------|---------------|--|
| WELL VOLUMES | PURGE DATE | END OF PURGE TIME | PURGE AMOUNT | DTW (FEET) | WEATHER CONDITIONS: | WATER APPEARANCE / ODOR: | COMMENTS:  | SAMPLING DATA |  |
| 65.50        | 9-6-22     | 2:10              | 23.00        | DRY        | Sunny 88°F          | Clear / No odor          | Purged Dry |               |  |

| SAMPLE LOG          |            |             |                     |                          |                 |                         |                      |                                               |              |
|---------------------|------------|-------------|---------------------|--------------------------|-----------------|-------------------------|----------------------|-----------------------------------------------|--------------|
| SAMPLE DATE         | DTW (FEET) | SAMPLE TIME | WEATHER CONDITIONS: | WATER APPEARANCE / ODOR: | COMMENTS:       | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  | CONTAINER ID |
| 9-7-22              | 18.58      | 10:00       | Sunny 75°F          | Clear / No odor          | Sample 5E winds | 40 ML VOA               | 6                    | HCL                                           |              |
|                     |            |             |                     |                          |                 | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |              |
|                     |            |             |                     |                          |                 | 1 LITER AMBER           | 2                    | NEAT                                          |              |
|                     |            |             |                     |                          |                 | 500 ML AMBER            | 1                    | NEAT                                          |              |
|                     |            |             |                     |                          |                 | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |              |
|                     |            |             |                     |                          |                 | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |              |
|                     |            |             |                     |                          |                 | 500 ML PLASTIC          | 1                    | NaOH                                          |              |
| INSTRUMENTS USED    |            |             |                     |                          |                 |                         |                      |                                               |              |
| WATER QUALITY METER |            |             |                     |                          |                 |                         |                      |                                               |              |

1. MARATHON GALLUP REFINERY  
FIRST QUARTER 2022

| Temperature | Degrees C | Conductivity | (ms)    | TDS  | (g/L) | Salinity | (ppt) | Dissolved | Oxygen | (mg/L) | ORP | (mv) |
|-------------|-----------|--------------|---------|------|-------|----------|-------|-----------|--------|--------|-----|------|
| 2           | 13.2      | 1.81         | 1166.08 | 0.87 | 2.03  | -20.3    |       |           |        |        |     |      |
| 2           | 13.1      | 1.86         | 1163.30 | 0.86 | 1.93  | -20.1    |       |           |        |        |     |      |
| 1           | 13.1      | 1.78         | 1168.08 | 0.86 | 1.90  | -20.6    |       |           |        |        |     |      |

|           |   |                   |
|-----------|---|-------------------|
| 1. ALVOLA | 6 | HCL               |
| 2. ALVOLA | 2 | NA <sub>2</sub> S |
| 3. ALVOLA | 2 | NEA               |
| 4. ALVOLA | 1 | NEA               |
| 5. ALVOLA | 1 | HNO               |
| 6. ALVOLA | 1 | HNO               |
| 7. ALVOLA | 1 | NaO               |

WINTER

11/10/70

Q-15

AE-117MM

2256



MARATHON GALLUP REFINERY

FIRST QUARTER 2022

TEST PARAMETERS

| WELL ID     | DATE     | TIME  | PH   | Temperature<br>Degrees C | Conductivity<br>(ms) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
|-------------|----------|-------|------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| 02-50       | 8-2-22   | 11:03 | 8.57 | 14.1                     | 1.03                 | 669.50    | 0.51           | 0.97                       | 170.3    |
| GAUGE TIME  | 8-2-22   | 11:06 | 8.52 | 14.2                     | 1.01                 | 656.50    | 0.50           | 0.70                       | 156.4    |
| DHO (FEET)  | 11:04    | 11:10 | 8.42 | 13.8                     | 1.01                 | 656.50    | 0.50           | 0.70                       | 153.2    |
| DTW (FEET)  | 15.95    |       |      |                          |                      |           |                |                            |          |
| DIB (FEET)  | 65.30    |       |      |                          |                      |           |                |                            |          |
| DIG-DIV     | 47.35    |       |      |                          |                      |           |                |                            |          |
| ONPAOIN PER | 0.603-4" |       |      |                          |                      |           |                |                            |          |
| FOOT        | 0.155-2" |       |      |                          |                      |           |                |                            |          |

PURGING DATA

|             |        |                                                  |                                             |           |                      |       |                 |      |            |       |
|-------------|--------|--------------------------------------------------|---------------------------------------------|-----------|----------------------|-------|-----------------|------|------------|-------|
| 3 VOLUMES   | 23     | WEATHER CONDITIONS:<br>Sunny 79°F 5 mph winds SE | WATER APPEARANCE / ODOR:<br>Clear / No odor | COMMENTS: | END OF<br>PURGE TIME | 11:10 | PURGE<br>AMOUNT | 23   | DTW (FEET) | 16.30 |
| SAMPLE DATE | 9-1-22 | WEATHER CONDITIONS:<br>Sunny 66°F 3 mph E winds  | WATER APPEARANCE / ODOR:<br>Clear / No odor | COMMENTS: | DTW (FEET)           | 16.02 | SAMPLE TIME     | 8:30 |            |       |

SAMPLING DATA

|             |  |        |                                                   |  |
|-------------|--|--------|---------------------------------------------------|--|
| SAMPLE DATE |  | 9-7-22 | WEATHER CONDITIONS:<br>Sunny<br>66° 3 mph E winds |  |
| UTM (FEET)  |  | 16.02  | WATER APPEARANCE / ODOR:<br>Clear / No odor       |  |
| SAMPLE TIME |  | 8:30   | COMMENTS:                                         |  |
| SAMPLE LOG  |  |        |                                                   |  |

CONTAINER TYPE NUMBER OF CONTAINERS PRESERVATIVE

|                         |   |                                               |
|-------------------------|---|-----------------------------------------------|
| 40 ML VOA               | 6 | HCL                                           |
| 40 ML VOA               | 2 | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
| 1 LITER AMBER           | 2 | NEAT                                          |
| 500 ML AMBER            | 1 | NEAT                                          |
| 250 ML PLASTIC          | 1 | HNO <sub>3</sub>                              |
| 125 ML PLASTIC FILTERED | 1 | HNO <sub>3</sub>                              |
| 500 ML PLASTIC          | 1 | NaOH                                          |

INSTRUMENTS USED WATER QUALITY METER

SIGNATURE:

CONF. ETD 1/1

—FIRST QUARTER 2022

CONFIDENTIAL

| TEST PARAMETERS |                         |                |           |                   |                         |      |      |            |         | WELL ID |  |
|-----------------|-------------------------|----------------|-----------|-------------------|-------------------------|------|------|------------|---------|---------|--|
| ORP (mv)        | Dissolved Oxygen (mg/L) | Salinity (ppt) | TDS (g/L) | Conductivity (ms) | Temperature (Degrees C) | pH   | TIME | DATE       | WELL ID | WELL ID |  |
| -68.3           | 0.33                    | 0.44           | 578.50    | 0.89              | 14.2                    | 8.16 | 1:36 | 9-6-22     | 00-52   |         |  |
| -70.8           | 0.57                    | 0.43           | 565.00    | 0.87              | 13.6                    | 8.14 | 1:34 |            |         |         |  |
| -73.2           | 0.77                    | 0.42           | 552.50    | 0.85              | 13.9                    | 9.13 | 1:38 | NA         |         |         |  |
|                 |                         |                |           |                   |                         |      |      | 15.07      |         |         |  |
|                 |                         |                |           |                   |                         |      |      | 56.50      |         |         |  |
|                 |                         |                |           |                   |                         |      |      | 41.43      |         |         |  |
|                 |                         |                |           |                   |                         |      |      | 0.606 - 4" |         |         |  |
|                 |                         |                |           |                   |                         |      |      | 0.138 - 2" |         |         |  |

| PURGING DATA                    |  |  |  |  |  |  |  |  |  |
|---------------------------------|--|--|--|--|--|--|--|--|--|
| WEATHER CONDITIONS:             |  |  |  |  |  |  |  |  |  |
| WATER APPEARANCE / ODOR:        |  |  |  |  |  |  |  |  |  |
| COMMENTS:                       |  |  |  |  |  |  |  |  |  |
| 20.25 Sunny 86°F / Comp & winds |  |  |  |  |  |  |  |  |  |
| 9-6-22 Clear / No odor          |  |  |  |  |  |  |  |  |  |
| 1:40                            |  |  |  |  |  |  |  |  |  |
| 20.25                           |  |  |  |  |  |  |  |  |  |
| 16.56                           |  |  |  |  |  |  |  |  |  |

| SAMPLING DATA                    |  |  |  |  |  |  |  |  |  |
|----------------------------------|--|--|--|--|--|--|--|--|--|
| WEATHER CONDITIONS:              |  |  |  |  |  |  |  |  |  |
| WATER APPEARANCE / ODOR:         |  |  |  |  |  |  |  |  |  |
| COMMENTS:                        |  |  |  |  |  |  |  |  |  |
| 9-7-22 Sunny 75°F / Comp & winds |  |  |  |  |  |  |  |  |  |
| 15.17 Clear / Brown / No odor    |  |  |  |  |  |  |  |  |  |
| 9-28                             |  |  |  |  |  |  |  |  |  |

| SAMPLE LOG                        |  |  |  |  |  |  |  |  |  |
|-----------------------------------|--|--|--|--|--|--|--|--|--|
| CONTAINER TYPE                    |  |  |  |  |  |  |  |  |  |
| NUMBER OF CONTAINERS              |  |  |  |  |  |  |  |  |  |
| PRESERVATIVE                      |  |  |  |  |  |  |  |  |  |
| 40 ML VOA                         |  |  |  |  |  |  |  |  |  |
| 40 ML VOA                         |  |  |  |  |  |  |  |  |  |
| 1 LITER AMBER                     |  |  |  |  |  |  |  |  |  |
| 800 ML AMBER                      |  |  |  |  |  |  |  |  |  |
| 250 ML PLASTIC                    |  |  |  |  |  |  |  |  |  |
| 125 ML PLASTIC FILTERED           |  |  |  |  |  |  |  |  |  |
| 500 ML PLASTIC                    |  |  |  |  |  |  |  |  |  |
| 6 HCL                             |  |  |  |  |  |  |  |  |  |
| 2 NA <sub>2</sub> SO <sub>3</sub> |  |  |  |  |  |  |  |  |  |
| 2 NEAT                            |  |  |  |  |  |  |  |  |  |
| 1 NEAT                            |  |  |  |  |  |  |  |  |  |
| 1 HNO <sub>3</sub>                |  |  |  |  |  |  |  |  |  |
| 1 HNO <sub>3</sub>                |  |  |  |  |  |  |  |  |  |
| 1 NaOH                            |  |  |  |  |  |  |  |  |  |

| INSTRUMENTS USED    |  |  |  |  |  |  |  |  |  |
|---------------------|--|--|--|--|--|--|--|--|--|
| WATER QUALITY METER |  |  |  |  |  |  |  |  |  |

FIRST QUARTER 2022

[illegible]

| WELL | VOLUME | PURGE DATE | END OF | PURGE TIME | PURGE | AMOUNT | FLOW (FEET) |
|------|--------|------------|--------|------------|-------|--------|-------------|
| 3    | 1      |            |        |            |       |        |             |
| 2    | 1      |            |        |            |       |        |             |
| 1    | 1      |            |        |            |       |        |             |

WEATHER CONDITIONS:

WATER APPEARANCE / ODOR:

COMMENTS:

DRY

SAMPLING DATA

| SAMPLE LOG          |  | CONTAINER TYPE          |  | NUMBER OF CONTAINERS |  | PRESERVATIVE |  |
|---------------------|--|-------------------------|--|----------------------|--|--------------|--|
| SAMPLE DATE         |  | WATER APPEARANCE / ODOR |  | COMMENTS:            |  | SAMPLE TIME  |  |
| DEPTH (FEET)        |  |                         |  |                      |  |              |  |
| WEATHER CONDITIONS: |  |                         |  |                      |  |              |  |

| CONTAINER TYPE          | NUMBER | NAME                                          |
|-------------------------|--------|-----------------------------------------------|
| 40 ML VOA               | 6      | HCL                                           |
| 40 ML VOA               | 2      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
| 1 LITER AMBER           | 2      | NEAT                                          |
| 500 ML AMBER            | 1      | NEAT                                          |
| 250 ML PLASTIC          | 1      | HNO <sub>3</sub>                              |
| 125 ML PLASTIC FILTERED | 1      | HNO <sub>3</sub>                              |
| 500 ML PLASTIC          | 1      | NaOH                                          |

INSTRUMENTS USED

WATER QUALITY METER

SIGNATURE:

DECEMBER 1966

MARATHON GALLUP REFINERY

FIRST QUARTER 2022

TEST PARAMETERS

| WELL ID      | DATE       | TIME | PH   | Temperature<br>Degrees C | Conductivity<br>(ms) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
|--------------|------------|------|------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| 02-54        | 9-7-22     | 2:33 | 6.96 | 14.1                     | 1.64                 | 1046.00   | 0.83           | 1.43                       | -76.5    |
| GAUGE TIME   |            | 2:36 | 7.06 | 13.1                     | 1.61                 | 1040.00   | 0.81           | 1.37                       | -81.3    |
| DHC (FEET)   | NA         | 2:39 | 7.08 | 13.6                     | 1.58                 | 1027.00   | 0.80           | 0.90                       | -87.5    |
| DHW (FEET)   | 19.04      |      |      |                          |                      |           |                |                            |          |
| DIB (FEET)   | 29.75      |      |      |                          |                      |           |                |                            |          |
| DID - D/I    | 10.71      |      |      |                          |                      |           |                |                            |          |
| CHPAOIN FEET | 0.603 - 4" |      |      |                          |                      |           |                |                            |          |
| FOOT         | 0.158 - 2" |      |      |                          |                      |           |                |                            |          |

PURGING DATA

|                          |                 |                |      |      |       |
|--------------------------|-----------------|----------------|------|------|-------|
| 3 WELL                   | 5.25            | 9-6-22         | 2:40 | 5.25 | 19.11 |
| VOLUMES                  |                 |                |      |      |       |
| CHARGE DATE              |                 |                |      |      |       |
| END OF                   |                 |                |      |      |       |
| PURGE TIME               |                 |                |      |      |       |
| PURGE                    |                 |                |      |      |       |
| AMOUNT                   |                 |                |      |      |       |
| DHW (FEET)               |                 |                |      |      |       |
| WEATHER CONDITIONS:      | 88°F Sunny      | 13 mph S winds |      |      |       |
| WATER APPEARANCE / ODOR: | Clear / No odor |                |      |      |       |
| COMMENTS:                |                 |                |      |      |       |

SAMPLING DATA

|                          |                 |                |  |  |  |
|--------------------------|-----------------|----------------|--|--|--|
| WEATHER CONDITIONS:      | 77°F Sunny      | 2 mph SE winds |  |  |  |
| WATER APPEARANCE / ODOR: | Clear / No odor |                |  |  |  |
| COMMENTS:                |                 |                |  |  |  |
| SAMPLE LOG               |                 |                |  |  |  |

SAMPLE ID

|                  |                         |   |                                               |  |
|------------------|-------------------------|---|-----------------------------------------------|--|
| CONTAINER TYPE   | 40 ML VOA               | 6 | HCL                                           |  |
|                  | 40 ML VOA               | 2 | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |  |
|                  | 1 LITER AMBER           | 2 | NEAT                                          |  |
|                  | 500 ML AMBER            | 1 | NEAT                                          |  |
|                  | 250 ML PLASTIC          | 1 | HNO <sub>3</sub>                              |  |
|                  | 125 ML PLASTIC FILTERED | 1 | HNO <sub>3</sub>                              |  |
|                  | 500 ML PLASTIC          | 1 | NaOH                                          |  |
| INSTRUMENTS USED | WATER QUALITY METER     |   |                                               |  |

SIGNATURE:

CONF. ECHO BY:

MARATHON GALLUP REFINERY

FIRST QUARTER 2022

TEST PARAMETERS

| WELL ID       | DATE   | TIME | PH   | Temperature<br>Degrees C | Conductivity<br>(ms) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
|---------------|--------|------|------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| 02-55         | 9-7-22 | 3:25 | 6.95 | 16.3                     | 1.65                 | 1072.50   | 0.84           | 0.96                       | -75.3    |
| GAUGE TIME    |        |      |      |                          |                      |           |                |                            |          |
| DHC (FEET)    |        |      |      |                          |                      |           |                |                            |          |
| DHW (FEET)    |        |      |      |                          |                      |           |                |                            |          |
| DIB (FEET)    |        |      |      |                          |                      |           |                |                            |          |
| DIG - D/W     |        |      |      |                          |                      |           |                |                            |          |
| DIG - D/W     |        |      |      |                          |                      |           |                |                            |          |
| CAPACIT. FEET |        |      |      |                          |                      |           |                |                            |          |
| FOOT          |        |      |      |                          |                      |           |                |                            |          |

PURGING DATA

| WELL                                       | VOLUME | DATE | END OF<br>PURGE TIME | PURGE<br>AMOUNT | D/W (FEET) |
|--------------------------------------------|--------|------|----------------------|-----------------|------------|
| 5-5                                        | 9-0-22 | 3:35 | 5.5                  | 9.25            |            |
| WEATHER CONDITIONS:                        |        |      |                      |                 |            |
| Sunny 88°F                                 |        |      |                      |                 |            |
| 60 mph S winds                             |        |      |                      |                 |            |
| WATER APPEARANCE / ODOR:                   |        |      |                      |                 |            |
| Grayish / slight HC odor / Green in bucket |        |      |                      |                 |            |
| COMMENTS:                                  |        |      |                      |                 |            |

SAMPLING DATA

| WELL                                        | DATE   | UTM (FEET) | SAMPLE TIME |
|---------------------------------------------|--------|------------|-------------|
| 5-5                                         | 9-7-22 |            | 11:20       |
| WEATHER CONDITIONS:                         |        |            |             |
| Sunny 86°F                                  |        |            |             |
| 5 mph winds SE                              |        |            |             |
| WATER APPEARANCE / ODOR:                    |        |            |             |
| Grayish / slight HC odor / clear in samples |        |            |             |
| COMMENTS:                                   |        |            |             |

SAMPLE LOG

| CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-------------------------|----------------------|-----------------------------------------------|
| 40 ML VOA               | 6                    | HCL                                           |
| 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
| 1 LITER AMBER           | 2                    | NEAT                                          |
| 600 ML AMBER            | 1                    | NEAT                                          |
| 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
| 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
| 500 ML PLASTIC          | 1                    | NaOH                                          |
| INSTRUMENTS USED        |                      |                                               |
| WATER QUALITY METER     |                      |                                               |

SIGNATURE:

DATE: 9/7/22



FIRST QUARTER 2022

[illegible]

PURGING DATA

| 3 WELL VOLUMES                                                                                                                                                           | FORGE DATE | END OF PURGE TIME | PURGE AMOUNT | WELL DEPTH (FEET) |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------------|--------------|-------------------|
| 2.25                                                                                                                                                                     | 9-6-22     | 17:35             | 0.25         | 17.70             |
| WEATHER CONDITIONS: Sunny 80°F SmpH winds SE<br>WATER APPEARANCE / ODOR: Clear / <del>odor</del> slight HC odor<br>COMMENTS: water turned a light yellow at end of purge |            |                   |              |                   |

## SAMPLING DATA

| SAMPLE DATE | UTM (EET) | SAMPLE TIME | WEATHER CONDITIONS:             | WATER APPEARANCE / ODOR: | COMMENTS:              | SAMPLE LOG           | NUMBER OF CONTAINERS | CONTAINER TYPE | PRESERVATIVE |
|-------------|-----------|-------------|---------------------------------|--------------------------|------------------------|----------------------|----------------------|----------------|--------------|
| 9-7-22      | 17-22     | 12:00       | Summary 8907<br>Sample 56 weeks |                          | Clear / slight Hc odor | FB-9-7-22. collected |                      |                |              |

## SAMPLE LOG

| CONTAINER NO. |                                               | INSTRUMENTS USED        |  |
|---------------|-----------------------------------------------|-------------------------|--|
| 6             | HCL                                           | 40 ML VOA               |  |
| 2             | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | 40 ML VOA               |  |
| 2             | NEAT                                          | 1 LITER AMBER           |  |
| 1             | NEAT                                          | 500 ML AMBER            |  |
| 1             | HNO <sub>3</sub>                              | 250 ML PLASTIC          |  |
| 1             | HNO <sub>3</sub>                              | 125 ML PLASTIC FILTERED |  |
| 1             | NaOH                                          | 500 ML PLASTIC          |  |
|               |                                               | WATER QUALITY METER     |  |
|               |                                               |                         |  |
|               |                                               |                         |  |

SIGNATURE:

CONFIDENTIAL



SIGNATURE:

## TEST PARAMETERS

MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| pH   | Temperature<br>Degrees C | Conductivity<br>(ms) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
|------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| 7.06 | 16.2                     | 1.35                 | 573.5     | 0.68           | 0.95                       | -89.6    |
| 7.05 | 16.1                     | 1.33                 | 570.00    | 0.69           | 0.94                       | -83.2    |
|      |                          |                      |           |                |                            |          |
|      |                          |                      |           |                |                            |          |
|      |                          |                      |           |                |                            |          |
|      |                          |                      |           |                |                            |          |

PURGING DATA

2011-12-10

ODOR: /

Brown / the odor / Shells in bucket

~~by hand~~

## SAMPLING DATA

"SNOODS OF Y"

Summary  
640F

OFFICE / OFFICE

Shree in English

## SAMPLE LOG

| CONTAINER TYPE | NUMBER OF CONTAINERS | PRESERVATIVE |
|----------------|----------------------|--------------|
| 1              | 1                    | 1            |
| 2              | 2                    | 2            |
| 3              | 3                    | 3            |
| 4              | 4                    | 4            |
| 5              | 5                    | 5            |
| 6              | 6                    | 6            |
| 7              | 7                    | 7            |
| 8              | 8                    | 8            |
| 9              | 9                    | 9            |
| 10             | 10                   | 10           |
| 11             | 11                   | 11           |
| 12             | 12                   | 12           |
| 13             | 13                   | 13           |
| 14             | 14                   | 14           |
| 15             | 15                   | 15           |
| 16             | 16                   | 16           |
| 17             | 17                   | 17           |
| 18             | 18                   | 18           |
| 19             | 19                   | 19           |
| 20             | 20                   | 20           |
| 21             | 21                   | 21           |
| 22             | 22                   | 22           |
| 23             | 23                   | 23           |
| 24             | 24                   | 24           |
| 25             | 25                   | 25           |
| 26             | 26                   | 26           |
| 27             | 27                   | 27           |
| 28             | 28                   | 28           |
| 29             | 29                   | 29           |
| 30             | 30                   | 30           |
| 31             | 31                   | 31           |
| 32             | 32                   | 32           |
| 33             | 33                   | 33           |
| 34             | 34                   | 34           |
| 35             | 35                   | 35           |
| 36             | 36                   | 36           |
| 37             | 37                   | 37           |
| 38             | 38                   | 38           |
| 39             | 39                   | 39           |
| 40             | 40                   | 40           |
| 41             | 41                   | 41           |
| 42             | 42                   | 42           |
| 43             | 43                   | 43           |
| 44             | 44                   | 44           |
| 45             | 45                   | 45           |
| 46             | 46                   | 46           |
| 47             | 47                   | 47           |
| 48             | 48                   | 48           |
| 49             | 49                   | 49           |
| 50             | 50                   | 50           |
| 51             | 51                   | 51           |
| 52             | 52                   | 52           |
| 53             | 53                   | 53           |
| 54             | 54                   | 54           |
| 55             | 55                   | 55           |
| 56             | 56                   | 56           |
| 57             | 57                   | 57           |
| 58             | 58                   | 58           |
| 59             | 59                   | 59           |
| 60             | 60                   | 60           |
| 61             | 61                   | 61           |
| 62             | 62                   | 62           |
| 63             | 63                   | 63           |
| 64             | 64                   | 64           |
| 65             | 65                   | 65           |
| 66             | 66                   | 66           |
| 67             | 67                   | 67           |
| 68             | 68                   | 68           |
| 69             | 69                   | 69           |
| 70             | 70                   | 70           |
| 71             | 71                   | 71           |
| 72             | 72                   | 72           |
| 73             | 73                   | 73           |
| 74             | 74                   | 74           |
| 75             | 75                   | 75           |
| 76             | 76                   | 76           |
| 77             | 77                   | 77           |
| 78             | 78                   | 78           |
| 79             | 79                   | 79           |
| 80             | 80                   | 80           |
| 81             | 81                   | 81           |
| 82             | 82                   | 82           |
| 83             | 83                   | 83           |
| 84             | 84                   | 84           |
| 85             | 85                   | 85           |
| 86             | 86                   | 86           |
| 87             | 87                   | 87           |
| 88             | 88                   | 88           |
| 89             | 89                   | 89           |
| 90             | 90                   | 90           |
| 91             | 91                   | 91           |
| 92             | 92                   | 92           |
| 93             | 93                   | 93           |
| 94             | 94                   | 94           |
| 95             | 95                   | 95           |
| 96             | 96                   | 96           |
| 97             | 97                   | 97           |
| 98             | 98                   | 98           |
| 99             | 99                   | 99           |
| 100            | 100                  | 100          |

HCL

 $\text{Na}_2\text{S}_{2}\text{O}_3$ 

NEAT

NEAT

 $\varepsilon_{\text{ONH}}$  $\varepsilon_{\text{NH}}$ 

NaOH

THE UNIVERSITY OF CHICAGO

VOLUME 11

29.

2-5-5

5.15

2011



2

800

1926

12

MARATHON GALLUP REFINERY

FIRST QUARTER 2022

TEST PARAMETERS

| TIME  | pH   | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
|-------|------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| 11:25 | 6.80 | 17.2                     | 1.70                 | 1105.00   | 0.87           | 1.44                       | 94.9     |
| 11:30 | 6.79 | 15.9                     | 1.73                 | 1124.50   | 0.88           | 1.45                       | 82.3     |
| 11:35 | 6.81 | 16.0                     | 1.69                 | 1098.50   | 0.86           | 1.56                       | 81.8     |
|       |      |                          |                      |           |                |                            |          |
|       |      |                          |                      |           |                |                            |          |
|       |      |                          |                      |           |                |                            |          |
|       |      |                          |                      |           |                |                            |          |
|       |      |                          |                      |           |                |                            |          |
|       |      |                          |                      |           |                |                            |          |
|       |      |                          |                      |           |                |                            |          |

PURGING DATA

CONDITIONS:

Summary 720F

ODOR: clear/no odor

ANALYST

URGENT DATE

10.50

9.19.22

URGENT TIME

11:35

URGENT

16.50

ANALYST

26.38

SAMPLE DATE

9.20.22

URGENT

26.38

URGENT TIME

11:05

CONDITIONS:

clearly 730F 7.4.21.5

ODOR: clear/no odor

SAMPLING DATA

SAMPLE LOG

NUMBER OF CONTAINERS

HCL

6

40 ML VOA

NA<sub>2</sub>S<sub>2</sub>O<sub>3</sub>

2

40 ML VOA

NEAT

2

1 LITER AMBER

NEAT

1

250 ML PLASTIC

HNO<sub>3</sub>

1

425 ML PLASTIC FILTERED

HNO<sub>3</sub>

1

500 ML PLASTIC

NaOH

1

1 LITER AMBER

IN VOLUME

SIGNATURE:



SIGNATURE:

OF T. MAYER

COAL PLASTIC

ORIGINAL PLASTIC FILTERED

60 ML PLASTIC

ORIGINAL NUMBER

NUMBER

YGA. 71 0

0 - 104

TYPE

NUMBER OF CONTAINERS  
PRESERVATIVE

SAMPLE LOG

ODOR:

## SAMPLING DATA

ODOR 125

PURGING DATA

| Temperature<br>Degrees C | Conductivity<br>(ms) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| 14.5                     | 1131                 | 7551.50   | 6.47           | 2.48                       | 141.9    |
| 14.9                     | 1138                 | 7379.00   | 6.51           | 2.78                       | 122.7    |
| 15.8                     | 1151                 | 7481.00   | 6.89           | 2.47                       | 160.9    |

## TEST PARAMETERS

1ST QUARTER 2022

REFRAHON GALLUP REFINERY

928

2015

9-30-6

5270

94-3



1. 1. 1.

13

512

0985

2012-01-20

fn

250

MARATHON GALLUP REFINERY

FIRST QUARTER 2022

TEST PARAMETERS

| TIME  | pH   | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
|-------|------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| 11:55 | 7.19 | 15.9                     | 5.33                 | 373.00    | 3.13           | 4.33                       | 26.9     |
| 12:05 | 7.05 | 16.0                     | 6.83                 | 378.50    | 3.18           | 4.91                       | 24.2     |
|       |      |                          |                      |           |                |                            |          |
|       |      |                          |                      |           |                |                            |          |
|       |      |                          |                      |           |                |                            |          |
|       |      |                          |                      |           |                |                            |          |
|       |      |                          |                      |           |                |                            |          |
|       |      |                          |                      |           |                |                            |          |
|       |      |                          |                      |           |                |                            |          |
|       |      |                          |                      |           |                |                            |          |

PURGING DATA

CONDITIONS:

Sunny 390F 5 mph NW  
Breeze / muddg / no odor

ODOR:

Purged On

SAMPLING DATA

CONDITIONS:

Sunny 390F 7 mph S  
Breeze / no odor

ODOR:

Flow / no odor

SAMPLE LOG

NUMBER OF CONTAINERS PRESERVATIVE

CONTAINER TYPE

HCL

40 ML VOA

6

NA<sub>2</sub>S<sub>2</sub>O<sub>3</sub>

40 ML VOA

2

NEAT

1 LITER AMBER

2

NEAT

500 ML AMBER

1

HNO<sub>3</sub>

350 ML PLASTIC

1

HNO<sub>3</sub>

125 ML PLASTIC FILTERED

1

NaOH

500 ML PLASTIC

1

100 ML VOA

INSTRUMENTS

SIGNATURE:

11:55

34.37

9-20-27

Only

8.00

2.05

9-19-22

14.50

12.05

29.91

46.85

16.94

11.55

9-2-22

02-60

MAKING HON GALLUP REFINERY  
FIRST QUARTER 2022

1ST QUARTER 2022

## TIME

Hd

Temperature  
Degrees C

Conductivity (mS)

(7/8) SCL

Salinity (ppt)

DISSOLVED  
Oxygen (mg/l)

ORP (mV)

[illegible]

ODOR: 12:1

HAS Product

~~SECRET~~

SAMPLE LOG

PRESERVATIVE

NUMBER OF CONTAINERS

OTHER TYPE

$$\text{Na}_2\text{S}_2\text{O}_3$$

2

VOA : C

NEA

2

NUMBER

NEAT

7

5000 PLASTIC

---

T

 $\varepsilon_{\text{ONH}}$ 

T

125 ML PLASTIC FILTERED

T

HOH

1

000 ML PLASTIC

1. *Journal of the American Medical Association*, 1997; 278: 1025-1030.

SIGNATURE:

Released to Imaging: 4/21/2023 9:37:45 AM



REFRACTION GALLUP REFINERY

| TEST PARAMETERS |               |              |      |           |                |
|-----------------|---------------|--------------|------|-----------|----------------|
| Temperature     | Degrees C     | Conductivity | (ms) | TDS (g/L) | Salinity (ppt) |
| Dissolved       | Oxygen (mg/L) | ORP (mv)     |      |           |                |

DE/ODOR

MRS. Product

## SAMPLING DATA

~~SECRET~~

SAMPLE LOG

| CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-------------------------|----------------------|-----------------------------------------------|
| 1 LIT VOA               | 6                    | HCL                                           |
| 500 ML VOA              | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
| 1 LITER AMBER           | 2                    | NEAT                                          |
| 500 ML AMBER            | 1                    | NEAT                                          |
| 150 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
| 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
| 500 ML PLASTIC          | 1                    | NaOH                                          |

SIGNATURE:

MARATHON GALLUP REFINERY

FIRST QUARTER 2022

TEST PARAMETERS

| TIME | pH   | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
|------|------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| 9:34 | 7.08 | 14.9                     | 1.43                 | 929.50    | 0.72           | 2.15                       | -96.6    |
| 9:38 | 6.98 | 15.2                     | 1.41                 | 916.50    | 0.71           | 1.09                       | -95.6    |
| 9:43 | 6.97 | 15.3                     | 1.39                 | 903.50    | 0.70           | 1.32                       | -98.3    |
|      |      |                          |                      |           |                |                            |          |
|      |      |                          |                      |           |                |                            |          |
|      |      |                          |                      |           |                |                            |          |
|      |      |                          |                      |           |                |                            |          |
|      |      |                          |                      |           |                |                            |          |
|      |      |                          |                      |           |                |                            |          |
|      |      |                          |                      |           |                |                            |          |

PURGING DATA

58.5

CLAR / NO odor

|       |        |            |     |       |       |      |      |
|-------|--------|------------|-----|-------|-------|------|------|
| 02-63 | 9-2-22 | CHD (FEEL) | N/A | 22.25 | 32.22 | 9.97 | 9.97 |
|       |        | CHD (FEEL) |     |       |       |      |      |
|       |        | CHD (FEEL) |     |       |       |      |      |
|       |        | CHD (FEEL) |     |       |       |      |      |
|       |        | CHD (FEEL) |     |       |       |      |      |
|       |        | CHD (FEEL) |     |       |       |      |      |
|       |        | CHD (FEEL) |     |       |       |      |      |
|       |        | CHD (FEEL) |     |       |       |      |      |
|       |        | CHD (FEEL) |     |       |       |      |      |
|       |        | CHD (FEEL) |     |       |       |      |      |

SAMPLING DATA

CLAR / NO odor

CLAR / NO odor

CLAR / NO odor

SAMPLE LOG

CONTAINER TYPE NUMBER OF CONTAINERS PRESERVATIVE

40 ML VOA 6 HCL

40 ML VOA 2 NA<sub>2</sub>S<sub>2</sub>O<sub>3</sub>

1 LITER AMBER 2 NEAT

300 ML AMBER 1 NEAT

250 ML PLASTIC 1 HNO<sub>3</sub>

125 ML PLASTIC FILTERED 1 HNO<sub>3</sub>

500 ML PLASTIC 1 NaOH

QUA. DIMETER

SIGNATURE:

SIGNATURE:

Figure 1 is a schematic representation of the experimental design. It shows a sequence of events: 'Stimulus presentation' (with 'Stimulus duration' indicated), followed by 'Response', 'Response time', and 'Response accuracy'. A feedback loop labeled 'Feedback' connects the 'Response' back to the 'Stimulus presentation' stage.

[illegible]

MARATHON GALLUP REFINERY  
FIRST QUARTER 2022



First Quarter 2022

[illegible]

## TEST PARAMETERS

| WEATHER CONDITIONS: |        | WATER APPEARANCE / ODOR:                 |      | COMMENTS:      |  |
|---------------------|--------|------------------------------------------|------|----------------|--|
| 3 WELL VOLUMES      | 4.50   | Sunny                                    | 80°F | 10 mph S winds |  |
| BURGE DATE          | 9-6-12 | Clear / Slight HC odor / Sheen in bucket |      |                |  |
| END OF              |        |                                          |      |                |  |
| BURGE TIME          | 3.05   |                                          |      |                |  |
| BURGE AMOUNT        | 4.50   |                                          |      |                |  |
| DM (FEET)           | 19.05  |                                          |      |                |  |

## SAMPLING DATA

|             |        |                          |                                            |
|-------------|--------|--------------------------|--------------------------------------------|
| SAMPLE DATE | 9-7-22 | WEATHER CONDITIONS:      | Sunny<br>79°F                              |
| DTM (FEET)  |        | WATER APPEARANCE / ODOR: | Clear / Slight H/C odor / Shown in Samples |
| SAMPLE TIME | 11:00  | COMMENTS:                |                                            |

SAMPLE LOG

| CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-------------------------|----------------------|-----------------------------------------------|
| 40 ML VOA               | 6                    | HCL                                           |
| 40 ML VOA               | 2                    | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
| 1 LITER AMBER           | 2                    | NEAT                                          |
| 500 ML AMBER            | 1                    | NEAT                                          |
| 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
| 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
| 500 ML PLASTIC          | 1                    | NaOH                                          |

WATER QUALITY METER

INSTRUMENTS USED

SIGNATURE:

CONFIDENTIAL

MARATHON GALLUP REFINERY

FIRST QUARTER 2022

TEST PARAMETERS

| TIME | pH   | Temperature<br>Degrees C | Conductivity<br>(ms) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
|------|------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| 1445 | 6.52 | 18.2                     | 14.78                | 9600.5    | 8.63           | 1.02                       | 65.1     |
| 1447 | 6.48 | 13.8                     | 15.57                | 10133.5   | 9.13           | 0.90                       | 59.1     |
| 1450 | 6.50 | 13.2                     | 15.56                | 10088.0   | 9.10           | 1.02                       | 60.3     |
|      |      |                          |                      |           |                |                            |          |
|      |      |                          |                      |           |                |                            |          |
|      |      |                          |                      |           |                |                            |          |
|      |      |                          |                      |           |                |                            |          |
|      |      |                          |                      |           |                |                            |          |
|      |      |                          |                      |           |                |                            |          |
|      |      |                          |                      |           |                |                            |          |

PURGING DATA

CONDITIONS:

Smoky, 80%  
5 mph SW wind

TEMPERATURE / ODOR:

Brown / no odor

SAMPLING DATA

CONDITIONS:

Smoky / cloudy / 39.0  
TEMPERATURE / ODOR:

Brown / no odor

SAMPLE LOG

NUMBER OF CONTAINERS PRESERVATIVE

CONTAINER TYPE

0 LVOA 6  
0 LVOA 2  
2 LVOA 2

2 LITER AMBER 2  
NEAT 2  
NEAT 1

300 ML PLASTIC 1  
HNO<sub>3</sub> 1

125 ML PLASTIC FILTERED 1  
NaOH 1

QUALITY METER

SIGNATURE:

DATE: 9-20-22  
TIME: 2:48  
SAMPLER: 12:20  
SAMPLER: 26.38  
SAMPLER: 7.25  
SAMPLER: 2:55  
SAMPLER: 9-14-22  
SAMPLER: 7.25  
SAMPLER: 14.84  
SAMPLER: 27.43  
SAMPLER: 12.59  
SAMPLER: NA  
SAMPLER: 9-2-22  
SAMPLER: 00-67



MARATHON GALLUP REFINERY

FIRST QUARTER 2022

TEST PARAMETERS

| TIME | pH   | Temperature<br>Degrees C | Conductivity<br>(ms) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
|------|------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| 2:17 | 6.65 | 14.8                     | 12.60                | 8190.00   | 7.27           | 2.54                       | -66.3    |
| 2:20 | 6.74 | 14.2                     | 12.63                | 8216.00   | 7.29           | 1.82                       | -69.7    |
| 2:23 | 6.84 | 13.5                     | 12.61                | 8196.50   | 7.27           | 0.92                       | -76.5    |
|      |      |                          |                      |           |                |                            |          |
|      |      |                          |                      |           |                |                            |          |
|      |      |                          |                      |           |                |                            |          |
|      |      |                          |                      |           |                |                            |          |
|      |      |                          |                      |           |                |                            |          |
|      |      |                          |                      |           |                |                            |          |
|      |      |                          |                      |           |                |                            |          |

PURGING DATA

CONDITIONS:

Sunny 80°F 5 mph SW wind

WATER SAMPLE / ODOR:

Brown / slight odor

WATER

4:45

WATER

9:19:22

WATER

2:25

WATER

4:45

WATER

16:00

CONDITIONS:

Sunny Cloudy / 34°F

WATER SAMPLE / ODOR:

Brown / slight odor

SAMPLE DATE

9-26-27

WATER

14:18

WATER

12:10

SAMPLE LOG

NUMBER OF CONTAINERS

PRESERVATIVE

CONTAINER TYPE

40 ML VOA

6

HCL

NA<sub>2</sub>S<sub>2</sub>O<sub>3</sub>

2

NEAT

2

NEAT

1

HNO<sub>3</sub>

1

125 ML PLASTIC FILTERED

1

NaOH

500 ML PLASTIC

1

QUARTZ METER

SIGNATURE:

MARATHON GALLUP REFINERY

FIRST QUARTER 2022

TEST PARAMETERS

| TIME | pH   | Temperature<br>Degrees C | Conductivity<br>(ms) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
|------|------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| 2:35 | 8.13 | 15.8                     | 1.12                 | 728.00    | 0.56           | 0.87                       | 163.5    |
| 2:40 | 8.12 | 15.8                     | 1.10                 | 718.50    | 0.55           | 0.84                       | 158.8    |
| 2:45 | 8.11 | 16.0                     | 1.12                 | 718.00    | 0.56           | 0.87                       | 158.5    |
|      |      |                          |                      |           |                |                            |          |
|      |      |                          |                      |           |                |                            |          |
|      |      |                          |                      |           |                |                            |          |
|      |      |                          |                      |           |                |                            |          |
|      |      |                          |                      |           |                |                            |          |
|      |      |                          |                      |           |                |                            |          |
|      |      |                          |                      |           |                |                            |          |

PURGING DATA

|                      |                    |                 |
|----------------------|--------------------|-----------------|
| CONDITIONS:          | Cloudy / 68°F      | 14 mph SW winds |
| WATER CHANGE / ODOR: | Brownish / No odor |                 |
| END OF               |                    |                 |
| FORGOTTEN            |                    |                 |
| URGENT               |                    |                 |
| WATER                |                    |                 |

SAMPLING DATA

|                      |                    |                    |
|----------------------|--------------------|--------------------|
| CONDITIONS:          | Sunny 63°F         | Brownish / No odor |
| WATER CHANGE / ODOR: | Brownish / No odor |                    |
| END OF               |                    |                    |
| FORGOTTEN            |                    |                    |
| URGENT               |                    |                    |
| WATER                |                    |                    |

SAMPLE LOG

| CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-------------------------|----------------------|-----------------------------------------------|
| 40 ML VOA               | 6                    | HCL                                           |
| 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
| 1 LITER AMBER           | 2                    | NEAT                                          |
| 500 ML AMBER            | 1                    | NEAT                                          |
| 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
| 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
| 500 ML PLASTIC          | 1                    | NaOH                                          |

SIGNATURE:



FIRST QUARTER 2022

|       |      |      |       |      |      |      |      |
|-------|------|------|-------|------|------|------|------|
| 2.61- | 92.1 | 95.0 | 00.82 | 21.1 | 5.41 | 02.2 | 61.1 |
| 2.61- | 99.1 | 15.0 | 00.71 | 99.0 | 9.31 | 62.6 | 61.1 |
| 2.61- | 15.1 | 06.0 | 05.44 | 61.1 | 14.9 | 65.6 | 91.0 |

15011000

Chaudhary / 720K / 10 mph 56 W: 1000

ODOR:

~~Car / No color~~

SHILLONG

5095

ODOR:

PRESERVATIVE

HCL

$$\text{Na}_2\text{S}_2\text{O}_3$$

NEAT

 $\varepsilon_{\text{ONH}}$  $\epsilon_{\text{ONH}}$  $\text{NaOH}$ 

CONJUNCTION TYPE

VOA-VOA

FOIILYCA

2 LETTER NUMBER

750 ML PLASTIC

126 ML PLASTIC FILTERED

300 ML PLASTIC

QUAINT MEIER

SIGNATURE:



SIGNATURE:

| CONTAINER TYPE           | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|--------------------------|----------------------|-----------------------------------------------|
| 100 ML VOA               | 6                    | HCL                                           |
| 40 ML VOA                | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
| 2 LITER AMBER            | 2                    | NEAT                                          |
| 1000 ML AMBER            | 1                    | NEAT                                          |
| 250 ML PLASTIC           | 1                    | HNO <sub>3</sub>                              |
| 1.25 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
| 1000 ML PLASTIC          | 1                    | NaOH                                          |

SAMPLE LOG

Clean / 0000

OFFICE / ODOR: Clear / No odor

RECEIVED

## SAMPLING DATA

Clear No order

150

PURGING DATA

| PH   | Temperature<br>Degrees C | Conductivity<br>(ms) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
|------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| 9.08 | 13.8                     | 1.20                 | 7800      | 0.60           | 1.65                       | 36.2     |
| 9.09 | 13.6                     | 1.44                 | 74100     | 0.57           | 1.57                       | 37.6     |
| 9.11 | 13.4                     | 1.15                 | 72350     | 0.58           | 1.57                       | 35.8     |
|      |                          |                      |           |                |                            |          |
|      |                          |                      |           |                |                            |          |
|      |                          |                      |           |                |                            |          |
|      |                          |                      |           |                |                            |          |
|      |                          |                      |           |                |                            |          |

## TEST PARAMETERS

FIRST QUARTER 2022



FIRST QUARTER 2022

 $\text{NaOH}$

SIGNATURE:

NUMBER

PLASTIC

0-100% ELASTIC FILTERED

AL PLASTIC

NUMBER

LITER NUMBER

100

$$\gamma_0^2 = 0$$

TYPE

NaOH

 $\varepsilon_{\text{ONH}}$ 

ΕΝΩΣΗ

NEAI

NEAT

MA2520

724

191

NUMBER OF CONTAINERS

SAMPLE LOG

ODOR:

100-100000

## SAMPLING DATA

PURGING DATA

## TEST PARAMETERS

1ST QUARTER 2022

LABORATORY GALLUP REFINERY

SIGNATURE:

QUA. BY MEYER

300 ML. PLASTIC

425 ML PLASTIC FILTERED

750 ML PLASTIC

GOOD LAMBER

2. LITERATURE

GO MIL VOA

VOA

NUMBER OF CONTAINERS PRESERVATIVE

SAMPLE LOG

DATE / TIME / ODOR:

## Modeling of the effect of the

## SAMPLING DATA

CHANGE / ODOR:

:SNOL:FOO

PURGING DATA

## TEST PARAMETERS

FIRST QUARTER 2022

**MARATHON GALLUP REFINERY**

$$M_{\text{eff}} = \frac{1}{2} M$$

LEONARD

THE FLOW OF

(1987) *M.*

4761

58

156

100

NOTE

CA 1070

73

15.

2001

110-5

( 34 )

(1)  $\mathcal{H}_1$  is a  $\mathbb{Z}_2$ -invariant subspace of  $\mathcal{H}$  and

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

SIGNATURE:

ER

ELASTIC

2. IN PLASTIC FILTERED

25. ALL PLASTIC

NOVEMBER

7. LITERATURE

3. THE VOA

VOA - C

$$\text{Na}_2\text{S}_2\text{O}_3$$

70H

PRESERVATIVE

NUMBER OF CONTAINERS

SAMPLE LOG

SMELL / ODOR:

© 2000 Blackwell Science Ltd

## SAMPLING DATA

ODOR:

PURGING DATA

## TEST PARAMETERS

1ST QUARTER 2022

REFRAHON GALLUP REFINERY

MEMORANDUM FOR THE RECORD  
DATE: 11/15/2022  
SUBJECT: [REDACTED]

1ST QUARTER 2022

[illegible]

4d

341

32

30-15

2007

[illegible]

Figure 1. Schematic representation of the experimental design. The subjects were divided into two groups: the control group (CG) and the experimental group (EG). The CG was divided into two subgroups: the control group (CG) and the control group (CG). The EG was divided into two subgroups: the experimental group (EG) and the experimental group (EG). The CG was divided into two subgroups: the control group (CG) and the control group (CG). The EG was divided into two subgroups: the experimental group (EG) and the experimental group (EG).

92

2. 2000

The diagram illustrates the experimental design across two studies. Study 1 includes a 'Pretest' phase and a 'Main Study' phase. Study 2 also includes a 'Pretest' phase and a 'Main Study' phase. The 'Main Study' in Study 2 is further divided into 'Control' and 'Intervention' groups. The flow is indicated by arrows connecting the phases of the two studies.

**Figure 1**

30. 2021

100

25

Figure 1. Schematic representation of the experimental design. The subjects were divided into two groups: the control group (C) and the experimental group (E). The control group was divided into two subgroups: the control group (C) and the control group (C). The experimental group was divided into two subgroups: the experimental group (E) and the experimental group (E).

$$U = \sum_{i=1}^n \lambda_i \mathbf{v}_i \mathbf{v}_i^T$$

NAME : AN

ZENG ET AL.

ODOR: 15

PURGING DATA

## SAMPLING DATA

3911

**WATER / ODOUR**

SAMPLE LOG

NUM

VOA - C

YOUNG, J. C.

27. EXAMBER

1990

ORIGINAL PLASTIC FILTERED

CO. MIL. PLASTIC

ENTER

SIGNATURE:

1ST QUARTER 2022

TEST PARAMETERS

[illegible]

## PURGING DATA

DDOR:

Has Product

SAMPLING DATA

ODOR:

SAMPLE LOG

NUMBER OF CONTAINERS PRESERVATIVE

NUMBER OF CONTAINERS PRESERVATIVE

NUMBER OF CONTAINERS

9

9

2

2

NEAT 2

2 NEAI

NEAT 1

NEAI

\_\_\_\_\_ 1 \_\_\_\_\_ 3 ONH

1

1  
HNO<sub>3</sub>

1  
HNO<sub>3</sub>

NaOH

NaOH

\_\_\_\_\_

SIGNATURE: \_\_\_\_\_



SIGNATURE:

1. MILLER

PLASTIC

ORIGINAL PLASTIC FILTERED

AL PLASTIC

NUMBER

NUMBER

CONFIDENTIAL

VOI - C

NUMBER TYPE

NUMBER OF CONTAINERS PRESERVATIVE

SAMPLE LOG

KEIGER/ODOR:

SAMPLING DATA

RECORDS

PURGING DATA

[illegible]

## TEST PARAMETERS

1ST QUARTER 2022

REFRACTION GALLUP REFINERY

100-443886-100

1062 LGS WL

28-5 100-100

0668

21 10 10

2. 04. 2011

20. 10. 1991

Figure 1. Schematic representation of the experimental design. The subjects were divided into two groups: the control group (CG) and the experimental group (EG). The CG was divided into two subgroups: the control group (CG) and the control group (CG). The EG was divided into two subgroups: the experimental group (EG) and the experimental group (EG). The CG was divided into two subgroups: the control group (CG) and the control group (CG). The EG was divided into two subgroups: the experimental group (EG) and the experimental group (EG).

21 5 1944

5/19/53

8181 : 1-2 :

W. J. (F. E.)

[illegible]

36

52. 38



1ST QUARTER 2022

9-22-2

NUMBER















MARATHON GALLUP REFINERY

FIRST QUARTER 2022

TEST PARAMETERS

| TIME  | pH   | Temperature<br>Degrees C | Conductivity<br>(ms) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
|-------|------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| 10:30 | 7.51 | 13.4                     | 5.59                 | 3633.50   | 3.04           | 0.70                       | 423.3    |
| 10:34 | 7.40 | 13.2                     | 5.95                 | 3874.00   | 3.24           | 0.73                       | -100.8   |
| 10:38 | 7.36 | 13.3                     | 5.96                 | 3874.00   | 3.26           | 0.71                       | -102.9   |
|       |      |                          |                      |           |                |                            |          |
|       |      |                          |                      |           |                |                            |          |
|       |      |                          |                      |           |                |                            |          |
|       |      |                          |                      |           |                |                            |          |
|       |      |                          |                      |           |                |                            |          |
|       |      |                          |                      |           |                |                            |          |
|       |      |                          |                      |           |                |                            |          |

PURGING DATA

WATER CONDITIONS:

Sunny 66°F Slight SE winds

WATER CHANGE / ODOR:

Brown 66°F / No odor

WATER

32.00

WATER

9-26-22

WATER

10:40

WATER

32.00

WATER

5.10

SAMPLE DATE

9-22-22

WATER

4.22

WATER

9.45

WATER CONDITIONS:

Sunny 63°F

WATER CHANGE / ODOR:

Brown / No odor

SAMPLE LOG

NUMBER OF CONTAINERS

PRESERVATIVE

CONTAINER TYPE

0.1 LVOA

6

HCL

NA<sub>2</sub>SO<sub>3</sub>

2

NEAT

2

NEAT

0.00 ML AMBER

1

HNO<sub>3</sub>

0.50 ML PLASTIC

1

HNO<sub>3</sub>

1.25 ML PLASTIC FILTERED

1

NaOH

QUALITY MEETER

SIGNATURE:

## MARATHON GALLUP REFINERY

### THIRD QUARTER 2022

[illegible]





MARATHON GALLUP REFINERY

THIRD QUARTER 2022

|                                               |  |  |  |  |  |  |  |  |  |
|-----------------------------------------------|--|--|--|--|--|--|--|--|--|
| WELL ID                                       |  |  |  |  |  |  |  |  |  |
| TEST PARAMETERS                               |  |  |  |  |  |  |  |  |  |
| DATE                                          |  |  |  |  |  |  |  |  |  |
| TIME                                          |  |  |  |  |  |  |  |  |  |
| pH                                            |  |  |  |  |  |  |  |  |  |
| Temperature                                   |  |  |  |  |  |  |  |  |  |
| Conductivity                                  |  |  |  |  |  |  |  |  |  |
| TDS (mg/L)                                    |  |  |  |  |  |  |  |  |  |
| Salinity (ppt)                                |  |  |  |  |  |  |  |  |  |
| Dissolved Oxygen (mg/L)                       |  |  |  |  |  |  |  |  |  |
| ORP (mv)                                      |  |  |  |  |  |  |  |  |  |
| GAGE DATE                                     |  |  |  |  |  |  |  |  |  |
| GAGE TIME                                     |  |  |  |  |  |  |  |  |  |
| DHC (FEET)                                    |  |  |  |  |  |  |  |  |  |
| DTW (FEET)                                    |  |  |  |  |  |  |  |  |  |
| DTR (FEET)                                    |  |  |  |  |  |  |  |  |  |
| DTR - DTW                                     |  |  |  |  |  |  |  |  |  |
| CAPACITY FEET                                 |  |  |  |  |  |  |  |  |  |
| FOOT                                          |  |  |  |  |  |  |  |  |  |
| PURING DATA                                   |  |  |  |  |  |  |  |  |  |
| WEATHER CONDITIONS:                           |  |  |  |  |  |  |  |  |  |
| WATER APPEARANCE / ODOR:                      |  |  |  |  |  |  |  |  |  |
| COMMENTS:                                     |  |  |  |  |  |  |  |  |  |
| END OF                                        |  |  |  |  |  |  |  |  |  |
| PURGE TIME                                    |  |  |  |  |  |  |  |  |  |
| PURGE DATE                                    |  |  |  |  |  |  |  |  |  |
| 3 WELL                                        |  |  |  |  |  |  |  |  |  |
| VOLUMES                                       |  |  |  |  |  |  |  |  |  |
| PURGE DATA                                    |  |  |  |  |  |  |  |  |  |
| WEATHER CONDITIONS:                           |  |  |  |  |  |  |  |  |  |
| WATER APPEARANCE / ODOR:                      |  |  |  |  |  |  |  |  |  |
| COMMENTS:                                     |  |  |  |  |  |  |  |  |  |
| END OF                                        |  |  |  |  |  |  |  |  |  |
| PURGE TIME                                    |  |  |  |  |  |  |  |  |  |
| PURGE DATE                                    |  |  |  |  |  |  |  |  |  |
| AMOUNT                                        |  |  |  |  |  |  |  |  |  |
| DTW (FEET)                                    |  |  |  |  |  |  |  |  |  |
| SAMPLING DATA                                 |  |  |  |  |  |  |  |  |  |
| WEATHER CONDITIONS:                           |  |  |  |  |  |  |  |  |  |
| WATER APPEARANCE / ODOR:                      |  |  |  |  |  |  |  |  |  |
| COMMENTS:                                     |  |  |  |  |  |  |  |  |  |
| END OF                                        |  |  |  |  |  |  |  |  |  |
| PURGE TIME                                    |  |  |  |  |  |  |  |  |  |
| PURGE DATE                                    |  |  |  |  |  |  |  |  |  |
| AMOUNT                                        |  |  |  |  |  |  |  |  |  |
| DTW (FEET)                                    |  |  |  |  |  |  |  |  |  |
| SAMPLE LOG                                    |  |  |  |  |  |  |  |  |  |
| CONTAINER TYPE                                |  |  |  |  |  |  |  |  |  |
| NUMBER OF CONTAINERS                          |  |  |  |  |  |  |  |  |  |
| PRESERVATIVE                                  |  |  |  |  |  |  |  |  |  |
| 40 ML VOA                                     |  |  |  |  |  |  |  |  |  |
| 6                                             |  |  |  |  |  |  |  |  |  |
| HCL                                           |  |  |  |  |  |  |  |  |  |
| 40 ML VOA                                     |  |  |  |  |  |  |  |  |  |
| 2                                             |  |  |  |  |  |  |  |  |  |
| NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |  |  |  |  |  |  |  |  |  |
| 2                                             |  |  |  |  |  |  |  |  |  |
| NEAT                                          |  |  |  |  |  |  |  |  |  |
| 1 LITER AMBER                                 |  |  |  |  |  |  |  |  |  |
| 500 ML AMBER                                  |  |  |  |  |  |  |  |  |  |
| 1                                             |  |  |  |  |  |  |  |  |  |
| NEAT                                          |  |  |  |  |  |  |  |  |  |
| 250 ML PLASTIC                                |  |  |  |  |  |  |  |  |  |
| 1                                             |  |  |  |  |  |  |  |  |  |
| HNO <sub>3</sub>                              |  |  |  |  |  |  |  |  |  |
| 125 ML PLASTIC FILTERED                       |  |  |  |  |  |  |  |  |  |
| 1                                             |  |  |  |  |  |  |  |  |  |
| HNO <sub>3</sub>                              |  |  |  |  |  |  |  |  |  |
| 500 ML PLASTIC                                |  |  |  |  |  |  |  |  |  |
| 1                                             |  |  |  |  |  |  |  |  |  |
| NaOH                                          |  |  |  |  |  |  |  |  |  |
| INSTRUMENTS USED                              |  |  |  |  |  |  |  |  |  |
| WATER LEVEL PROBE                             |  |  |  |  |  |  |  |  |  |
| WATER QUALITY METER                           |  |  |  |  |  |  |  |  |  |
| COMPLETED BY:                                 |  |  |  |  |  |  |  |  |  |
| SIGNATURE:                                    |  |  |  |  |  |  |  |  |  |

# MARATHON GALLUP REFINERY

THIRD QUARTER 2022

# TEST PARAMETERS

| Job No.              | TIME    | pH | Temperature<br>e Degrees | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity<br>(ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
|----------------------|---------|----|--------------------------|-------------------------|------------|-------------------|----------------------------|----------|
| 9/5/22               | Initial |    |                          |                         |            |                   |                            |          |
| GAUGE DATE           |         |    |                          |                         |            |                   |                            |          |
| GAUGE TIME           |         |    |                          |                         |            |                   |                            |          |
| DHC (FEET)           | 37.64   |    |                          |                         |            |                   |                            |          |
| DIW (FEET)           | 33.57   |    |                          |                         |            |                   |                            |          |
| DIA (FEET)           |         |    |                          |                         |            |                   |                            |          |
| DIB-DIW              |         |    |                          |                         |            |                   |                            |          |
| CAPACITY PER<br>FOOT | 0.663   |    |                          |                         |            |                   |                            |          |

| PURGING DATA             |  | 3 WELL | VOLUMES | PURGE DATE | END OF | PURGE TIME | PURGE | AMOUNT | DIW (FEET) |
|--------------------------|--|--------|---------|------------|--------|------------|-------|--------|------------|
| WEATHER CONDITIONS:      |  |        |         |            |        |            |       |        |            |
| WATER APPEARANCE / ODOR: |  |        |         |            |        |            |       |        |            |
| COMMENTS:                |  |        |         |            |        |            |       |        |            |
| HHS Produ &              |  |        |         |            |        |            |       |        |            |

| SAMPLING DATA            |  | SAMPLE DATE |
|--------------------------|--|-------------|
| WEATHER CONDITIONS:      |  |             |
| WATER APPEARANCE / ODOR: |  | DTW (FEET)  |
| COMMENTS:                |  | SAMPLE TIME |

| SAMPLE LOG              |                      |                                               | SAMPLE ID           | DATE |
|-------------------------|----------------------|-----------------------------------------------|---------------------|------|
| CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |                     |      |
| 40 ML VOA               | 6                    | HCL                                           | 04-8-2              |      |
| 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                     |      |
| 1 LITER AMBER           | 2                    | NEAT                                          |                     |      |
| 500 ML AMBER            | 1                    | NEAT                                          |                     |      |
| 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |                     |      |
| 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |                     |      |
| 500 ML PLASTIC          | 1                    | NAOH                                          |                     |      |
|                         |                      |                                               | INSTRUMENTS USE     |      |
|                         |                      |                                               | WATER LEVEL PROBE   |      |
|                         |                      |                                               | WATER QUALITY METER |      |

CONFIDENTIAL

SIGNATURE:

FIRST QUARTER 2022

CONFIDENTIAL

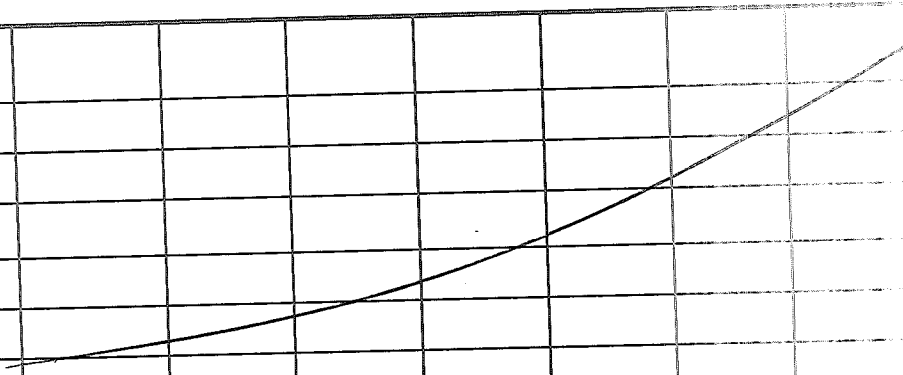
[illegible]

MARATHON GALLUP REFINERY

FIRST QUARTER 2022

TEST PARAMETERS

| ORP (mv) | Dissolved Oxygen (mg/L) | Salinity (ppt) | TDS (g/L) | Conductivity (ms) | Temperature Degrees C | pH | TIME | VOLUMES | DATE |
|----------|-------------------------|----------------|-----------|-------------------|-----------------------|----|------|---------|------|
|----------|-------------------------|----------------|-----------|-------------------|-----------------------|----|------|---------|------|



PURGING DATA

WEATHER CONDITIONS:

WATER APPEARANCE / ODOR:

COMMENTS:

Gauge Date

Gauge Time

DHC (FEET)

DTW (FEET)

DIB (FEET)

DTB-DIV

CAPACIT. FERR

FEET

3 WELL VOLUMES

URG. DATE

END OF PURGE TIME

PURGE AMOUNT

DTW (FEET)

SAMPLE DATE

9.8.22

WEATHER CONDITIONS:

WATER APPEARANCE / ODOR:

COMMENTS:

SAMPLE TIME

10:30

SAMPLING DATA

SAMPLE LOG

PRESERVATIVE

CONTAINER TYPE

40 ML VOA

40 ML VOA

1 LITER AMBER

500 ML AMBER

250 ML PLASTIC

125 ML PLASTIC FILTERED

500 ML PLASTIC

INSTRUMENTS USED

WATER QUALITY METER

SIGNATURE:

CONF. ETD BY:



FIRST QUARTER 2022

| TEST PARAMETERS |        |       |      |                          |                      |           |                |                            |          |
|-----------------|--------|-------|------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| WELL ID         | DATE   | TIME  | PH   | Temperature<br>Degrees C | Conductivity<br>(ms) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| NA01.2          | 9-2-22 | 11:20 | 7.70 | 17.8                     | 1.98                 | 1287.00   | 1.01           | 0.83                       | -34.9    |
| Gauge Time      |        | 11:35 | 7.19 | 18.0                     | 1.97                 | 1780.50   | 1.01           | 0.75                       | -70.3    |
| DHO (FEET)      |        |       |      |                          |                      |           |                |                            |          |
| DTW (FEET)      |        |       |      |                          |                      |           |                |                            |          |
| DIB (FEET)      |        |       |      |                          |                      |           |                |                            |          |
| DTD - D/W       |        |       |      |                          |                      |           |                |                            |          |
| CAPACITOR PER   |        |       |      |                          |                      |           |                |                            |          |
| FOOT            |        |       |      |                          |                      |           |                |                            |          |

| PURGING DATA             |                      |                 |  |
|--------------------------|----------------------|-----------------|--|
| WEATHER CONDITIONS:      | Sunny / Cloudy 7:30p | 10 mph NW winds |  |
| WATER APPEARANCE / ODOR: | Clear / No odor      |                 |  |
| COMMENTS:                | Purged Dry           |                 |  |
| END OF PURGE TIME        | 2:05                 |                 |  |
| PURGE VOLUME             | 2.5                  |                 |  |
| PURGE DATE               | 9/13/22              |                 |  |
| AMOUNT                   | 2.00                 |                 |  |
| DTW (FEET)               | DRY                  |                 |  |

| SAMPLING DATA            |                 |                 |  |
|--------------------------|-----------------|-----------------|--|
| WEATHER CONDITIONS:      | Cloudy / 6:30p  | 11 mph SW winds |  |
| WATER APPEARANCE / ODOR: | Clear / No odor |                 |  |
| COMMENTS:                |                 |                 |  |
| DTW (FEET)               | 9.88            |                 |  |
| SAMPLE TIME              | 11:20           |                 |  |

| SAMPLE LOG       |                         |   |  |
|------------------|-------------------------|---|--|
| PRESERVATIVE     | HCL                     | 6 |  |
| CONTAINER TYPE   | 40 ML VOA               | 2 |  |
|                  | 40 ML VOA               | 2 |  |
|                  | 1 LITER AMBER           | 2 |  |
|                  | 500 ML AMBER            | 1 |  |
|                  | 250 ML PLASTIC          | 1 |  |
|                  | 125 ML PLASTIC FILTERED | 1 |  |
|                  | 500 ML PLASTIC          | 1 |  |
| INSTRUMENTS USED | WATER QUALITY METER     |   |  |

| SIGNATURE: |  |
|------------|--|
|            |  |



MARATHON GALLUP REFINERY

FIRST QUARTER 2022

TEST PARAMETERS

| WELL ID       | DATE       | TIME | PH   | Temperature Degrees C | Conductivity (ms) | TDS (g/L) | Salinity (ppt) | Dissolved Oxygen (mg/L) | ORP (mv) |
|---------------|------------|------|------|-----------------------|-------------------|-----------|----------------|-------------------------|----------|
| NAPI-3        | 9-2-22     | 2:20 | 7.18 | 17.2                  | 1.42              | 923.00    | 0.71           | 1.70                    | -98.6    |
|               |            | 2:25 | 7.19 | 17.4                  | 1.41              | 911.56    | 0.76           | 1.17                    | -98.1    |
|               |            | 2:30 | 7.19 | 17.3                  | 1.41              | 911.50    | 0.71           | 1.16                    | -97.8    |
| DHC (FEET)    | NA         |      |      |                       |                   |           |                |                         |          |
| DHW (FEET)    | 9.75       |      |      |                       |                   |           |                |                         |          |
| DIB (FEET)    | 24.30      |      |      |                       |                   |           |                |                         |          |
| DIO-DIV       | 14.55      |      |      |                       |                   |           |                |                         |          |
| CAPACITY FEET | 0.803 - 4" |      |      |                       |                   |           |                |                         |          |
| FOOT          | 0.103 - 2" |      |      |                       |                   |           |                |                         |          |

PURGING DATA

|                   |         |                     |                                         |                          |                       |           |  |
|-------------------|---------|---------------------|-----------------------------------------|--------------------------|-----------------------|-----------|--|
| 3 WELL VOLUMES    | 7       | WEATHER CONDITIONS: | Swampy / 33°F / cloudy / 6 mph SW winds | WATER APPEARANCE / ODOR: | light brown / no odor | COMMENTS: |  |
| CHARGE DATE       | 9-13-22 |                     |                                         |                          |                       |           |  |
| END OF PURGE TIME | 2:30    |                     |                                         |                          |                       |           |  |
| PURGE VOLUME      | 7       |                     |                                         |                          |                       |           |  |
| WTW (FEET)        | 22.00   |                     |                                         |                          |                       |           |  |

SAMPLING DATA

|             |         |                     |                                 |                          |                       |           |  |
|-------------|---------|---------------------|---------------------------------|--------------------------|-----------------------|-----------|--|
| SAMPLE DATE | 9/14/22 | WEATHER CONDITIONS: | Cloudy / 63°F / 10 mph SW winds | WATER APPEARANCE / ODOR: | light brown / no odor | COMMENTS: |  |
| WTW (FEET)  | 9.81    |                     |                                 |                          |                       |           |  |
| SAMPLE TIME | 11:45   |                     |                                 |                          |                       |           |  |

SAMPLE LOG

|                                               |                      |                         |              |
|-----------------------------------------------|----------------------|-------------------------|--------------|
| PRESERVATIVE                                  | NUMBER OF CONTAINERS | CONTAINER TYPE          | CONTAINER ID |
| HCL                                           | 6                    | 40 ML VOA               |              |
| NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | 2                    | 40 ML VOA               |              |
| NEAT                                          | 2                    | 1 LITER AMBER           |              |
| NEAT                                          | 1                    | 500 ML AMBER            |              |
| HNO <sub>3</sub>                              | 1                    | 250 ML PLASTIC          |              |
| HNO <sub>3</sub>                              | 1                    | 125 ML PLASTIC FILTERED |              |
| NaOH                                          | 1                    | 500 ML PLASTIC          |              |
| INSTRUMENTS USED                              |                      |                         |              |
| WATER QUALITY METER                           |                      |                         |              |

SIGNATURE:

COMP. END BY:

[illegible][illegible]

FIRST QUARTER 2022

MAHON GALLUP REFINERY  
FIRST QUARTER 2022

1ST QUARTER 2022

[illegible]

Dr Y

## SAMPLING DATA

ODOR: ~~None~~

PRESERVATIVE

NUMBER OF CONTAINERS

## INTER TYPE

HCL

9

$$\text{Na}_2\text{S}_2\text{O}_3$$

2

NEAT

---

2

ONFI  
11/7/11

T.

ONH

T

 $\text{NaOH}$ 

1

**INTERVIEWER:**

SIGNATURE:

MAATHON GALLUP REFINERY  
FIRST QUARTER 2022

FIRST QUARTER 2022

[illegible]

ODOR: 100%

1775 Product

78-1057 / ODDOR:

PRESERVATIVE

NUMBER OF CONTAINERS

TYPE

$$\text{Na}_2\text{S}_2\text{O}_3$$

NEAT

NEAT

 $\varepsilon_{\text{ONH}}$ 

ΕΟΝΗ

---

NaOH

400 : 0

MEMBER

NUMBER

20 ML PLASTIC FILTERED

00 ML PLASTIC

# THE MILLER

SIGNATURE:

Released to Imaging: 4/21/2023 9:37:45 AM

SIGNATURE:

Y. M. L. I. E. R.

FOOD PLASTIC

1:3 ML PLASTIC FILTERED

PLASTIC

MEMBER

MEMBER

VOA

11-10-68

TYPE

PRESERVATIVE

NUMBER OF CONTAINERS

SAMPLE LOG

WITNESS my hand and seal of the Office of the Secretary of the State of New York, at Albany, this 11th day of May, 1966.

## SAMPLING DATA

NAME / DDOR

PURGING DATA

H

Temperature  
Degrees C

Conductivity (mS)

(7/8) SCL

Salinity (ppt)

Dissolved Oxygen (mg/L)

ORP (mV)

## TEST PARAMETERS

1ST QUARTER 2022

REFRACTION GALLUP REFINERY

Ad  
tn

225151h

Released to Imaging: 4/21/2023 9:37:45 AM





First quarter 2022

[illegible]

## PURGING DATA

| WELL | VOLUMES | PURGE DATE | END OF<br>PURGE TIME | PURGE<br>AMOUNT | WATER APPEARANCE / ODOR: | WEATHER CONDITIONS:          |
|------|---------|------------|----------------------|-----------------|--------------------------|------------------------------|
| 3    | 10      | 9-13-22    | 3:40                 | 4.00            | Clear / No odor          | Sunny 74°F<br>3 mph NW winds |
|      |         |            |                      |                 |                          | Purged Day                   |

## SAMPLING DATA

|             |         |                          |                              |
|-------------|---------|--------------------------|------------------------------|
| SAMPLE DATE | 1/11/72 | WEATHER CONDITIONS:      | Cloudy 63°F 13 mph S.W. wind |
| WTW (FEET)  | 10.82   | WATER APPEARANCE / ODOR: | Clear / No odor              |
| SAMPLE TIME | 12:10   | COMMENTS:                |                              |

## SAMPLE LOG

| CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-------------------------|----------------------|-----------------------------------------------|
| 40 ML VOA               | 6                    | HCL                                           |
| 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
| 1 LITER AMBER           | 2                    | NEAT                                          |
| 500 ML AMBER            | 1                    | NEAT                                          |
| 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
| 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
| 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED

WATER QUALITY METER

SAMPLE ID

SIGNATURE:

CONFIDENTIAL



## MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| TEST PARAMETERS      |      |                     |      |            |      |                                               |                          |                            |        |
|----------------------|------|---------------------|------|------------|------|-----------------------------------------------|--------------------------|----------------------------|--------|
| WELL ID              | 9W-3 | Gauge Date          | 9/10 | Gauge Time | 9:10 | pH                                            | 7.54                     | Temperature<br>Degrees C   | 19.0   |
|                      |      |                     |      |            |      | Conductivity<br>(ms)                          | 130                      | TDS (g/L)                  | 845.00 |
|                      |      |                     |      |            |      | Salinity (ppt)                                | 0.65                     | Dissolved<br>Oxygen (mg/L) | 3.93   |
|                      |      |                     |      |            |      | ORP (mv)                                      | 26.1                     |                            |        |
| PURGING DATA         |      |                     |      |            |      |                                               |                          |                            |        |
| WELL                 | 3    | WEATHER CONDITIONS: |      |            |      |                                               | WATER APPEARANCE / ODOR: |                            |        |
| VOLUME               |      |                     |      |            |      |                                               |                          |                            |        |
| PURGE DATE           |      |                     |      |            |      |                                               |                          |                            |        |
| END OF<br>PURGE TIME |      |                     |      |            |      |                                               |                          |                            |        |
| PURGE<br>AMOUNT      |      |                     |      |            |      |                                               |                          |                            |        |
| WWT (FEET)           |      |                     |      |            |      |                                               |                          |                            |        |
| SAMPLING DATA        |      |                     |      |            |      |                                               |                          |                            |        |
| WEATHER CONDITIONS:  |      |                     |      |            |      | WATER APPEARANCE / ODOR:                      |                          |                            |        |
| COMMENTS:            |      |                     |      |            |      |                                               |                          |                            |        |
| SAMPLE DATE          |      | 9-8-22              |      |            |      | SAMPLE LOG                                    |                          | 9-8-22 collected           |        |
| UTW (FEET)           |      |                     |      |            |      | COMMENTS:                                     |                          | Clear / No odor            |        |
| SAMPLE TIME          |      | 9:10                |      |            |      | CONTAINER TYPE                                |                          | PRESERVATIVE               |        |
|                      |      |                     |      |            |      | NUMBER OF CONTAINERS                          |                          | 6                          |        |
|                      |      |                     |      |            |      | HCL                                           |                          | 40 ML VOA                  |        |
|                      |      |                     |      |            |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                          | 40 ML VOA                  |        |
|                      |      |                     |      |            |      | NEAT                                          |                          | 2                          |        |
|                      |      |                     |      |            |      | NEAT                                          |                          | 1                          |        |
|                      |      |                     |      |            |      | 800 ML AMBER                                  |                          | 1                          |        |
|                      |      |                     |      |            |      | 250 ML PLASTIC                                |                          | 1                          |        |
|                      |      |                     |      |            |      | 125 ML PLASTIC FILTERED                       |                          | 1                          |        |
|                      |      |                     |      |            |      | 500 ML PLASTIC                                |                          | 1                          |        |
|                      |      |                     |      |            |      | WATER QUALITY METER                           |                          |                            |        |
|                      |      |                     |      |            |      | INSTRUMENTS USED                              |                          |                            |        |
| SIGNATURE:           |      |                     |      |            |      |                                               |                          |                            |        |

MARATHON GALLUP REFINERY

FIRST QUARTER 2022

TEST PARAMETERS

| WELL ID      | DATE       | TIME | PH   | Temperature<br>Degrees C | Conductivity<br>(ms) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
|--------------|------------|------|------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| PC-4         | 9-8-22     | 9:40 | 7.26 | 19.4                     | 0.95                 | 613.50    | 0.47           | 1.07                       | -35.0    |
| GAUGE TIME   | 1          |      |      |                          |                      |           |                |                            |          |
| DHC (FEET)   | 2          |      |      |                          |                      |           |                |                            |          |
| DTW (FEET)   | 3          |      |      |                          |                      |           |                |                            |          |
| DIB (FEET)   | 4          |      |      |                          |                      |           |                |                            |          |
| DTD - DAV    | 5          |      |      |                          |                      |           |                |                            |          |
| CARAOIN FERR | 6          |      |      |                          |                      |           |                |                            |          |
| FOOT         | 0.158 - 2" |      |      |                          |                      |           |                |                            |          |

PURGING DATA

|             |         |   |
|-------------|---------|---|
| 3 WELL      | VOLUMES | 1 |
| CHARGE DATE | 1       |   |
| END OF      | 1       |   |
| PURGE TIME  | 1       |   |
| PURGE       | 1       |   |
| AMOUNT      | 1       |   |
| DTW (FEET)  | 1       |   |

WEATHER CONDITIONS:

WATER APPEARANCE / ODOR:

COMMENTS:

SAMPLING DATA

WEATHER CONDITIONS:

Sunny 75°F  
WATER APPEARANCE / ODOR:

SAMPLE DATE

9-8-22

DTW (FEET)

SAMPLE TIME

9:40

COMMENTS:

SAMPLE LOG

CONTAINER TYPE NUMBER OF CONTAINERS PRESERVATIVE

|                         |   |                                               |
|-------------------------|---|-----------------------------------------------|
| 40 ML VOA               | 6 | HCL                                           |
| 40 ML VOA               | 2 | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
| 1 LITER AMBER           | 2 | NEAT                                          |
| 500 ML AMBER            | 1 | NEAT                                          |
| 250 ML PLASTIC          | 1 | HNO <sub>3</sub>                              |
| 125 ML PLASTIC FILTERED | 1 | HNO <sub>3</sub>                              |
| 500 ML PLASTIC          | 1 | NaOH                                          |

INSTRUMENTS USED WATER QUALITY METER

COMPLETION BY:

SIGNATURE:



MARATHON GALLUP REFINERY

FIRST QUARTER 2022

TEST PARAMETERS

| WELL ID      | DATE       | TIME       | PH | Temperature<br>Degrees C | Conductivity<br>(ms) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
|--------------|------------|------------|----|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| 5701 to 5702 | 4/21/2023  | 9:37:45 AM |    |                          |                      |           |                |                            |          |
| Gauge Date   |            |            |    |                          |                      |           |                |                            |          |
| Gauge Time   |            |            |    |                          |                      |           |                |                            |          |
| DHC (FEET)   |            |            |    |                          |                      |           |                |                            |          |
| DHW (FEET)   |            |            |    |                          |                      |           |                |                            |          |
| D18 (FEET)   |            |            |    |                          |                      |           |                |                            |          |
| D19 - DNV    |            |            |    |                          |                      |           |                |                            |          |
| CAPACITY PER | 0.038 - 4" |            |    |                          |                      |           |                |                            |          |
| FOOT         | 0.165 - 2" |            |    |                          |                      |           |                |                            |          |

PURGING DATA

SAMPLING DATA

|                     |                                   |                      |
|---------------------|-----------------------------------|----------------------|
| WEATHER CONDITIONS: | WEATHER APPEARANCE / ODOR:        | COMMENTS:            |
| 9-9-22 Sunny 68°F   | Water Appearance / Odor: Greenish | DUP-9-9-22 Collected |
| SAMPLE DATE         | UTM (FEET)                        | SAMPLE TIME          |
| 9-9-22              |                                   | 10:00                |

SAMPLE ID

|                         |                      |                                               |
|-------------------------|----------------------|-----------------------------------------------|
| CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
| 40 ML VOA               | 6                    | HCL                                           |
| 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
| 2 LITER AMBER           | 2                    | NEAT                                          |
| 500 ML AMBER            | 1                    | NEAT                                          |
| 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
| 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
| 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED

WATER QUALITY METER

SIGNATURE:

DATE: 4/21/2023



MARATHON GALLUP REFINERY

FIRST QUARTER 2022

TEST PARAMETERS

| WELL ID | GAUGE DATE | GAUGE TIME | DHC (FEET) | DTW (FEET) | DTB - D/W | CAPACITY PER FOOT | TEMPERATURE | DEGREES C | CONDUCTIVITY | TDS (G/L) | SALINITY (PPT) | DISSOLVED OXYGEN (MG/L) | ORP (MV) |
|---------|------------|------------|------------|------------|-----------|-------------------|-------------|-----------|--------------|-----------|----------------|-------------------------|----------|
| EF-2    | 4-21-22    | 11:00      | 1          | 1          | 1         | 0.003 - 4"        | 6           |           |              |           |                |                         |          |
|         |            |            | 2          | 1          | 1         |                   |             |           |              |           |                |                         |          |
|         |            |            | 3          | 1          | 1         |                   |             |           |              |           |                |                         |          |
|         |            |            | 4          | 1          | 1         |                   |             |           |              |           |                |                         |          |
|         |            |            | 5          | 1          | 1         |                   |             |           |              |           |                |                         |          |
|         |            |            | 6          | 1          | 1         | 0.103 - 2"        |             |           |              |           |                |                         |          |
|         |            |            | FOOT       |            |           |                   |             |           |              |           |                |                         |          |

PURGING DATA

| WELL ID | GAUGE DATE | GAUGE TIME | DHC (FEET) | DTW (FEET) | DTB - D/W | CAPACITY PER FOOT | TEMPERATURE | DEGREES C | CONDUCTIVITY | TDS (G/L) | SALINITY (PPT) | DISSOLVED OXYGEN (MG/L) | ORP (MV) |
|---------|------------|------------|------------|------------|-----------|-------------------|-------------|-----------|--------------|-----------|----------------|-------------------------|----------|
| EF-2    | 4-21-22    | 11:00      | 1          | 1          | 1         | 0.003 - 4"        | 6           |           |              |           |                |                         |          |
|         |            |            | 2          | 1          | 1         |                   |             |           |              |           |                |                         |          |
|         |            |            | 3          | 1          | 1         |                   |             |           |              |           |                |                         |          |
|         |            |            | 4          | 1          | 1         |                   |             |           |              |           |                |                         |          |
|         |            |            | 5          | 1          | 1         |                   |             |           |              |           |                |                         |          |
|         |            |            | 6          | 1          | 1         | 0.103 - 2"        |             |           |              |           |                |                         |          |
|         |            |            | FOOT       |            |           |                   |             |           |              |           |                |                         |          |

| WELL ID | GAUGE DATE | GAUGE TIME | DHC (FEET) | DTW (FEET) | DTB - D/W | CAPACITY PER FOOT | TEMPERATURE | DEGREES C | CONDUCTIVITY | TDS (G/L) | SALINITY (PPT) | DISSOLVED OXYGEN (MG/L) | ORP (MV) |
|---------|------------|------------|------------|------------|-----------|-------------------|-------------|-----------|--------------|-----------|----------------|-------------------------|----------|
| EF-2    | 4-21-22    | 11:00      | 1          | 1          | 1         | 0.003 - 4"        | 6           |           |              |           |                |                         |          |
|         |            |            | 2          | 1          | 1         |                   |             |           |              |           |                |                         |          |
|         |            |            | 3          | 1          | 1         |                   |             |           |              |           |                |                         |          |
|         |            |            | 4          | 1          | 1         |                   |             |           |              |           |                |                         |          |
|         |            |            | 5          | 1          | 1         |                   |             |           |              |           |                |                         |          |
|         |            |            | 6          | 1          | 1         | 0.103 - 2"        |             |           |              |           |                |                         |          |
|         |            |            | FOOT       |            |           |                   |             |           |              |           |                |                         |          |

SAMPLE LOG

| WELL ID | GAUGE DATE | GAUGE TIME | DHC (FEET) | DTW (FEET) | DTB - D/W | CAPACITY PER FOOT | TEMPERATURE | DEGREES C | CONDUCTIVITY | TDS (G/L) | SALINITY (PPT) | DISSOLVED OXYGEN (MG/L) | ORP (MV) |
|---------|------------|------------|------------|------------|-----------|-------------------|-------------|-----------|--------------|-----------|----------------|-------------------------|----------|
| EF-2    | 4-21-22    | 11:00      | 1          | 1          | 1         | 0.003 - 4"        | 6           |           |              |           |                |                         |          |
|         |            |            | 2          | 1          | 1         |                   |             |           |              |           |                |                         |          |
|         |            |            | 3          | 1          | 1         |                   |             |           |              |           |                |                         |          |
|         |            |            | 4          | 1          | 1         |                   |             |           |              |           |                |                         |          |
|         |            |            | 5          | 1          | 1         |                   |             |           |              |           |                |                         |          |
|         |            |            | 6          | 1          | 1         | 0.103 - 2"        |             |           |              |           |                |                         |          |
|         |            |            | FOOT       |            |           |                   |             |           |              |           |                |                         |          |

SAMPLE LOG

| WELL ID | GAUGE DATE | GAUGE TIME | DHC (FEET) | DTW (FEET) | DTB - D/W | CAPACITY PER FOOT | TEMPERATURE | DEGREES C | CONDUCTIVITY | TDS (G/L) | SALINITY (PPT) | DISSOLVED OXYGEN (MG/L) | ORP (MV) |
|---------|------------|------------|------------|------------|-----------|-------------------|-------------|-----------|--------------|-----------|----------------|-------------------------|----------|
| EF-2    | 4-21-22    | 11:00      | 1          | 1          | 1         | 0.003 - 4"        | 6           |           |              |           |                |                         |          |
|         |            |            | 2          | 1          | 1         |                   |             |           |              |           |                |                         |          |
|         |            |            | 3          | 1          | 1         |                   |             |           |              |           |                |                         |          |
|         |            |            | 4          | 1          | 1         |                   |             |           |              |           |                |                         |          |
|         |            |            | 5          | 1          | 1         |                   |             |           |              |           |                |                         |          |
|         |            |            | 6          | 1          | 1         | 0.103 - 2"        |             |           |              |           |                |                         |          |
|         |            |            | FOOT       |            |           |                   |             |           |              |           |                |                         |          |

SAMPLE LOG

| WELL ID | GAUGE DATE | GAUGE TIME | DHC (FEET) | DTW (FEET) | DTB - D/W | CAPACITY PER FOOT | TEMPERATURE | DEGREES C | CONDUCTIVITY | TDS (G/L) | SALINITY (PPT) | DISSOLVED OXYGEN (MG/L) | ORP (MV) |
|---------|------------|------------|------------|------------|-----------|-------------------|-------------|-----------|--------------|-----------|----------------|-------------------------|----------|
| EF-2    | 4-21-22    | 11:00      | 1          | 1          | 1         | 0.003 - 4"        | 6           |           |              |           |                |                         |          |
|         |            |            | 2          | 1          | 1         |                   |             |           |              |           |                |                         |          |
|         |            |            | 3          | 1          | 1         |                   |             |           |              |           |                |                         |          |
|         |            |            | 4          | 1          | 1         |                   |             |           |              |           |                |                         |          |
|         |            |            | 5          | 1          | 1         |                   |             |           |              |           |                |                         |          |
|         |            |            | 6          | 1          | 1         | 0.103 - 2"        |             |           |              |           |                |                         |          |
|         |            |            | FOOT       |            |           |                   |             |           |              |           |                |                         |          |



Western Refining Southwest LLC  
D/B/A Marathon Gallup Refinery  
2022 Annual Groundwater Monitoring Report

## Appendix A-4. 4<sup>th</sup> Quarter Field Logs

## MARATHON GALLUP REFINERY

4th ~~EST~~ QUARTER 2022

| WELL ID              |                         | TEST PARAMETERS          |      |                                               |                          |                      |           |                |                            |          |
|----------------------|-------------------------|--------------------------|------|-----------------------------------------------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTG-01B             |                         | Volumes                  | TIME | pH                                            | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/                     | Initial                  |      |                                               |                          |                      |           |                |                            |          |
| GAUGE TIME           |                         | 1                        |      |                                               |                          |                      |           |                |                            |          |
| DHC (FEET)           | 3.49                    | 2                        |      |                                               |                          |                      |           |                |                            |          |
| DTW (FEET)           | 3.55                    | 3                        |      |                                               |                          |                      |           |                |                            |          |
| DTE (FEET)           |                         | 4                        |      |                                               |                          |                      |           |                |                            |          |
| DTE - DTW            |                         | 5                        |      |                                               |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4               | 6                        |      |                                               |                          |                      |           |                |                            |          |
|                      | 0.163 - 2               |                          |      |                                               |                          |                      |           |                |                            |          |
| PURGING DATA         |                         |                          |      |                                               |                          |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    |                         | WEATHER CONDITIONS:      |      |                                               |                          |                      |           |                |                            |          |
| PURGE DATE           |                         | WATER APPEARANCE / ODOR: |      |                                               |                          |                      |           |                |                            |          |
| END OF<br>PURGE TIME |                         | COMMENTS:                |      |                                               |                          |                      |           |                |                            |          |
| PURGE<br>AMOUNT      |                         |                          |      |                                               |                          |                      |           |                |                            |          |
| DTW (FEET)           |                         |                          |      |                                               |                          |                      |           |                |                            |          |
| SAMPLING DATA        |                         |                          |      |                                               |                          |                      |           |                |                            |          |
| SAMPLE DATE          |                         | WEATHER CONDITIONS:      |      |                                               |                          |                      |           |                |                            |          |
| DTW (FEET)           |                         | WATER APPEARANCE / ODOR: |      |                                               |                          |                      |           |                |                            |          |
| SAMPLE TIME          |                         | COMMENTS: HAS Product    |      |                                               |                          |                      |           |                |                            |          |
| SAMPLE LOG           |                         |                          |      |                                               |                          |                      |           |                |                            |          |
| SAMPLE ID            | CONTAINER TYPE          | NUMBER OF CONTAINERS     |      | PRESERVATIVE                                  |                          |                      |           |                |                            |          |
|                      | 40 ML VOA               | 6                        |      | HCL                                           |                          |                      |           |                |                            |          |
|                      | 40 ML VOA               | 2                        |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                          |                      |           |                |                            |          |
|                      | 1 LITER AMBER           | 2                        |      | NEAT                                          |                          |                      |           |                |                            |          |
|                      | 500 ML AMBER            | 1                        |      | NEAT                                          |                          |                      |           |                |                            |          |
|                      | 250 ML PLASTIC          | 1                        |      | HNO <sub>3</sub>                              |                          |                      |           |                |                            |          |
|                      | 125 ML PLASTIC FILTERED | 1                        |      | HNO <sub>3</sub>                              |                          |                      |           |                |                            |          |
|                      | 500 ML PLASTIC          | 1                        |      | NaOH                                          |                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |                         | WATER QUALITY METER      |      |                                               |                          |                      |           |                |                            |          |

COMPLETED BY:

SIGNATURE:

MARATHON GALLUP REFINERY

4th QUARTER 2022

| WELL ID              |                 | TEST PARAMETERS |      |    |                          |                      |           |                |                            |          |
|----------------------|-----------------|-----------------|------|----|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKT-02R              |                 | Volumes         | TIME | pH | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | <del>9.98</del> | Initial         |      |    |                          |                      |           |                |                            |          |
| GAUGE TIME           | 7               | 1               |      |    |                          |                      |           |                |                            |          |
| DHC (FEET)           | 9.98            | 2               |      |    |                          |                      |           |                |                            |          |
| DTW (FEET)           | 10.03           | 3               |      |    |                          |                      |           |                |                            |          |
| DTE (FEET)           |                 | 4               |      |    |                          |                      |           |                |                            |          |
| DTE - DTW            |                 | 5               |      |    |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4'      | 6               |      |    |                          |                      |           |                |                            |          |
|                      | 0.163 - 2'      |                 |      |    |                          |                      |           |                |                            |          |

| PURGING DATA         |  |                          |
|----------------------|--|--------------------------|
| 3 WELL<br>VOLUMES    |  | WEATHER CONDITIONS:      |
| PURGE DATE           |  | WATER APPEARANCE / ODOR: |
| END OF<br>PURGE TIME |  | COMMENTS:                |
| PURGE<br>AMOUNT      |  |                          |
| DTW (FEET)           |  |                          |

| SAMPLING DATA |  |                          |
|---------------|--|--------------------------|
| SAMPLE DATE   |  | WEATHER CONDITIONS:      |
| DTW (FEET)    |  | WATER APPEARANCE / ODOR: |
| SAMPLE TIME   |  | COMMENTS: HAS Product    |

| SAMPLE LOG |                         |                      |                                               |
|------------|-------------------------|----------------------|-----------------------------------------------|
| SAMPLE ID  | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|            | 40 ML VOA               | 6                    | HCL                                           |
|            | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|            | 1 LITER AMBER           | 2                    | NEAT                                          |
|            | 500 ML AMBER            | 1                    | NEAT                                          |
|            | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|            | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|            | 500 ML PLASTIC          | 1                    | NaOH                                          |

|                  |                     |
|------------------|---------------------|
| INSTRUMENTS USED | WATER QUALITY METER |
|------------------|---------------------|

COMPLETED BY:

SIGNATURE:

## MARATHON GALLUP REFINERY

4th QUARTER 2022

| WELL ID              |           | TEST PARAMETERS |      |    |                          |                      |           |                |                            |          |
|----------------------|-----------|-----------------|------|----|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| M47F-03              |           | Volumes         | TIME | pH | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/       | Initial         |      |    |                          |                      |           |                |                            |          |
| GAUGE TIME           |           | 1               |      |    |                          |                      |           |                |                            |          |
| DHC (FEET)           | 8.02      | 2               |      |    |                          |                      |           |                |                            |          |
| DTW (FEET)           | 10.47     | 3               |      |    |                          |                      |           |                |                            |          |
| DTE (FEET)           |           | 4               |      |    |                          |                      |           |                |                            |          |
| DTB - DTW            |           | 5               |      |    |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4 | 6               |      |    |                          |                      |           |                |                            |          |
|                      | 0.163 - 2 |                 |      |    |                          |                      |           |                |                            |          |

## PURGING DATA

|                      |  |                          |
|----------------------|--|--------------------------|
| 3 WELL<br>VOLUMES    |  | WEATHER CONDITIONS:      |
| PURGE DATE           |  | WATER APPEARANCE / ODOR: |
| END OF<br>PURGE TIME |  | COMMENTS:                |
| PURGE<br>AMOUNT      |  |                          |
| DTW (FEET)           |  |                          |

## SAMPLING DATA

|             |  |                          |
|-------------|--|--------------------------|
| SAMPLE DATE |  | WEATHER CONDITIONS:      |
| DTW (FEET)  |  | WATER APPEARANCE / ODOR: |
| SAMPLE TIME |  | COMMENTS: HAS Product    |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED WATER QUALITY METER

COMPLETED BY:

SIGNATURE:



MARATHON GALLUP REFINERY

4th ~~1st~~ QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |      |    |                          |                      |           |                |                            |          |
|----------------------|------------|-----------------|------|----|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTF-04R             |            | Volumes         | TIME | pH | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mV) |
| GAUGE DATE           | 12/1/22    | Initial         |      |    |                          |                      |           |                |                            |          |
| GAUGE TIME           |            | 1               |      |    |                          |                      |           |                |                            |          |
| DHC (FEET)           | 9.50       | 2               |      |    |                          |                      |           |                |                            |          |
| DTW (FEET)           | 9.55       | 3               |      |    |                          |                      |           |                |                            |          |
| DTE (FEET)           |            | 4               |      |    |                          |                      |           |                |                            |          |
| DTE - DTW            |            | 5               |      |    |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6               |      |    |                          |                      |           |                |                            |          |
|                      | 0.163 - 2" |                 |      |    |                          |                      |           |                |                            |          |

PURGING DATA

|                      |  |                          |
|----------------------|--|--------------------------|
| 3 WELL<br>VOLUMES    |  | WEATHER CONDITIONS:      |
| PURGE DATE           |  | WATER APPEARANCE / ODOR: |
| END OF<br>PURGE TIME |  | COMMENTS:                |
| PURGE<br>AMOUNT      |  |                          |
| DTW (FEET)           |  |                          |

SAMPLING DATA

|             |  |                          |
|-------------|--|--------------------------|
| SAMPLE DATE |  | WEATHER CONDITIONS:      |
| DTW (FEET)  |  | WATER APPEARANCE / ODOR: |
| SAMPLE TIME |  | COMMENTS: HAS Product    |

SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED WATER QUALITY METER

COMPLETED BY:

SIGNATURE:



MARATHON GALLUP REFINERY

4th QUARTER 2022

| WELL ID              |           | TEST PARAMETERS |      |    |                          |                      |           |                |                            |          |
|----------------------|-----------|-----------------|------|----|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTF-05              |           | Volumes         | TIME | pH | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mV) |
| GAUGE DATE           | 12/1/22   | Initial         |      |    |                          |                      |           |                |                            |          |
| GAUGE TIME           |           | 1               |      |    |                          |                      |           |                |                            |          |
| DHC (FEET)           | 15.23     | 2               |      |    |                          |                      |           |                |                            |          |
| DTW (FEET)           | 15.76     | 3               |      |    |                          |                      |           |                |                            |          |
| DTE (FEET)           |           | 4               |      |    |                          |                      |           |                |                            |          |
| DTE - DTW            |           | 5               |      |    |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4 | 6               |      |    |                          |                      |           |                |                            |          |
|                      | 0.163 - 2 |                 |      |    |                          |                      |           |                |                            |          |

PURGING DATA

|                      |  |                          |
|----------------------|--|--------------------------|
| 3 WELL<br>VOLUMES    |  | WEATHER CONDITIONS:      |
| PURGE DATE           |  | WATER APPEARANCE / ODOR: |
| END OF<br>PURGE TIME |  | COMMENTS:                |
| PURGE<br>AMOUNT      |  |                          |
| DTW (FEET)           |  |                          |

SAMPLING DATA

|             |  |                          |
|-------------|--|--------------------------|
| SAMPLE DATE |  | WEATHER CONDITIONS:      |
| DTW (FEET)  |  | WATER APPEARANCE / ODOR: |
| SAMPLE TIME |  | COMMENTS: HAS Product    |

SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

|                  |                     |
|------------------|---------------------|
| INSTRUMENTS USED | WATER QUALITY METER |
|------------------|---------------------|

COMPLETED BY:

SIGNATURE:

## MARATHON GALLUP REFINERY

4th QUARTER 2022

| WELL ID              |                  | TEST PARAMETERS |      |    |                          |                      |           |                |                            |          |
|----------------------|------------------|-----------------|------|----|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKT-06               |                  | Volumes         | TIME | pH | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mV) |
| GAUGE DATE           | <del>10/27</del> | Initial         |      |    |                          |                      |           |                |                            |          |
| GAUGE TIME           |                  | 1               |      |    |                          |                      |           |                |                            |          |
| DHC (FEET)           | 17.55            | 2               |      |    |                          |                      |           |                |                            |          |
| DTW (FEET)           | 18.98            | 3               |      |    |                          |                      |           |                |                            |          |
| DTE (FEET)           |                  | 4               |      |    |                          |                      |           |                |                            |          |
| DTE - DTW            |                  | 5               |      |    |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4        | 6               |      |    |                          |                      |           |                |                            |          |
|                      | 0.163 - 2        |                 |      |    |                          |                      |           |                |                            |          |

## PURGING DATA

|                      |  |                          |
|----------------------|--|--------------------------|
| 3 WELL<br>VOLUMES    |  | WEATHER CONDITIONS:      |
| PURGE DATE           |  | WATER APPEARANCE / ODOR: |
| END OF<br>PURGE TIME |  | COMMENTS:                |
| PURGE<br>AMOUNT      |  |                          |
| DTW (FEET)           |  |                          |

## SAMPLING DATA

|             |  |                          |
|-------------|--|--------------------------|
| SAMPLE DATE |  | WEATHER CONDITIONS:      |
| DTW (FEET)  |  | WATER APPEARANCE / ODOR: |
| SAMPLE TIME |  | COMMENTS: HAS Product    |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED WATER QUALITY METER

COMPLETED BY:

SIGNATURE:

## MARATHON GALLUP REFINERY

4th ~~EST~~ QUARTER 2022

| WELL ID              |           | TEST PARAMETERS |      |    |                          |                      |           |                |                            |          |
|----------------------|-----------|-----------------|------|----|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MK7F-07              |           | Volumes         | TIME | pH | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22   | Initial         |      |    |                          |                      |           |                |                            |          |
| GAUGE TIME           |           | 1               |      |    |                          |                      |           |                |                            |          |
| DHC (FEET)           | 15.06     | 2               |      |    |                          |                      |           |                |                            |          |
| DTW (FEET)           | 15.41     | 3               |      |    |                          |                      |           |                |                            |          |
| DTB (FEET)           |           | 4               |      |    |                          |                      |           |                |                            |          |
| DTB - DTW            |           | 5               |      |    |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4 | 6               |      |    |                          |                      |           |                |                            |          |
|                      | 0.163 - 2 |                 |      |    |                          |                      |           |                |                            |          |

## PURGING DATA

|                      |  |                          |
|----------------------|--|--------------------------|
| 3 WELL<br>VOLUMES    |  | WEATHER CONDITIONS:      |
| PURGE DATE           |  | WATER APPEARANCE / ODOR: |
| END OF<br>PURGE TIME |  | COMMENTS:                |
| PURGE<br>AMOUNT      |  |                          |
| DTW (FEET)           |  |                          |

## SAMPLING DATA

|             |  |                          |
|-------------|--|--------------------------|
| SAMPLE DATE |  | WEATHER CONDITIONS:      |
| DTW (FEET)  |  | WATER APPEARANCE / ODOR: |
| SAMPLE TIME |  | COMMENTS:                |

HAS Product

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

|                  |                     |
|------------------|---------------------|
| INSTRUMENTS USED | WATER QUALITY METER |
|------------------|---------------------|

COMPLETED BY:

SIGNATURE:

## MARATHON GALLUP REFINERY

4th ~~EST~~ QUARTER 2022

| WELL ID              |           | TEST PARAMETERS |      |    |                          |                      |           |                |                            |          |
|----------------------|-----------|-----------------|------|----|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTF-08              |           | Volumes         | TIME | pH | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22   | Initial         |      |    |                          |                      |           |                |                            |          |
| GAUGE TIME           |           | 1               |      |    |                          |                      |           |                |                            |          |
| DHC (FEET)           | 15.31     | 2               |      |    |                          |                      |           |                |                            |          |
| DTW (FEET)           | 19.31     | 3               |      |    |                          |                      |           |                |                            |          |
| DTB (FEET)           |           | 4               |      |    |                          |                      |           |                |                            |          |
| DTB - DTW            |           | 5               |      |    |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4 | 6               |      |    |                          |                      |           |                |                            |          |
|                      | 0.163 - 2 |                 |      |    |                          |                      |           |                |                            |          |

## PURGING DATA

|                      |  |                          |
|----------------------|--|--------------------------|
| 3 WELL<br>VOLUMES    |  | WEATHER CONDITIONS:      |
| PURGE DATE           |  | WATER APPEARANCE / ODOR: |
| END OF<br>PURGE TIME |  | COMMENTS:                |
| PURGE<br>AMOUNT      |  |                          |
| DTW (FEET)           |  |                          |

## SAMPLING DATA

|             |  |                          |
|-------------|--|--------------------------|
| SAMPLE DATE |  | WEATHER CONDITIONS:      |
| DTW (FEET)  |  | WATER APPEARANCE / ODOR: |
| SAMPLE TIME |  | COMMENTS: HAS Product    |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

|                  |                     |
|------------------|---------------------|
| INSTRUMENTS USED | WATER QUALITY METER |
|------------------|---------------------|

COMPLETED BY:

SIGNATURE:



## MARATHON GALLUP REFINERY

4th QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |      |    |                          |                      |           |                |                            |          |
|----------------------|------------|-----------------|------|----|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MATE-09              |            | Volumes         | TIME | pH | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | CRP (mV) |
| GAUGE DATE           | 12/1/22    | Initial         |      |    |                          |                      |           |                |                            |          |
| GAUGE TIME           |            | 1               |      |    |                          |                      |           |                |                            |          |
| DHC (FEET)           | 15.32      | 2               |      |    |                          |                      |           |                |                            |          |
| DTW (FEET)           | 15.40      | 3               |      |    |                          |                      |           |                |                            |          |
| DTB (FEET)           |            | 4               |      |    |                          |                      |           |                |                            |          |
| DTB - DTW            |            | 5               |      |    |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4' | 6               |      |    |                          |                      |           |                |                            |          |
|                      | 0.163 - 2' |                 |      |    |                          |                      |           |                |                            |          |

## PURGING DATA

|                      |                          |
|----------------------|--------------------------|
| 3 WELL<br>VOLUMES    | WEATHER CONDITIONS:      |
| PURGE DATE           | WATER APPEARANCE / ODOR: |
| END OF<br>PURGE TIME | COMMENTS:                |
| PURGE<br>AMOUNT      |                          |
| DTW (FEET)           |                          |

## SAMPLING DATA

|             |                          |
|-------------|--------------------------|
| SAMPLE DATE | WEATHER CONDITIONS:      |
| DTW (FEET)  | WATER APPEARANCE / ODOR: |
| SAMPLE TIME | COMMENTS: HAS Product    |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

|                  |                     |
|------------------|---------------------|
| INSTRUMENTS USED | WATER QUALITY METER |
|------------------|---------------------|

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

4th ~~1ST~~ QUARTER 2022

| WELL ID              |                         | TEST PARAMETERS          |      |                                               |                          |                      |           |                |                            |          |
|----------------------|-------------------------|--------------------------|------|-----------------------------------------------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MK7E-10              |                         | Volumes                  | TIME | pH                                            | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22                 | Initial                  |      |                                               |                          |                      |           |                |                            |          |
| GAUGE TIME           |                         | 1                        |      |                                               |                          |                      |           |                |                            |          |
| DHC (FEET)           | 8.70                    | 2                        |      |                                               |                          |                      |           |                |                            |          |
| DTW (FEET)           | 8.29                    | 3                        |      |                                               |                          |                      |           |                |                            |          |
| DTB (FEET)           |                         | 4                        |      |                                               |                          |                      |           |                |                            |          |
| DTB - DTW            |                         | 5                        |      |                                               |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4'              | 6                        |      |                                               |                          |                      |           |                |                            |          |
|                      | 0.163 - 2'              |                          |      |                                               |                          |                      |           |                |                            |          |
| PURGING DATA         |                         |                          |      |                                               |                          |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    |                         | WEATHER CONDITIONS:      |      |                                               |                          |                      |           |                |                            |          |
| PURGE DATE           |                         | WATER APPEARANCE / ODOR: |      |                                               |                          |                      |           |                |                            |          |
| END OF<br>PURGE TIME |                         | COMMENTS:                |      |                                               |                          |                      |           |                |                            |          |
| PURGE<br>AMOUNT      |                         |                          |      |                                               |                          |                      |           |                |                            |          |
| DTW (FEET)           |                         |                          |      |                                               |                          |                      |           |                |                            |          |
| SAMPLING DATA        |                         |                          |      |                                               |                          |                      |           |                |                            |          |
| SAMPLE DATE          |                         | WEATHER CONDITIONS:      |      |                                               |                          |                      |           |                |                            |          |
| DTW (FEET)           |                         | WATER APPEARANCE / ODOR: |      |                                               |                          |                      |           |                |                            |          |
| SAMPLE TIME          |                         | COMMENTS: HAS Product    |      |                                               |                          |                      |           |                |                            |          |
| SAMPLE LOG           |                         |                          |      |                                               |                          |                      |           |                |                            |          |
| SAMPLE ID            | CONTAINER TYPE          | NUMBER OF CONTAINERS     |      | PRESERVATIVE                                  |                          |                      |           |                |                            |          |
|                      | 40 ML VOA               | 6                        |      | HCL                                           |                          |                      |           |                |                            |          |
|                      | 40 ML VOA               | 2                        |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                          |                      |           |                |                            |          |
|                      | 1 LITER AMBER           | 2                        |      | NEAT                                          |                          |                      |           |                |                            |          |
|                      | 500 ML AMBER            | 1                        |      | NEAT                                          |                          |                      |           |                |                            |          |
|                      | 250 ML PLASTIC          | 1                        |      | HNO <sub>3</sub>                              |                          |                      |           |                |                            |          |
|                      | 125 ML PLASTIC FILTERED | 1                        |      | HNO <sub>3</sub>                              |                          |                      |           |                |                            |          |
|                      | 500 ML PLASTIC          | 1                        |      | NaOH                                          |                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |                         | WATER QUALITY METER      |      |                                               |                          |                      |           |                |                            |          |

COMPLETED BY:

SIGNATURE:



## MARATHON GALLUP REFINERY

4th ~~3rd~~ QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |      |    |                          |                      |           |                |                            |          |
|----------------------|------------|-----------------|------|----|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKT-11               |            | Volumes         | TIME | pH | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22    | Initial         |      |    |                          |                      |           |                |                            |          |
| GAUGE TIME           |            | 1               |      |    |                          |                      |           |                |                            |          |
| DHC (FEET)           | 8.77       | 2               |      |    |                          |                      |           |                |                            |          |
| DTW (FEET)           | 8.82       | 3               |      |    |                          |                      |           |                |                            |          |
| DTB (FEET)           |            | 4               |      |    |                          |                      |           |                |                            |          |
| DTB - DTW            |            | 5               |      |    |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.853 - 4' | 6               |      |    |                          |                      |           |                |                            |          |
|                      | 0.163 - 2' |                 |      |    |                          |                      |           |                |                            |          |

## PURGING DATA

|                      |  |                          |
|----------------------|--|--------------------------|
| 3 WELL<br>VOLUMES    |  | WEATHER CONDITIONS:      |
| PURGE DATE           |  | WATER APPEARANCE / ODOR: |
| END OF<br>PURGE TIME |  | COMMENTS:                |
| PURGE<br>AMOUNT      |  |                          |
| DTW (FEET)           |  |                          |

## SAMPLING DATA

|             |  |                          |
|-------------|--|--------------------------|
| SAMPLE DATE |  | WEATHER CONDITIONS:      |
| DTW (FEET)  |  | WATER APPEARANCE / ODOR: |
| SAMPLE TIME |  | COMMENTS: HAS Product    |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

|                  |                     |
|------------------|---------------------|
| INSTRUMENTS USED | WATER QUALITY METER |
|------------------|---------------------|

COMPLETED BY:

SIGNATURE:

## MARATHON GALLUP REFINERY

4/6 ~~TEST~~ QUARTER 2022

| WELL ID              |           | TEST PARAMETERS |      |    |                          |                      |           |                |                            |          |
|----------------------|-----------|-----------------|------|----|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKT# - 12            |           | Volumes         | TIME | pH | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22   | Initial         |      |    |                          |                      |           |                |                            |          |
| GAUGE TIME           |           | 1               |      |    |                          |                      |           |                |                            |          |
| DHC (FEET)           | 19.95     | 2               |      |    |                          |                      |           |                |                            |          |
| DTW (FEET)           | 20.11     | 3               |      |    |                          |                      |           |                |                            |          |
| DTE (FEET)           |           | 4               |      |    |                          |                      |           |                |                            |          |
| DTB - DTW            |           | 5               |      |    |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4 | 6               |      |    |                          |                      |           |                |                            |          |
|                      | 0.163 - 2 |                 |      |    |                          |                      |           |                |                            |          |

## PURGING DATA

|                      |  |                          |
|----------------------|--|--------------------------|
| 3 WELL<br>VOLUMES    |  | WEATHER CONDITIONS:      |
| PURGE DATE           |  | WATER APPEARANCE / ODOR: |
| END OF<br>PURGE TIME |  | COMMENTS:                |
| PURGE<br>AMOUNT      |  |                          |
| DTW (FEET)           |  |                          |

## SAMPLING DATA

|             |  |                          |
|-------------|--|--------------------------|
| SAMPLE DATE |  | WEATHER CONDITIONS:      |
| DTW (FEET)  |  | WATER APPEARANCE / ODOR: |
| SAMPLE TIME |  | COMMENTS: HAS Product    |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

|                  |                     |
|------------------|---------------------|
| INSTRUMENTS USED | WATER QUALITY METER |
|------------------|---------------------|

COMPLETED BY:

SIGNATURE:

## MARATHON GALLUP REFINERY

4th ~~1st~~ QUARTER 2022

| WELL ID              |            | TEST PARAMETERS          |                      |    |                                               |                      |           |                |                            |          |
|----------------------|------------|--------------------------|----------------------|----|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTF-13              |            | Volumes                  | TIME                 | pH | Temperature<br>Degrees C                      | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22    | Initial                  |                      |    |                                               |                      |           |                |                            |          |
| GAUGE TIME           |            | 1                        |                      |    |                                               |                      |           |                |                            |          |
| DHC (FEET)           | 14.88      | 2                        |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 15.70      | 3                        |                      |    |                                               |                      |           |                |                            |          |
| DTE (FEET)           |            | 4                        |                      |    |                                               |                      |           |                |                            |          |
| DTE - DTW            |            | 5                        |                      |    |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4' | 6                        |                      |    |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2' |                          |                      |    |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                          |                      |    |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:      |                      |    |                                               |                      |           |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR: |                      |    |                                               |                      |           |                |                            |          |
| END OF<br>PURGE TIME |            | COMMENTS:                |                      |    |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      |            |                          |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |            |                          |                      |    |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                          |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:      |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR: |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE TIME          |            | COMMENTS: HAS Product    |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                          |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE           | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                      |           |                |                            |          |
|                      |            | 40 ML VOA                | 6                    |    | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER            | 2                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER             | 1                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC           | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED  | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC           | 1                    |    | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | WATER QUALITY METER      |                      |    |                                               |                      |           |                |                            |          |

COMPLETED BY:

SIGNATURE:

## MARATHON GALLUP REFINERY

4th QUARTER 2022

| WELL ID              |                         | TEST PARAMETERS          |      |                                               |                          |                      |           |                |                            |          |
|----------------------|-------------------------|--------------------------|------|-----------------------------------------------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MK7F-14              |                         | Volumes                  | TIME | pH                                            | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22                 | Initial                  |      |                                               |                          |                      |           |                |                            |          |
| GAUGE TIME           |                         | 1                        |      |                                               |                          |                      |           |                |                            |          |
| DHC (FEET)           | 7.41                    | 2                        |      |                                               |                          |                      |           |                |                            |          |
| DTW (FEET)           | 7.55                    | 3                        |      |                                               |                          |                      |           |                |                            |          |
| DTB (FEET)           |                         | 4                        |      |                                               |                          |                      |           |                |                            |          |
| DTB - DTW            |                         | 5                        |      |                                               |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4"              | 6                        |      |                                               |                          |                      |           |                |                            |          |
|                      | 0.163 - 2"              |                          |      |                                               |                          |                      |           |                |                            |          |
| PURGING DATA         |                         |                          |      |                                               |                          |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    |                         | WEATHER CONDITIONS:      |      |                                               |                          |                      |           |                |                            |          |
| PURGE DATE           |                         | WATER APPEARANCE / ODOR: |      |                                               |                          |                      |           |                |                            |          |
| END OF<br>PURGE TIME |                         | COMMENTS:                |      |                                               |                          |                      |           |                |                            |          |
| PURGE<br>AMOUNT      |                         |                          |      |                                               |                          |                      |           |                |                            |          |
| DTW (FEET)           |                         |                          |      |                                               |                          |                      |           |                |                            |          |
| SAMPLING DATA        |                         |                          |      |                                               |                          |                      |           |                |                            |          |
| SAMPLE DATE          |                         | WEATHER CONDITIONS:      |      |                                               |                          |                      |           |                |                            |          |
| DTW (FEET)           |                         | WATER APPEARANCE / ODOR: |      |                                               |                          |                      |           |                |                            |          |
| SAMPLE TIME          |                         | COMMENTS: HAS Product    |      |                                               |                          |                      |           |                |                            |          |
| SAMPLE LOG           |                         |                          |      |                                               |                          |                      |           |                |                            |          |
| SAMPLE ID            | CONTAINER TYPE          | NUMBER OF CONTAINERS     |      | PRESERVATIVE                                  |                          |                      |           |                |                            |          |
|                      | 40 ML VOA               | 6                        |      | HCL                                           |                          |                      |           |                |                            |          |
|                      | 40 ML VOA               | 2                        |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                          |                      |           |                |                            |          |
|                      | 1 LITER AMBER           | 2                        |      | NEAT                                          |                          |                      |           |                |                            |          |
|                      | 500 ML AMBER            | 1                        |      | NEAT                                          |                          |                      |           |                |                            |          |
|                      | 250 ML PLASTIC          | 1                        |      | HNO <sub>3</sub>                              |                          |                      |           |                |                            |          |
|                      | 125 ML PLASTIC FILTERED | 1                        |      | HNO <sub>3</sub>                              |                          |                      |           |                |                            |          |
|                      | 500 ML PLASTIC          | 1                        |      | NaOH                                          |                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |                         | WATER QUALITY METER      |      |                                               |                          |                      |           |                |                            |          |

COMPLETED BY:

SIGNATURE:



## MARATHON GALLUP REFINERY

4th ~~FIRST~~ QUARTER 2022

| WELL ID              |           | TEST PARAMETERS          |                      |    |                                               |                      |           |                |                            |          |
|----------------------|-----------|--------------------------|----------------------|----|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKT-15               |           | Volumes                  | TIME                 | pH | Temperature<br>Degrees C                      | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22   | Initial                  |                      |    |                                               |                      |           |                |                            |          |
| GAUGE TIME           |           | 1                        |                      |    |                                               |                      |           |                |                            |          |
| DHC (FEET)           | 13.96     | 2                        |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 14.59     | 3                        |                      |    |                                               |                      |           |                |                            |          |
| DTE (FEET)           |           | 4                        |                      |    |                                               |                      |           |                |                            |          |
| DTE - DTW            |           | 5                        |                      |    |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4 | 6                        |                      |    |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2 |                          |                      |    |                                               |                      |           |                |                            |          |
| PURGING DATA         |           |                          |                      |    |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    |           | WEATHER CONDITIONS:      |                      |    |                                               |                      |           |                |                            |          |
| PURGE DATE           |           | WATER APPEARANCE / ODOR: |                      |    |                                               |                      |           |                |                            |          |
| END OF<br>PURGE TIME |           | COMMENTS:                |                      |    |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      |           |                          |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |           |                          |                      |    |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |           |                          |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE DATE          |           | WEATHER CONDITIONS:      |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |           | WATER APPEARANCE / ODOR: |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE TIME          |           | COMMENTS:                |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |           |                          |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE ID            |           | CONTAINER TYPE           | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                      |           |                |                            |          |
|                      |           | 40 ML VOA                | 6                    |    | HCL                                           |                      |           |                |                            |          |
|                      |           | 40 ML VOA                | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |           | 1 LITER AMBER            | 2                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |           | 500 ML AMBER             | 1                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |           | 250 ML PLASTIC           | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |           | 125 ML PLASTIC FILTERED  | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |           | 500 ML PLASTIC           | 1                    |    | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |           | WATER QUALITY METER      |                      |    |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

4th ~~1ST~~ QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                    |                      |      |                                               |                      |           |                |                            |          |
|----------------------|------------|------------------------------------|----------------------|------|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTF-16              |            | Volumes                            | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22    | Initial                            | 16:20                | 7.47 | 14.0                                          | 0.71                 | 461.50    | 0.37           | 2.06                       | -33.7    |
| GAUGE TIME           |            | 1                                  | 16:30                | 7.45 | 13.8                                          | 0.76                 | 420.00    | 0.37           | 2.04                       | -33.4    |
| DHC (FEET)           | NA         | 2                                  |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 10.32      | 3                                  |                      |      |                                               |                      |           |                |                            |          |
| DTE (FEET)           | 10.92      | 4                                  |                      |      |                                               |                      |           |                |                            |          |
| DTE - DTW            | .60        | 5                                  |                      |      |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                  |                      |      |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2  |                                    |                      |      |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                                    |                      |      |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    | 0.30       | WEATHER CONDITIONS:                |                      |      |                                               |                      |           |                |                            |          |
| PURGE DATE           | 12/5/22    | WATER APPEARANCE / ODOR:           |                      |      |                                               |                      |           |                |                            |          |
| END OF<br>PURGE TIME | 16:30      | COMMENTS: Purged Dry               |                      |      |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      | .50        |                                    |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | DRY        |                                    |                      |      |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                                    |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE DATE          | 12/6/22    | WEATHER CONDITIONS: Cloudy / Windy |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 10.52      | WATER APPEARANCE / ODOR: Grayish   |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE TIME          | 16:20      | COMMENTS:                          |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                                    |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                     | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                      |           |                |                            |          |
|                      |            | 40 ML VOA                          | 6                    |      | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                          | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER                      | 2                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                       | 1                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC                     | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED            | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC                     | 1                    |      | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | WATER QUALITY METER                |                      |      |                                               |                      |           |                |                            |          |

COMPLETED BY:

SIGNATURE:



## MARATHON GALLUP REFINERY

4th ~~TRIM~~ QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |      |    |                          |                      |           |                |                            |          |
|----------------------|------------|-----------------|------|----|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MK7F-17R             |            | Volumes         | TIME | pH | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22    | Initial         |      |    |                          |                      |           |                |                            |          |
| GAUGE TIME           |            | 1               |      |    |                          |                      |           |                |                            |          |
| DHC (FEET)           | 12.50      | 2               |      |    |                          |                      |           |                |                            |          |
| DTW (FEET)           | 12.60      | 3               |      |    |                          |                      |           |                |                            |          |
| DTE (FEET)           |            | 4               |      |    |                          |                      |           |                |                            |          |
| DTB - DTW            |            | 5               |      |    |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.853 - 4" | 6               |      |    |                          |                      |           |                |                            |          |
|                      | 0.163 - 2" |                 |      |    |                          |                      |           |                |                            |          |

## PURGING DATA

|                      |  |                          |
|----------------------|--|--------------------------|
| 3 WELL<br>VOLUMES    |  | WEATHER CONDITIONS:      |
| PURGE DATE           |  | WATER APPEARANCE / ODOR: |
| END OF<br>PURGE TIME |  | COMMENTS:                |
| PURGE<br>AMOUNT      |  |                          |
| DTW (FEET)           |  |                          |

## SAMPLING DATA

|             |  |                          |
|-------------|--|--------------------------|
| SAMPLE DATE |  | WEATHER CONDITIONS:      |
| DTW (FEET)  |  | WATER APPEARANCE / ODOR: |
| SAMPLE TIME |  | COMMENTS: HAS Product    |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED WATER QUALITY METER

COMPLETED BY:

SIGNATURE:

## MARATHON GALLUP REFINERY

4th QUARTER 2022

| WELL ID              |           | TEST PARAMETERS                                       |                      |      |                                               |                      |           |                |                            |          |
|----------------------|-----------|-------------------------------------------------------|----------------------|------|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MK7F-18R             |           | Volumes                                               | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22   | Initial                                               | 1:10                 | 6.71 | 15.7                                          | 2.12                 | 1378.00   | 1.10           | 0.92                       | -166.3   |
| GAUGE TIME           |           | 1                                                     | 1:15                 | 6.73 | 15.5                                          | 2.12                 | 1378.00   | 1.09           | 0.85                       | -247.3   |
| DHC (FEET)           | NA        | 2                                                     | 1:18                 | 6.72 | 15.8                                          | 2.15                 | 1392.50   | 1.11           | 0.84                       | -282.3   |
| DTW (FEET)           | 16.76     | 3                                                     |                      |      |                                               |                      |           |                |                            |          |
| DTB (FEET)           | 25.46     | 4                                                     |                      |      |                                               |                      |           |                |                            |          |
| DTB - DTW            | 14.76     | 5                                                     |                      |      |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4 | 6                                                     |                      |      |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2 |                                                       |                      |      |                                               |                      |           |                |                            |          |
| PURGING DATA         |           |                                                       |                      |      |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    | 7.25      | WEATHER CONDITIONS:<br>Cloudy / Windy                 |                      |      |                                               |                      |           |                |                            |          |
| PURGE DATE           | 12/5/22   | WATER APPEARANCE / ODOR:<br>Brown / slight HC odor    |                      |      |                                               |                      |           |                |                            |          |
| END OF<br>PURGE TIME | 1:20      | COMMENTS:                                             |                      |      |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      | 7.85      |                                                       |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 18.55     |                                                       |                      |      |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |           |                                                       |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE DATE          | 12/6/22   | WEATHER CONDITIONS:<br>Cloudy                         |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 16.80     | WATER APPEARANCE / ODOR:<br>Brownish / slight HC odor |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE TIME          | 9:50      | COMMENTS:                                             |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |           |                                                       |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE ID            |           | CONTAINER TYPE                                        | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                      |           |                |                            |          |
|                      |           | 40 ML VOA                                             | 6                    |      | HCL                                           |                      |           |                |                            |          |
|                      |           | 40 ML VOA                                             | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |           | 1 LITER AMBER                                         | 2                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |           | 500 ML AMBER                                          | 1                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |           | 250 ML PLASTIC                                        | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |           | 125 ML PLASTIC FILTERED                               | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |           | 500 ML PLASTIC                                        | 1                    |      | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |           | WATER QUALITY METER                                   |                      |      |                                               |                      |           |                |                            |          |

COMPLETED BY:

SIGNATURE:

## MARATHON GALLUP REFINERY

4th ~~FIRST~~ QUARTER 2022

| WELL ID              |            | TEST PARAMETERS          |                      |    |                                               |                      |           |                |                            |          |
|----------------------|------------|--------------------------|----------------------|----|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTF-19              |            | Volumes                  | TIME                 | pH | Temperature<br>Degrees C                      | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mV) |
| GAUGE DATE           | 12/1/22    | Initial                  |                      |    |                                               |                      |           |                |                            |          |
| GAUGE TIME           |            | 1                        |                      |    |                                               |                      |           |                |                            |          |
| DHC (FEET)           | 15.12      | 2                        |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 15.44      | 3                        |                      |    |                                               |                      |           |                |                            |          |
| DTE (FEET)           |            | 4                        |                      |    |                                               |                      |           |                |                            |          |
| DTE - DTW            |            | 5                        |                      |    |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4' | 6                        |                      |    |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2' | 1                        |                      |    |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                          |                      |    |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:      |                      |    |                                               |                      |           |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR: |                      |    |                                               |                      |           |                |                            |          |
| END OF<br>PURGE TIME |            | COMMENTS:                |                      |    |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      |            |                          |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |            |                          |                      |    |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                          |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:      |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR: |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE TIME          |            | COMMENTS: HAS Product    |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                          |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE           | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                      |           |                |                            |          |
|                      |            | 40 ML VOA                | 6                    |    | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER            | 2                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER             | 1                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC           | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED  | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC           | 1                    |    | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | WATER QUALITY METER      |                      |    |                                               |                      |           |                |                            |          |

COMPLETED BY:

SIGNATURE:

## MARATHON GALLUP REFINERY

4th QUARTER 2022

| WELL ID              |           | TEST PARAMETERS          |                      |    |                                               |                      |           |                |                            |          |
|----------------------|-----------|--------------------------|----------------------|----|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKT-20               |           | Volumes                  | TIME                 | pH | Temperature<br>Degrees C                      | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22   | Initial                  |                      |    |                                               |                      |           |                |                            |          |
| GAUGE TIME           |           | 1                        |                      |    |                                               |                      |           |                |                            |          |
| DHC (FEET)           |           | 2                        |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           | DRY       | 3                        |                      |    |                                               |                      |           |                |                            |          |
| DTE (FEET)           |           | 4                        |                      |    |                                               |                      |           |                |                            |          |
| DTE - DTW            |           | 5                        |                      |    |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4 | 6                        |                      |    |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2 |                          |                      |    |                                               |                      |           |                |                            |          |
| PURGING DATA         |           |                          |                      |    |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    |           | WEATHER CONDITIONS:      |                      |    |                                               |                      |           |                |                            |          |
| PURGE DATE           |           | WATER APPEARANCE / ODOR: |                      |    |                                               |                      |           |                |                            |          |
| END OF<br>PURGE TIME |           | COMMENTS: DRY            |                      |    |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      |           |                          |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |           |                          |                      |    |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |           |                          |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE DATE          |           | WEATHER CONDITIONS:      |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |           | WATER APPEARANCE / ODOR: |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE TIME          |           | COMMENTS: DRY            |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |           |                          |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE ID            |           | CONTAINER TYPE           | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                      |           |                |                            |          |
|                      |           | 40 ML VOA                | 6                    |    | HCL                                           |                      |           |                |                            |          |
|                      |           | 40 ML VOA                | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |           | 1 LITER AMBER            | 2                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |           | 500 ML AMBER             | 1                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |           | 250 ML PLASTIC           | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |           | 125 ML PLASTIC FILTERED  | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |           | 500 ML PLASTIC           | 1                    |    | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |           | WATER QUALITY METER      |                      |    |                                               |                      |           |                |                            |          |

COMPLETED BY:

SIGNATURE:



## MARATHON GALLUP REFINERY

4th ~~1st~~ QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |      |    |                          |                      |           |                |                            |          |
|----------------------|------------|-----------------|------|----|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| 12/1 MKT-21          |            | Volumes         | TIME | pH | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22    | Initial         |      |    |                          |                      |           |                |                            |          |
| GAUGE TIME           |            | 1               |      |    |                          |                      |           |                |                            |          |
| DHC (FEET)           | NA         | 2               |      |    |                          |                      |           |                |                            |          |
| DTW (FEET)           | DRY        | 3               |      |    |                          |                      |           |                |                            |          |
| DTE (FEET)           |            | 4               |      |    |                          |                      |           |                |                            |          |
| DTB - DTW            |            | 5               |      |    |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4' | 6               |      |    |                          |                      |           |                |                            |          |
|                      | 0.163 - 2' |                 |      |    |                          |                      |           |                |                            |          |

## PURGING DATA

|                      |  |                          |
|----------------------|--|--------------------------|
| 3 WELL<br>VOLUMES    |  | WEATHER CONDITIONS:      |
| PURGE DATE           |  | WATER APPEARANCE / ODOR: |
| END OF<br>PURGE TIME |  | COMMENTS:                |
| PURGE<br>AMOUNT      |  | DRY                      |
| DTW (FEET)           |  |                          |

## SAMPLING DATA

|             |  |                          |
|-------------|--|--------------------------|
| SAMPLE DATE |  | WEATHER CONDITIONS:      |
| DTW (FEET)  |  | WATER APPEARANCE / ODOR: |
| SAMPLE TIME |  | COMMENTS:                |
|             |  | DRY                      |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

|                  |                     |
|------------------|---------------------|
| INSTRUMENTS USED | WATER QUALITY METER |
|------------------|---------------------|

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

MARATHON GALLUP REFINERY

*Fairth* ~~1st~~ QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |      |    |                          |                      |           |                |                            |          |
|----------------------|------------|-----------------|------|----|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| <b>MKT-F-22</b>      |            | Volumes         | TIME | pH | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22    | Initial         |      |    |                          |                      |           |                |                            |          |
| GAUGE TIME           |            | 1               |      |    |                          |                      |           |                |                            |          |
| DHC (FEET)           | 25.76      | 2               |      |    |                          |                      |           |                |                            |          |
| DTW (FEET)           | 27.57      | 3               |      |    |                          |                      |           |                |                            |          |
| DTE (FEET)           |            | 4               |      |    |                          |                      |           |                |                            |          |
| DTE - DTW            |            | 5               |      |    |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6               |      |    |                          |                      |           |                |                            |          |
|                      | 0.163 - 2" |                 |      |    |                          |                      |           |                |                            |          |

PURGING DATA

|                      |  |                          |
|----------------------|--|--------------------------|
| 3 WELL<br>VOLUMES    |  | WEATHER CONDITIONS:      |
| PURGE DATE           |  | WATER APPEARANCE / ODOR: |
| END OF<br>PURGE TIME |  | COMMENTS:                |
| PURGE<br>AMOUNT      |  |                          |
| DTW (FEET)           |  |                          |

SAMPLING DATA

|             |  |                          |
|-------------|--|--------------------------|
| SAMPLE DATE |  | WEATHER CONDITIONS:      |
| DTW (FEET)  |  | WATER APPEARANCE / ODOR: |
| SAMPLE TIME |  | COMMENTS:                |

*1-125 produced*

SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

|                  |                     |
|------------------|---------------------|
| INSTRUMENTS USED | WATER QUALITY METER |
|------------------|---------------------|

COMPLETED BY:

SIGNATURE:



## MARATHON GALLUP REFINERY

4th ~~3rd~~ QUARTER 2022

| WELL ID              |            | TEST PARAMETERS          |                      |    |                                               |                      |           |                |                            |          |
|----------------------|------------|--------------------------|----------------------|----|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKT#-23              |            | Volumes                  | TIME                 | pH | Temperature<br>Degrees C                      | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22    | Initial                  |                      |    |                                               |                      |           |                |                            |          |
| GAUGE TIME           |            | 1                        |                      |    |                                               |                      |           |                |                            |          |
| DHC (FEET)           | 14.31      | 2                        |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 14.40      | 3                        |                      |    |                                               |                      |           |                |                            |          |
| DTB (FEET)           |            | 4                        |                      |    |                                               |                      |           |                |                            |          |
| DTB - DTW            |            | 5                        |                      |    |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                        |                      |    |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                          |                      |    |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                          |                      |    |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:      |                      |    |                                               |                      |           |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR: |                      |    |                                               |                      |           |                |                            |          |
| END OF<br>PURGE TIME |            | COMMENTS:                |                      |    |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      |            |                          |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |            |                          |                      |    |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                          |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:      |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR: |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE TIME          |            | COMMENTS: Has Product    |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                          |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE           | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                      |           |                |                            |          |
|                      |            | 40 ML VOA                | 6                    |    | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                | 2                    |    | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER            | 2                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER             | 1                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC           | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED  | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC           | 1                    |    | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | WATER QUALITY METER      |                      |    |                                               |                      |           |                |                            |          |

COMPLETED BY:

SIGNATURE:

## MARATHON GALLUP REFINERY

4th ~~QUARTER~~ QUARTER 2022

| WELL ID              |                         | TEST PARAMETERS          |      |                                               |                          |                      |           |                |                            |          |
|----------------------|-------------------------|--------------------------|------|-----------------------------------------------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTF-221             |                         | Volumes                  | TIME | pH                                            | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22                 | Initial                  |      |                                               |                          |                      |           |                |                            |          |
| GAUGE TIME           |                         | 1                        |      |                                               |                          |                      |           |                |                            |          |
| DHC (FEET)           | 23.77                   | 2                        |      |                                               |                          |                      |           |                |                            |          |
| DTW (FEET)           | 23.82                   | 3                        |      |                                               |                          |                      |           |                |                            |          |
| DTE (FEET)           |                         | 4                        |      |                                               |                          |                      |           |                |                            |          |
| DTE - DTW            |                         | 5                        |      |                                               |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4'              | 6                        |      |                                               |                          |                      |           |                |                            |          |
|                      | 0.163 - 2'              |                          |      |                                               |                          |                      |           |                |                            |          |
| PURGING DATA         |                         |                          |      |                                               |                          |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    |                         | WEATHER CONDITIONS:      |      |                                               |                          |                      |           |                |                            |          |
| PURGE DATE           |                         | WATER APPEARANCE / ODOR: |      |                                               |                          |                      |           |                |                            |          |
| END OF<br>PURGE TIME |                         | COMMENTS:                |      |                                               |                          |                      |           |                |                            |          |
| PURGE<br>AMOUNT      |                         |                          |      |                                               |                          |                      |           |                |                            |          |
| DTW (FEET)           |                         |                          |      |                                               |                          |                      |           |                |                            |          |
| SAMPLING DATA        |                         |                          |      |                                               |                          |                      |           |                |                            |          |
| SAMPLE DATE          |                         | WEATHER CONDITIONS:      |      |                                               |                          |                      |           |                |                            |          |
| DTW (FEET)           |                         | WATER APPEARANCE / ODOR: |      |                                               |                          |                      |           |                |                            |          |
| SAMPLE TIME          |                         | COMMENTS: HAS Product    |      |                                               |                          |                      |           |                |                            |          |
| SAMPLE LOG           |                         |                          |      |                                               |                          |                      |           |                |                            |          |
| SAMPLE ID            | CONTAINER TYPE          | NUMBER OF CONTAINERS     |      | PRESERVATIVE                                  |                          |                      |           |                |                            |          |
|                      | 40 ML VOA               | 6                        |      | HCL                                           |                          |                      |           |                |                            |          |
|                      | 40 ML VOA               | 2                        |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                          |                      |           |                |                            |          |
|                      | 1 LITER AMBER           | 2                        |      | NEAT                                          |                          |                      |           |                |                            |          |
|                      | 500 ML AMBER            | 1                        |      | NEAT                                          |                          |                      |           |                |                            |          |
|                      | 250 ML PLASTIC          | 1                        |      | HNO <sub>3</sub>                              |                          |                      |           |                |                            |          |
|                      | 125 ML PLASTIC FILTERED | 1                        |      | HNO <sub>3</sub>                              |                          |                      |           |                |                            |          |
|                      | 500 ML PLASTIC          | 1                        |      | NaOH                                          |                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |                         | WATER QUALITY METER      |      |                                               |                          |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

4th ~~FIRST~~ QUARTER 2022

| WELL ID              |                         | TEST PARAMETERS          |      |                                               |                          |                      |           |                |                            |          |
|----------------------|-------------------------|--------------------------|------|-----------------------------------------------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MK7E-25              |                         | Volumes                  | TIME | pH                                            | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22                 | Initial                  |      |                                               |                          |                      |           |                |                            |          |
| GAUGE TIME           |                         | 1                        |      |                                               |                          |                      |           |                |                            |          |
| DHC (FEET)           | 13.64                   | 2                        |      |                                               |                          |                      |           |                |                            |          |
| DTW (FEET)           | 13.68                   | 3                        |      |                                               |                          |                      |           |                |                            |          |
| DTB (FEET)           |                         | 4                        |      |                                               |                          |                      |           |                |                            |          |
| DTB - DTW            |                         | 5                        |      |                                               |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4"              | 6                        |      |                                               |                          |                      |           |                |                            |          |
|                      | 0.163 - 2"              |                          |      |                                               |                          |                      |           |                |                            |          |
| PURGING DATA         |                         |                          |      |                                               |                          |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    |                         | WEATHER CONDITIONS:      |      |                                               |                          |                      |           |                |                            |          |
| PURGE DATE           |                         | WATER APPEARANCE / ODOR: |      |                                               |                          |                      |           |                |                            |          |
| END OF<br>PURGE TIME |                         | COMMENTS:                |      |                                               |                          |                      |           |                |                            |          |
| PURGE<br>AMOUNT      |                         |                          |      |                                               |                          |                      |           |                |                            |          |
| DTW (FEET)           |                         |                          |      |                                               |                          |                      |           |                |                            |          |
| SAMPLING DATA        |                         |                          |      |                                               |                          |                      |           |                |                            |          |
| SAMPLE DATE          |                         | WEATHER CONDITIONS:      |      |                                               |                          |                      |           |                |                            |          |
| DTW (FEET)           |                         | WATER APPEARANCE / ODOR: |      |                                               |                          |                      |           |                |                            |          |
| SAMPLE TIME          |                         | COMMENTS: HAS Product    |      |                                               |                          |                      |           |                |                            |          |
| SAMPLE LOG           |                         |                          |      |                                               |                          |                      |           |                |                            |          |
| SAMPLE ID            | CONTAINER TYPE          | NUMBER OF CONTAINERS     |      | PRESERVATIVE                                  |                          |                      |           |                |                            |          |
|                      | 40 ML VOA               | 6                        |      | HCL                                           |                          |                      |           |                |                            |          |
|                      | 40 ML VOA               | 2                        |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                          |                      |           |                |                            |          |
|                      | 1 LITER AMBER           | 2                        |      | NEAT                                          |                          |                      |           |                |                            |          |
|                      | 500 ML AMBER            | 1                        |      | NEAT                                          |                          |                      |           |                |                            |          |
|                      | 250 ML PLASTIC          | 1                        |      | HNO <sub>3</sub>                              |                          |                      |           |                |                            |          |
|                      | 125 ML PLASTIC FILTERED | 1                        |      | HNO <sub>3</sub>                              |                          |                      |           |                |                            |          |
|                      | 500 ML PLASTIC          | 1                        |      | NaOH                                          |                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |                         | WATER QUALITY METER      |      |                                               |                          |                      |           |                |                            |          |

COMPLETED BY:

SIGNATURE:

## MARATHON GALLUP REFINERY

4th ~~QUARTER~~ QUARTER 2022

| WELL ID              |           | TEST PARAMETERS          |                      |    |                                               |                      |           |                |                            |          |
|----------------------|-----------|--------------------------|----------------------|----|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKT-26               |           | Volumes                  | TIME                 | pH | Temperature<br>Degrees C                      | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22   | Initial                  |                      |    |                                               |                      |           |                |                            |          |
| GAUGE TIME           |           | 1                        |                      |    |                                               |                      |           |                |                            |          |
| DHC (FEET)           | 9.03      | 2                        |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 9.10      | 3                        |                      |    |                                               |                      |           |                |                            |          |
| DTB (FEET)           |           | 4                        |                      |    |                                               |                      |           |                |                            |          |
| DTB - DTW            |           | 5                        |                      |    |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4 | 6                        |                      |    |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2 |                          |                      |    |                                               |                      |           |                |                            |          |
| PURGING DATA         |           |                          |                      |    |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    |           | WEATHER CONDITIONS:      |                      |    |                                               |                      |           |                |                            |          |
| PURGE DATE           |           | WATER APPEARANCE / ODOR: |                      |    |                                               |                      |           |                |                            |          |
| END OF<br>PURGE TIME |           | COMMENTS:                |                      |    |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      |           |                          |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |           |                          |                      |    |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |           |                          |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE DATE          |           | WEATHER CONDITIONS:      |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |           | WATER APPEARANCE / ODOR: |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE TIME          |           | COMMENTS: HAS Product    |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |           |                          |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE ID            |           | CONTAINER TYPE           | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                      |           |                |                            |          |
|                      |           | 40 ML VOA                | 6                    |    | HCL                                           |                      |           |                |                            |          |
|                      |           | 40 ML VOA                | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |           | 1 LITER AMBER            | 2                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |           | 500 ML AMBER             | 1                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |           | 250 ML PLASTIC           | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |           | 125 ML PLASTIC FILTERED  | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |           | 500 ML PLASTIC           | 1                    |    | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |           | WATER QUALITY METER      |                      |    |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



## MARATHON GALLUP REFINERY

Q4 2022 QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                             |                      |      |                                               |                      |           |                |                            |          |
|----------------------|------------|---------------------------------------------|----------------------|------|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTF-27              |            | Volumes                                     | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22    | Initial                                     | 2:28                 | 6.94 | 11.6                                          | 7.01                 | 4523.00   | 3.87           | 1.67                       | 83.1     |
| GAUGE TIME           |            | 1                                           | 2:32                 | 6.98 | 12.0                                          | 7.27                 | 4775.50   | 4.03           | 1.64                       | 76.5     |
| DHC (FEET)           | NA         | 2                                           | 2:35                 | 6.91 | 12.2                                          | 7.27                 | 4699.00   | 4.06           | 1.63                       | 82.2     |
| DTW (FEET)           | 6.81       | 3                                           |                      |      |                                               |                      |           |                |                            |          |
| DTE (FEET)           | 14.78      | 4                                           |                      |      |                                               |                      |           |                |                            |          |
| DTE - DTW            | 7.97       | 5                                           |                      |      |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                           |                      |      |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                                             |                      |      |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                                             |                      |      |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    | 3.75       | WEATHER CONDITIONS:<br>Cloudy / Rain        |                      |      |                                               |                      |           |                |                            |          |
| PURGE DATE           | 12/7/22    | WATER APPEARANCE / ODOR:<br>clear / no odor |                      |      |                                               |                      |           |                |                            |          |
| END OF<br>PURGE TIME | 2:35       | COMMENTS:                                   |                      |      |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      | 3.75       |                                             |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 12.10      |                                             |                      |      |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                                             |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE DATE          | 12/8/22    | WEATHER CONDITIONS:<br>Sunny                |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 9.33       | WATER APPEARANCE / ODOR:<br>clear / no odor |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE TIME          | 16:30      | COMMENTS:                                   |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                                             |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                              | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                      |           |                |                            |          |
|                      |            | 40 ML VOA                                   | 6                    |      | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                                   | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER                               | 2                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                                | 1                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC                              | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                     | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC                              | 1                    |      | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | WATER QUALITY METER                         |                      |      |                                               |                      |           |                |                            |          |

COMPLETED BY:

SIGNATURE:

## MARATHON GALLUP REFINERY

4th 1st QUARTER 2022

| WELL ID              |                         | TEST PARAMETERS                                |                                               |      |                          |                      |           |                |                            |          |
|----------------------|-------------------------|------------------------------------------------|-----------------------------------------------|------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MK7F-28              |                         | Volumes                                        | TIME                                          | pH   | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/11/22                | Initial                                        | 2:46                                          | 7.24 | 14.3                     | 3.76                 | 2450.80   | 2.01           | 2.30                       | 96.4     |
| GAUGE TIME           |                         | 1                                              | 2:50                                          | 7.13 | 14.6                     | 3.74                 | 2424.50   | 1.98           | 93.5                       | 97.17    |
| DHC (FEET)           | NA                      | 2                                              | 2:55                                          | 7.09 | 14.3                     | 3.89                 | 1993.50   | 1.02           | 2.17                       | 98.0     |
| DTW (FEET)           | 10.25                   | 3                                              |                                               |      |                          |                      |           |                |                            |          |
| DTE (FEET)           | 16.15                   | 4                                              |                                               |      |                          |                      |           |                |                            |          |
| DTE - DTW            | 5.9                     | 5                                              |                                               |      |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4               | 6                                              |                                               |      |                          |                      |           |                |                            |          |
|                      | 0.163 - 2               |                                                |                                               |      |                          |                      |           |                |                            |          |
| PURGING DATA         |                         |                                                |                                               |      |                          |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    | 2.75                    | WEATHER CONDITIONS:<br>Cloudy Rain             |                                               |      |                          |                      |           |                |                            |          |
| PURGE DATE           | 12/6/22                 | WATER APPEARANCE / ODOR:<br>Brownish / no odor |                                               |      |                          |                      |           |                |                            |          |
| END OF<br>PURGE TIME | 2:55                    | COMMENTS:                                      |                                               |      |                          |                      |           |                |                            |          |
| PURGE<br>AMOUNT      | 2.75                    |                                                |                                               |      |                          |                      |           |                |                            |          |
| DTW (FEET)           | 10.                     |                                                |                                               |      |                          |                      |           |                |                            |          |
| SAMPLING DATA        |                         |                                                |                                               |      |                          |                      |           |                |                            |          |
| SAMPLE DATE          | 12/7/22                 | WEATHER CONDITIONS:<br>Cloudy / Rain           |                                               |      |                          |                      |           |                |                            |          |
| DTW (FEET)           | 14.03                   | WATER APPEARANCE / ODOR:<br>Brownish / No odor |                                               |      |                          |                      |           |                |                            |          |
| SAMPLE TIME          | 2:55                    | COMMENTS:                                      |                                               |      |                          |                      |           |                |                            |          |
| SAMPLE LOG           |                         |                                                |                                               |      |                          |                      |           |                |                            |          |
| SAMPLE ID            | CONTAINER TYPE          | NUMBER OF CONTAINERS                           | PRESERVATIVE                                  |      |                          |                      |           |                |                            |          |
|                      | 40 ML VOA               | 6                                              | HCL                                           |      |                          |                      |           |                |                            |          |
|                      | 40 ML VOA               | 2                                              | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |      |                          |                      |           |                |                            |          |
|                      | 1 LITER AMBER           | 2                                              | NEAT                                          |      |                          |                      |           |                |                            |          |
|                      | 500 ML AMBER            | 1                                              | NEAT                                          |      |                          |                      |           |                |                            |          |
|                      | 250 ML PLASTIC          | 1                                              | HNO <sub>3</sub>                              |      |                          |                      |           |                |                            |          |
|                      | 125 ML PLASTIC FILTERED | 1                                              | HNO <sub>3</sub>                              |      |                          |                      |           |                |                            |          |
|                      | 500 ML PLASTIC          | 1                                              | NaOH                                          |      |                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |                         | WATER QUALITY METER                            |                                               |      |                          |                      |           |                |                            |          |

COMPLETED BY:

SIGNATURE:



## MARATHON GALLUP REFINERY

4th ~~1st~~ QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                |                      |      |                                               |                      |           |                 |                            |          |
|----------------------|------------|------------------------------------------------|----------------------|------|-----------------------------------------------|----------------------|-----------|-----------------|----------------------------|----------|
| MLTF-29              |            | Volumes                                        | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt)  | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22    | Initial                                        | 2:46                 | 7.24 | 14.3                                          | 3.76                 | 2450.50   | 2.01            | 2.30                       | 90.4     |
| GAUGE TIME           |            | 1                                              | 2:50                 | 7.13 | 14.6                                          | 3.74                 | 2424.50   | 1.98            | 2.17                       | 93.5     |
| DHC (FEET)           | NA         | 2                                              | 2:55                 | 7.69 | 14.3                                          | 3.78                 | 2293.50   | <del>2.01</del> | 2.17                       | 95.0     |
| DTW (FEET)           | 6.25       | 3                                              |                      |      |                                               |                      |           | 1.92            |                            |          |
| DTE (FEET)           | 22.83      | 4                                              |                      |      |                                               |                      |           |                 |                            |          |
| DTB - DTW            | 16.58      | 5                                              |                      |      |                                               |                      |           |                 |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                              |                      |      |                                               |                      |           |                 |                            |          |
|                      | 0.163 - 2" |                                                |                      |      |                                               |                      |           |                 |                            |          |
| PURGING DATA         |            |                                                |                      |      |                                               |                      |           |                 |                            |          |
| 3 WELL<br>VOLUMES    | 2.75       | WEATHER CONDITIONS:<br>Cloudy Rain             |                      |      |                                               |                      |           |                 |                            |          |
| PURGE DATE           | 12/7/22    | WATER APPEARANCE / ODOR:<br>Brownish / No odor |                      |      |                                               |                      |           |                 |                            |          |
| END OF<br>PURGE TIME | 12/7/22    | COMMENTS:                                      |                      |      |                                               |                      |           |                 |                            |          |
| PURGE<br>AMOUNT      | 2.75       |                                                |                      |      |                                               |                      |           |                 |                            |          |
| DTW (FEET)           | 14.03      |                                                |                      |      |                                               |                      |           |                 |                            |          |
| SAMPLING DATA        |            |                                                |                      |      |                                               |                      |           |                 |                            |          |
| SAMPLE DATE          | 12/8/22    | WEATHER CONDITIONS:<br>Sunny                   |                      |      |                                               |                      |           |                 |                            |          |
| DTW (FEET)           | 13.41      | WATER APPEARANCE / ODOR:<br>Clear / No odor    |                      |      |                                               |                      |           |                 |                            |          |
| SAMPLE TIME          | 16:40      | COMMENTS:                                      |                      |      |                                               |                      |           |                 |                            |          |
| SAMPLE LOG           |            |                                                |                      |      |                                               |                      |           |                 |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                                 | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                      |           |                 |                            |          |
|                      |            | 40 ML VOA                                      | 6                    |      | HCL                                           |                      |           |                 |                            |          |
|                      |            | 40 ML VOA                                      | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                 |                            |          |
|                      |            | 1 LITER AMBER                                  | 2                    |      | NEAT                                          |                      |           |                 |                            |          |
|                      |            | 500 ML AMBER                                   | 1                    |      | NEAT                                          |                      |           |                 |                            |          |
|                      |            | 250 ML PLASTIC                                 | 1                    |      | HNO <sub>3</sub>                              |                      |           |                 |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                        | 1                    |      | HNO <sub>3</sub>                              |                      |           |                 |                            |          |
|                      |            | 500 ML PLASTIC                                 | 1                    |      | NaOH                                          |                      |           |                 |                            |          |
| INSTRUMENTS USED     |            | WATER QUALITY METER                            |                      |      |                                               |                      |           |                 |                            |          |

COMPLETED BY:

SIGNATURE:

## MARATHON GALLUP REFINERY

4th QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |       |      |                          |                      |           |                |                            |          |
|----------------------|------------|-----------------|-------|------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKT-30               |            | Volumes         | TIME  | pH   | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mV) |
| GAUGE DATE           | 12/1/22    | Initial         | 16:00 | 7.36 | 13.2                     | 3.75                 | 2489.50   | 1.95           | 4.30                       | 250.2    |
| GAUGE TIME           |            | 1               | 16:10 | 7.38 | 13.8                     | 3.70                 | 2411.00   | 1.93           | 4.22                       | 233.6    |
| DHC (FEET)           | NA         | 2               |       |      |                          |                      |           |                |                            |          |
| DTW (FEET)           | 16.42      | 3               |       |      |                          |                      |           |                |                            |          |
| DTE (FEET)           | 23.23      | 4               |       |      |                          |                      |           |                |                            |          |
| DTE - DTW            | 6.81       | 5               |       |      |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4' | 6               |       |      |                          |                      |           |                |                            |          |
|                      | 0.163 - 2' |                 |       |      |                          |                      |           |                |                            |          |

## PURGING DATA

|                      |                  |                          |            |
|----------------------|------------------|--------------------------|------------|
| 3 WELL<br>VOLUMES    | 3.25             | WEATHER CONDITIONS:      | Cloudy     |
| PURGE DATE           | 12/1/22          | WATER APPEARANCE / ODOR: | Brownish   |
| END OF<br>PURGE TIME | <del>16:00</del> | COMMENTS:                | Purged Dry |
| PURGE<br>AMOUNT      | 1.50             |                          |            |
| DTW (FEET)           | DRY              |                          |            |

## SAMPLING DATA

|             |       |                          |          |
|-------------|-------|--------------------------|----------|
| SAMPLE DATE | 12/15 | WEATHER CONDITIONS:      | Cloudy   |
| DTW (FEET)  | 16.63 | WATER APPEARANCE / ODOR: | Brownish |
| SAMPLE TIME | 10:00 | COMMENTS:                |          |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

|                  |                     |
|------------------|---------------------|
| INSTRUMENTS USED | WATER QUALITY METER |
|------------------|---------------------|

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

4th QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |      |      |                          |                      |           |                |                            |          |
|----------------------|------------|-----------------|------|------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MLTF-31              |            | Volumes         | TIME | pH   | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22    | Initial         | 2:13 | 7.22 | 12.2                     | 2.09                 | 1358.50   | 1.07           | 2.39                       | 62.5     |
| GAUGE TIME           |            | 1               | 2:16 | 7.07 | 12.8                     | 2.16                 | 1404.00   | 1.11           | 1.93                       | 59.5     |
| DHC (FEET)           | NA         | 2               | 2:18 | 7.08 | 12.7                     | 2.14                 | 1144.33   | 1.01           | 1.99                       | 59.2     |
| DTW (FEET)           | 9.65       | 3               |      |      |                          |                      |           |                |                            |          |
| DTE (FEET)           | 19.38      | 4               |      |      |                          |                      |           |                |                            |          |
| DTE - DTW            |            | 5               |      |      |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6               |      |      |                          |                      |           |                |                            |          |
|                      | 0.163 - 2" |                 |      |      |                          |                      |           |                |                            |          |

## PURGING DATA

|                      |         |                          |                 |
|----------------------|---------|--------------------------|-----------------|
| 3 WELL<br>VOLUMES    | 4.75    | WEATHER CONDITIONS:      | Cloudy / Rain   |
| PURGE DATE           | 12/7/22 | WATER APPEARANCE / ODOR: | Brown / no odor |
| END OF<br>PURGE TIME | 2:18    | COMMENTS:                |                 |
| PURGE<br>AMOUNT      | 4.75    |                          |                 |
| DTW (FEET)           | 16.35   |                          |                 |

## SAMPLING DATA

|             |         |                          |                 |
|-------------|---------|--------------------------|-----------------|
| SAMPLE DATE | 12/8/22 | WEATHER CONDITIONS:      | Sunny           |
| DTW (FEET)  | 9.67    | WATER APPEARANCE / ODOR: | Clear / no odor |
| SAMPLE TIME | 10:15   | COMMENTS:                |                 |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED WATER QUALITY METER

COMPLETED BY:

SIGNATURE:

## MARATHON GALLUP REFINERY

44 ~~FIRST~~ QUARTER 2022

| WELL ID              |                         | TEST PARAMETERS                                |                                               |      |                          |                      |           |                |                            |          |
|----------------------|-------------------------|------------------------------------------------|-----------------------------------------------|------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTF-32              |                         | Volumes                                        | TIME                                          | pH   | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22                 | Initial                                        | 11:30                                         | 7.16 | 16.4                     | 2.20                 | 1366.50   | 1.12           | 1.77                       | 15.2     |
| GAUGE TIME           |                         | 1                                              | 11:35                                         | 7.16 | 17.1                     | 2.19                 | 1344.00   | 1.11           | 1.69                       | 14.5     |
| DHC (FEET)           | NA                      | 2                                              | 11:40                                         | 7.18 | 17.2                     | 2.20                 | 1378.50   | 1.12           | 1.64                       | 13.5     |
| DTW (FEET)           | 9.81                    | 3                                              |                                               |      |                          |                      |           |                |                            |          |
| DTE (FEET)           | 19.46                   | 4                                              |                                               |      |                          |                      |           |                |                            |          |
| DTB - DTW            |                         | 5                                              |                                               |      |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4"              | 6                                              |                                               |      |                          |                      |           |                |                            |          |
|                      | 0.163 - 2"              |                                                |                                               |      |                          |                      |           |                |                            |          |
| PURGING DATA         |                         |                                                |                                               |      |                          |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    | 4.75                    | WEATHER CONDITIONS:<br>Cloudy                  |                                               |      |                          |                      |           |                |                            |          |
| PURGE DATE           | 12/8/22                 | WATER APPEARANCE / ODOR:<br>Brownish / No odor |                                               |      |                          |                      |           |                |                            |          |
| END OF<br>PURGE TIME | 11:40                   | COMMENTS:                                      |                                               |      |                          |                      |           |                |                            |          |
| PURGE<br>AMOUNT      | 4.75                    |                                                |                                               |      |                          |                      |           |                |                            |          |
| DTW (FEET)           | 10.15                   |                                                |                                               |      |                          |                      |           |                |                            |          |
| SAMPLING DATA        |                         |                                                |                                               |      |                          |                      |           |                |                            |          |
| SAMPLE DATE          | 12/29/22                | WEATHER CONDITIONS:<br>Sunny                   |                                               |      |                          |                      |           |                |                            |          |
| DTW (FEET)           | 9.90                    | WATER APPEARANCE / ODOR:<br>Brownish No Odor   |                                               |      |                          |                      |           |                |                            |          |
| SAMPLE TIME          | 12:50                   | COMMENTS:                                      |                                               |      |                          |                      |           |                |                            |          |
| SAMPLE LOG           |                         |                                                |                                               |      |                          |                      |           |                |                            |          |
| SAMPLE ID            | CONTAINER TYPE          | NUMBER OF CONTAINERS                           | PRESERVATIVE                                  |      |                          |                      |           |                |                            |          |
|                      | 40 ML VOA               | 6                                              | HCL                                           |      |                          |                      |           |                |                            |          |
|                      | 40 ML VOA               | 2                                              | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |      |                          |                      |           |                |                            |          |
|                      | 1 LITER AMBER           | 2                                              | NEAT                                          |      |                          |                      |           |                |                            |          |
|                      | 500 ML AMBER            | 1                                              | NEAT                                          |      |                          |                      |           |                |                            |          |
|                      | 250 ML PLASTIC          | 1                                              | HNO <sub>3</sub>                              |      |                          |                      |           |                |                            |          |
|                      | 125 ML PLASTIC FILTERED | 1                                              | HNO <sub>3</sub>                              |      |                          |                      |           |                |                            |          |
|                      | 500 ML PLASTIC          | 1                                              | NaOH                                          |      |                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |                         | WATER QUALITY METER                            |                                               |      |                          |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



## MARATHON GALLUP REFINERY

4/19 FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS          |                      |    |                                               |                      |           |                |                            |          |
|----------------------|------------|--------------------------|----------------------|----|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MK7F-33              |            | Volumes                  | TIME                 | pH | Temperature<br>Degrees C                      | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/27    | Initial                  |                      |    |                                               |                      |           |                |                            |          |
| GAUGE TIME           |            | 1                        |                      |    |                                               |                      |           |                |                            |          |
| DHC (FEET)           | 23.48      | 2                        |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 23.55      | 3                        |                      |    |                                               |                      |           |                |                            |          |
| DTE (FEET)           |            | 4                        |                      |    |                                               |                      |           |                |                            |          |
| DTE - DTW            |            | 5                        |                      |    |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                        |                      |    |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                          |                      |    |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                          |                      |    |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:      |                      |    |                                               |                      |           |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR: |                      |    |                                               |                      |           |                |                            |          |
| END OF<br>PURGE TIME |            | COMMENTS:                |                      |    |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      |            |                          |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |            |                          |                      |    |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                          |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:      |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR: |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE TIME          |            | COMMENTS: HAS Product    |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                          |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE           | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                      |           |                |                            |          |
|                      |            | 40 ML VOA                | 6                    |    | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER            | 2                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER             | 1                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC           | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED  | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC           | 1                    |    | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | WATER QUALITY METER      |                      |    |                                               |                      |           |                |                            |          |

COMPLETED BY:

SIGNATURE:

## MARATHON GALLUP REFINERY

4th ~~THIRD~~ QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |      |    |                          |                      |           |                |                            |          |
|----------------------|------------|-----------------|------|----|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTF-34              |            | Volumes         | TIME | pH | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22    | Initial         |      |    |                          |                      |           |                |                            |          |
| GAUGE TIME           |            | 1               |      |    |                          |                      |           |                |                            |          |
| DHC (FEET)           | 18.75      | 2               |      |    |                          |                      |           |                |                            |          |
| DTW (FEET)           | 18.82      | 3               |      |    |                          |                      |           |                |                            |          |
| DTE (FEET)           |            | 4               |      |    |                          |                      |           |                |                            |          |
| DTE - DTW            |            | 5               |      |    |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4' | 6               |      |    |                          |                      |           |                |                            |          |
|                      | 0.163 - 2' |                 |      |    |                          |                      |           |                |                            |          |

## PURGING DATA

|                      |  |                          |
|----------------------|--|--------------------------|
| 3 WELL<br>VOLUMES    |  | WEATHER CONDITIONS:      |
| PURGE DATE           |  | WATER APPEARANCE / ODOR: |
| END OF<br>PURGE TIME |  | COMMENTS:                |
| PURGE<br>AMOUNT      |  |                          |
| DTW (FEET)           |  |                          |

## SAMPLING DATA

|             |  |                          |
|-------------|--|--------------------------|
| SAMPLE DATE |  | WEATHER CONDITIONS:      |
| DTW (FEET)  |  | WATER APPEARANCE / ODOR: |
| SAMPLE TIME |  | COMMENTS: HAS Product    |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

|                  |                     |
|------------------|---------------------|
| INSTRUMENTS USED | WATER QUALITY METER |
|------------------|---------------------|

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



## MARATHON GALLUP REFINERY

9th ~~EST~~ QUARTER 2022

| WELL ID              |            | TEST PARAMETERS          |                      |    |                                               |                      |           |                |                            |          |
|----------------------|------------|--------------------------|----------------------|----|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTF-35              |            | Volumes                  | TIME                 | pH | Temperature<br>Degrees C                      | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mV) |
| GAUGE DATE           | 12/1/22    | Initial                  |                      |    |                                               |                      |           |                |                            |          |
| GAUGE TIME           |            | 1                        |                      |    |                                               |                      |           |                |                            |          |
| DHC (FEET)           | 10.01      | 2                        |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 10.05      | 3                        |                      |    |                                               |                      |           |                |                            |          |
| DTE (FEET)           |            | 4                        |                      |    |                                               |                      |           |                |                            |          |
| DTB - DTW            |            | 5                        |                      |    |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                        |                      |    |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                          |                      |    |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                          |                      |    |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    |            | WEATHER CONDITIONS:      |                      |    |                                               |                      |           |                |                            |          |
| PURGE DATE           |            | WATER APPEARANCE / ODOR: |                      |    |                                               |                      |           |                |                            |          |
| END OF<br>PURGE TIME |            | COMMENTS:                |                      |    |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      |            |                          |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |            |                          |                      |    |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                          |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE DATE          |            | WEATHER CONDITIONS:      |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |            | WATER APPEARANCE / ODOR: |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE TIME          |            | COMMENTS: HAD Product    |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                          |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE           | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                      |           |                |                            |          |
|                      |            | 40 ML VOA                | 6                    |    | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER            | 2                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER             | 1                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC           | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED  | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC           | 1                    |    | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | WATER QUALITY METER      |                      |    |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

MARATHON GALLUP REFINERY

Q4 4th QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |      |    |                          |                      |           |                |                            |          |
|----------------------|------------|-----------------|------|----|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTF-36              |            | Volumes         | TIME | pH | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22    | Initial         |      |    |                          |                      |           |                |                            |          |
| GAUGE TIME           |            | 1               |      |    |                          |                      |           |                |                            |          |
| DHC (FEET)           | 8.40       | 2               |      |    |                          |                      |           |                |                            |          |
| DTW (FEET)           | 8.48       | 3               |      |    |                          |                      |           |                |                            |          |
| DTE (FEET)           |            | 4               |      |    |                          |                      |           |                |                            |          |
| DTB - DTW            |            | 5               |      |    |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6               |      |    |                          |                      |           |                |                            |          |
|                      | 0.163 - 2" |                 |      |    |                          |                      |           |                |                            |          |

PURGING DATA

|                      |  |                          |  |
|----------------------|--|--------------------------|--|
| 3 WELL<br>VOLUMES    |  | WEATHER CONDITIONS:      |  |
| PURGE DATE           |  | WATER APPEARANCE / ODOR: |  |
| END OF<br>PURGE TIME |  | COMMENTS:                |  |
| PURGE<br>AMOUNT      |  |                          |  |
| DTW (FEET)           |  |                          |  |

SAMPLING DATA

|             |  |                          |             |
|-------------|--|--------------------------|-------------|
| SAMPLE DATE |  | WEATHER CONDITIONS:      |             |
| DTW (FEET)  |  | WATER APPEARANCE / ODOR: |             |
| SAMPLE TIME |  | COMMENTS:                | HAS Product |

SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

|                  |                     |
|------------------|---------------------|
| INSTRUMENTS USED | WATER QUALITY METER |
|------------------|---------------------|

COMPLETED BY:

SIGNATURE:

MARATHON GALLUP REFINERY

4th ~~3rd~~ QUARTER 2022

| WELL ID              |           | TEST PARAMETERS |      |    |                          |                      |           |                |                            |          |
|----------------------|-----------|-----------------|------|----|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MkTF-37              |           | Volumes         | TIME | pH | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22   | Initial         |      |    |                          |                      |           |                |                            |          |
| GAUGE TIME           |           | 1               |      |    |                          |                      |           |                |                            |          |
| DHC (FEET)           | 16.60     | 2               |      |    |                          |                      |           |                |                            |          |
| DTW (FEET)           | 16.64     | 3               |      |    |                          |                      |           |                |                            |          |
| DTE (FEET)           |           | 4               |      |    |                          |                      |           |                |                            |          |
| DTE - DTW            |           | 5               |      |    |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4 | 6               |      |    |                          |                      |           |                |                            |          |
|                      | 0.163 - 2 |                 |      |    |                          |                      |           |                |                            |          |

PURGING DATA

|                      |                          |
|----------------------|--------------------------|
| 3 WELL<br>VOLUMES    | WEATHER CONDITIONS:      |
| PURGE DATE           | WATER APPEARANCE / ODOR: |
| END OF<br>PURGE TIME | COMMENTS:                |
| PURGE<br>AMOUNT      |                          |
| DTW (FEET)           |                          |

SAMPLING DATA

|             |                          |
|-------------|--------------------------|
| SAMPLE DATE | WEATHER CONDITIONS:      |
| DTW (FEET)  | WATER APPEARANCE / ODOR: |
| SAMPLE TIME | COMMENTS:<br>HAS Product |

SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

|                  |                     |
|------------------|---------------------|
| INSTRUMENTS USED | WATER QUALITY METER |
|------------------|---------------------|

COMPLETED BY:

SIGNATURE:

## MARATHON GALLUP REFINERY

11/16 ~~FIRST~~ QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                                                     |                      |      |                                               |                      |           |                |                            |          |
|----------------------|------------|---------------------------------------------------------------------|----------------------|------|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MK7E-38              |            | Volumes                                                             | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22    | Initial                                                             | 10:00                | 6.97 | 13.4                                          | 2.46                 | 1599.00   | 1.27           | 1.69                       | 24.3     |
| GAUGE TIME           |            | 1                                                                   | 10:15                | 6.91 | 13.6                                          | 2.50                 | 1625.00   | 1.70           | 1.46                       | 28.4     |
| DHC (FEET)           | NA         | 2                                                                   |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 16.32      | 3                                                                   |                      |      |                                               |                      |           |                |                            |          |
| DTE (FEET)           | 20.30      | 4                                                                   |                      |      |                                               |                      |           |                |                            |          |
| DTB - DTW            | 9.98       | 5                                                                   |                      |      |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                                                   |                      |      |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                                                                     |                      |      |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                                                                     |                      |      |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    | 5          | WEATHER CONDITIONS:<br>Cloudy                                       |                      |      |                                               |                      |           |                |                            |          |
| PURGE DATE           | 12/5/22    | WATER APPEARANCE / ODOR:<br>Grayish / with look like bugs / 11/6000 |                      |      |                                               |                      |           |                |                            |          |
| END OF<br>PURGE TIME | -          | COMMENTS:<br>Purged Dry                                             |                      |      |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      | 1.50       |                                                                     |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | DRY        |                                                                     |                      |      |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                                                                     |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE DATE          | 10/6/22    | WEATHER CONDITIONS:<br>Cloudy                                       |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 16.46      | WATER APPEARANCE / ODOR:<br>Grayish / still has little white bugs   |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE TIME          | 16:00      | COMMENTS:                                                           |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                                                                     |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                                                      | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                      |           |                |                            |          |
|                      |            | 40 ML VOA                                                           | 6                    |      | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                                                           | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER                                                       | 2                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                                                        | 1                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC                                                      | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                                             | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC                                                      | 1                    |      | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | WATER QUALITY METER                                                 |                      |      |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



MARATHON GALLUP REFINERY

4th FIRST QUARTER 2022

| WELL ID              |           | TEST PARAMETERS |      |    |                          |                      |           |                |                            |          |
|----------------------|-----------|-----------------|------|----|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTG-39              |           | Volumes         | TIME | pH | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22   | Initial         |      |    |                          |                      |           |                |                            |          |
| GAUGE TIME           |           | 1               |      |    |                          |                      |           |                |                            |          |
| DHC (FEET)           | 16.52     | 2               |      |    |                          |                      |           |                |                            |          |
| DTW (FEET)           | 10.67     | 3               |      |    |                          |                      |           |                |                            |          |
| DYE (FEET)           |           | 4               |      |    |                          |                      |           |                |                            |          |
| DTB - DTW            |           | 5               |      |    |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4 | 6               |      |    |                          |                      |           |                |                            |          |
|                      | 0.163 - 2 |                 |      |    |                          |                      |           |                |                            |          |

PURGING DATA

|                      |  |                          |
|----------------------|--|--------------------------|
| 3 WELL<br>VOLUMES    |  | WEATHER CONDITIONS:      |
| PURGE DATE           |  | WATER APPEARANCE / ODOR: |
| END OF<br>PURGE TIME |  | COMMENTS:                |
| PURGE<br>AMOUNT      |  |                          |
| DTW (FEET)           |  |                          |

SAMPLING DATA

|             |  |                          |
|-------------|--|--------------------------|
| SAMPLE DATE |  | WEATHER CONDITIONS:      |
| DTW (FEET)  |  | WATER APPEARANCE / ODOR: |
| SAMPLE TIME |  | COMMENTS:                |

SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

|                  |                     |
|------------------|---------------------|
| INSTRUMENTS USED | WATER QUALITY METER |
|------------------|---------------------|

COMPLETED BY:

SIGNATURE:

## MARATHON GALLUP REFINERY

4th ~~1st~~ QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |      |      |                          |                      |           |                |                            |          |
|----------------------|------------|-----------------|------|------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTF-40              |            | Volumes         | TIME | pH   | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22    | Initial         | 1:55 | 6.96 | 13.5                     | 9.98                 | 64.93     | 5.66           | 2.74                       | 29.3     |
| GAUGE TIME           |            | 1               | 1:59 | 6.84 | 14.5                     | 8.85                 | 45.90     | 5.49           | 2.47                       | 38.9     |
| DHC (FEET)           | NA         | 2               | 2:05 | 14.5 | 16.83                    | 10.06                | 65.50     | 5.71           | 2.44                       | 47.9     |
| DTW (FEET)           | 14.21      | 3               |      |      |                          |                      |           |                |                            |          |
| DTE (FEET)           | 23.65      | 4               |      |      |                          |                      |           |                |                            |          |
| DTB - DTW            |            | 5               |      |      |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6               |      |      |                          |                      |           |                |                            |          |
|                      | 0.163 - 2" |                 |      |      |                          |                      |           |                |                            |          |

## PURGING DATA

|                      |         |                          |                 |
|----------------------|---------|--------------------------|-----------------|
| 3 WELL<br>VOLUMES    | 4.5     | WEATHER CONDITIONS:      | Cloudy / Rain   |
| PURGE DATE           | 12/7/22 | WATER APPEARANCE / ODOR: | Clear / NO odor |
| END OF<br>PURGE TIME | 2:05    | COMMENTS:                |                 |
| PURGE<br>AMOUNT      | 4.5     |                          |                 |
| DTW (FEET)           | 23.45   |                          |                 |

## SAMPLING DATA

|             |         |                          |                 |
|-------------|---------|--------------------------|-----------------|
| SAMPLE DATE | 12/8/22 | WEATHER CONDITIONS:      | Sunny           |
| DTW (FEET)  | 19.15   | WATER APPEARANCE / ODOR: | Clear / NO odor |
| SAMPLE TIME | 9:50    | COMMENTS:                |                 |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

|                  |                     |
|------------------|---------------------|
| INSTRUMENTS USED | WATER QUALITY METER |
|------------------|---------------------|

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



## MARATHON GALLUP REFINERY

476 ~~115~~ 1ST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |      |      |                          |                      |           |                |                            |          |
|----------------------|------------|-----------------|------|------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MK715.41             |            | Volumes         | TIME | pH   | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22    | Initial         | 2:15 | 7.48 | 16.3                     | 2.67                 | 1655.50   | 1.38           | 0.98                       | 8.9      |
| GAUGE TIME           |            | 1               | 2:20 | 7.82 | 13.2                     | 2.64                 | 1678.00   | 1.40           | 1.61                       | 8.5      |
| DHC (FEET)           | NA         | 2               | 2:25 | 7.90 | 13.5                     | 2.70                 | 1650.80   | 1.78           | 1.10                       | 8.9      |
| DTW (FEET)           | 21.19      | 3               |      |      |                          |                      |           |                |                            |          |
| DTE (FEET)           | 39.75      | 4               |      |      |                          |                      |           |                |                            |          |
| DTE - DTW            | 18.57      | 5               |      |      |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.853 - 4" | 6               |      |      |                          |                      |           |                |                            |          |
|                      | 0.163 - 2" |                 |      |      |                          |                      |           |                |                            |          |

## PURGING DATA

|                      |          |                          |               |
|----------------------|----------|--------------------------|---------------|
| 3 WELL<br>VOLUMES    | 9        | WEATHER CONDITIONS:      | Cloudy        |
| PURGE DATE           | 12/28/22 | WATER APPEARANCE / ODOR: | Clear/NO odor |
| END OF<br>PURGE TIME | 2:25     | COMMENTS:                |               |
| PURGE<br>AMOUNT      | 9        |                          |               |
| DTW (FEET)           | 34.85    |                          |               |

## SAMPLING DATA

|             |          |                          |               |
|-------------|----------|--------------------------|---------------|
| SAMPLE DATE | 12/29/22 | WEATHER CONDITIONS:      | Cloudy        |
| DTW (FEET)  | 22.55    | WATER APPEARANCE / ODOR: | Clear/NO odor |
| SAMPLE TIME | 12:35    | COMMENTS:                |               |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED WATER QUALITY METER

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

Q4 2021 4TH QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |      |    |                          |                      |           |                |                            |          |
|----------------------|------------|-----------------|------|----|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKT-042              |            | Volumes         | TIME | pH | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/27    | Initial         |      |    |                          |                      |           |                |                            |          |
| GAUGE TIME           |            | 1               |      |    |                          |                      |           |                |                            |          |
| DHC (FEET)           | 16.89      | 2               |      |    |                          |                      |           |                |                            |          |
| DTW (FEET)           | 17.20      | 3               |      |    |                          |                      |           |                |                            |          |
| DTB (FEET)           |            | 4               |      |    |                          |                      |           |                |                            |          |
| DTB - DTW            |            | 5               |      |    |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6               |      |    |                          |                      |           |                |                            |          |
|                      | 0.163 - 2" |                 |      |    |                          |                      |           |                |                            |          |

## PURGING DATA

|                      |  |                          |
|----------------------|--|--------------------------|
| 3 WELL<br>VOLUMES    |  | WEATHER CONDITIONS:      |
| PURGE DATE           |  | WATER APPEARANCE / ODOR: |
| END OF<br>PURGE TIME |  | COMMENTS:                |
| PURGE<br>AMOUNT      |  |                          |
| DTW (FEET)           |  |                          |

## SAMPLING DATA

|             |  |                          |
|-------------|--|--------------------------|
| SAMPLE DATE |  | WEATHER CONDITIONS:      |
| DTW (FEET)  |  | WATER APPEARANCE / ODOR: |
| SAMPLE TIME |  | COMMENTS: HAS Product    |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED WATER QUALITY METER

COMPLETED BY:

SIGNATURE:

## MARATHON GALLUP REFINERY

4th QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |      |      |                          |                      |           |                |                            |          |
|----------------------|------------|-----------------|------|------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| M67F-43              |            | Volumes         | TIME | pH   | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22    | Initial         | 3:25 | 6.32 | 16.2                     | 48.5                 | 2425.5    | 24.3           | 1.30                       | 65.2     |
| GAUGE TIME           |            | 1               | 3:30 | 6.45 | 16.8                     | 47.2                 | 2548.5    | 26.5           | 1.15                       | 48.5     |
| DHC (FEET)           | NA         | 2               |      |      |                          |                      |           |                |                            |          |
| DTW (FEET)           | 8.16       | 3               |      |      |                          |                      |           |                |                            |          |
| DTE (FEET)           | 16.95      | 4               |      |      |                          |                      |           |                |                            |          |
| DTE - DTW            | 8.85       | 5               |      |      |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6               |      |      |                          |                      |           |                |                            |          |
|                      | 0.163 - 2" |                 |      |      |                          |                      |           |                |                            |          |

## PURGING DATA

|                      |         |                          |               |
|----------------------|---------|--------------------------|---------------|
| 3 WELL<br>VOLUMES    | 4.5     | WEATHER CONDITIONS:      | Cloudy        |
| PURGE DATE           | 12/2/22 | WATER APPEARANCE / ODOR: | clear/no odor |
| END OF<br>PURGE TIME | 3:35    | COMMENTS:                |               |
| PURGE<br>AMOUNT      | 4.5     |                          |               |
| DTW (FEET)           | 11.70   |                          |               |

## SAMPLING DATA

|             |         |                          |               |
|-------------|---------|--------------------------|---------------|
| SAMPLE DATE | 12/2/22 | WEATHER CONDITIONS:      | clear/no odor |
| DTW (FEET)  | 8.78    | WATER APPEARANCE / ODOR: | Cloudy        |
| SAMPLE TIME | 17:00   | COMMENTS:                |               |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED WATER QUALITY METER

COMPLETED BY:

SIGNATURE:

## MARATHON GALLUP REFINERY

4/16 ~~1ST~~ QUARTER 2022

| WELL ID              |            | TEST PARAMETERS                             |                      |      |                                               |                      |           |                |                            |          |
|----------------------|------------|---------------------------------------------|----------------------|------|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MR7F-44              |            | Volumes                                     | TIME                 | pH   | Temperature<br>Degrees C                      | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22    | Initial                                     | 11:00                | 8.18 | 15.2                                          | 1.70                 | 1125.50   | 6.82           | 3.27                       | 62.5     |
| GAUGE TIME           |            | 1                                           | 11:10                | 8.20 | 15.0                                          | 1.68                 | 1155.50   | 6.88           | 3.33                       | 68.7     |
| DHC (FEET)           | NA         | 2                                           |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 36.52      | 3                                           |                      |      |                                               |                      |           |                |                            |          |
| DTE (FEET)           | 51.20      | 4                                           |                      |      |                                               |                      |           |                |                            |          |
| DTE - DTW            | 14.68      | 5                                           |                      |      |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6                                           |                      |      |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2" |                                             |                      |      |                                               |                      |           |                |                            |          |
| PURGING DATA         |            |                                             |                      |      |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    | 7.25       | WEATHER CONDITIONS: Cloudy                  |                      |      |                                               |                      |           |                |                            |          |
| PURGE DATE           | 12/21/22   | WATER APPEARANCE / ODOR: Brown / no odor    |                      |      |                                               |                      |           |                |                            |          |
| END OF<br>PURGE TIME |            | COMMENTS: Purged Dry                        |                      |      |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      | 6.00       |                                             |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | DRY        |                                             |                      |      |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |            |                                             |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE DATE          | 12/22/22   | WEATHER CONDITIONS: Cloudy                  |                      |      |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 33.78      | WATER APPEARANCE / ODOR: Brownish / no odor |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE TIME          | 11:00      | COMMENTS:                                   |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |            |                                             |                      |      |                                               |                      |           |                |                            |          |
| SAMPLE ID            |            | CONTAINER TYPE                              | NUMBER OF CONTAINERS |      | PRESERVATIVE                                  |                      |           |                |                            |          |
|                      |            | 40 ML VOA                                   | 6                    |      | HCL                                           |                      |           |                |                            |          |
|                      |            | 40 ML VOA                                   | 2                    |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |            | 1 LITER AMBER                               | 2                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 500 ML AMBER                                | 1                    |      | NEAT                                          |                      |           |                |                            |          |
|                      |            | 250 ML PLASTIC                              | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 125 ML PLASTIC FILTERED                     | 1                    |      | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |            | 500 ML PLASTIC                              | 1                    |      | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |            | WATER QUALITY METER                         |                      |      |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



MARATHON GALLUP REFINERY

4/16 FIRST QUARTER 2022

| WELL ID              |           | TEST PARAMETERS |      |    |                          |                      |           |                |                            |          |
|----------------------|-----------|-----------------|------|----|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MGT-415              |           | Volumes         | TIME | pH | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/72   | Initial         |      |    |                          |                      |           |                |                            |          |
| GAUGE TIME           |           | 1               |      |    |                          |                      |           |                |                            |          |
| DHC (FEET)           | 15.61     | 2               |      |    |                          |                      |           |                |                            |          |
| DTW (FEET)           | 15.11     | 3               |      |    |                          |                      |           |                |                            |          |
| DTE (FEET)           |           | 4               |      |    |                          |                      |           |                |                            |          |
| DTE - DTW            |           | 5               |      |    |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.853 - 4 | 6               |      |    |                          |                      |           |                |                            |          |
|                      | 0.163 - 2 |                 |      |    |                          |                      |           |                |                            |          |

PURGING DATA

|                      |                          |
|----------------------|--------------------------|
| 3 WELL<br>VOLUMES    | WEATHER CONDITIONS:      |
| PURGE DATE           | WATER APPEARANCE / ODOR: |
| END OF<br>PURGE TIME | COMMENTS:                |
| PURGE<br>AMOUNT      |                          |
| DTW (FEET)           |                          |

SAMPLING DATA

|             |                          |
|-------------|--------------------------|
| SAMPLE DATE | WEATHER CONDITIONS:      |
| DTW (FEET)  | WATER APPEARANCE / ODOR: |
| SAMPLE TIME | COMMENTS:                |

SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED WATER QUALITY METER

COMPLETED BY:

SIGNATURE:

**MARATHON GALLUP REFINERY**  
**9th QUARTER 2022**

| WELL ID              |            | TEST PARAMETERS |       |      |                          |                      |           |                |                            |          |
|----------------------|------------|-----------------|-------|------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| <b>MKT-46</b>        |            | Volumes         | TIME  | pH   | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           |            | Initial         | 11:36 | 6.90 | 15.1                     | 1.97                 | 1286.50   | 1.01           | 2.28                       | 15.6     |
| GAUGE TIME           |            | 1               | 11:39 | 6.84 | 13.4                     | 1.95                 | 1285.50   | 1.01           | 2.92                       | 18.6     |
| DHC (FEET)           | NA         | 2               | 11:44 | 6.86 | 12.9                     | 1.95                 | 1267.80   | 1.02           | 2.67                       | 18.9     |
| DTW (FEET)           | 17.26      | 3               |       |      |                          |                      |           |                |                            |          |
| DTE (FEET)           | 21.80      | 4               |       |      |                          |                      |           |                |                            |          |
| DTE - DTW            | 9.6        | 5               |       |      |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6               |       |      |                          |                      |           |                |                            |          |
|                      | 0.163 - 2" |                 |       |      |                          |                      |           |                |                            |          |

| PURGING DATA         |         |
|----------------------|---------|
| 3 WELL<br>VOLUMES    | 4.70    |
| PURGE DATE           | 12/3/22 |
| END OF<br>PURGE TIME | 11:45   |
| PURGE<br>AMOUNT      | 4.75    |
| DTW (FEET)           | 17.03   |

WEATHER CONDITIONS: *Cloudy, windy*  
 WATER APPEARANCE / ODOR: *Clear / No odor*  
 COMMENTS:

| SAMPLING DATA |         |
|---------------|---------|
| SAMPLE DATE   | 12/6/22 |
| DTW (FEET)    | 17.95   |
| SAMPLE TIME   | 9:26    |

WEATHER CONDITIONS: *Cloudy*  
 WATER APPEARANCE / ODOR: *Clear*  
 COMMENTS:

| SAMPLE LOG |                         |                      |                                               |
|------------|-------------------------|----------------------|-----------------------------------------------|
| SAMPLE ID  | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|            | 40 ML VOA               | 6                    | HCL                                           |
|            | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|            | 1 LITER AMBER           | 2                    | NEAT                                          |
|            | 500 ML AMBER            | 1                    | NEAT                                          |
|            | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|            | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|            | 500 ML PLASTIC          | 1                    | NaOH                                          |

|                  |                     |
|------------------|---------------------|
| INSTRUMENTS USED | WATER QUALITY METER |
|------------------|---------------------|

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



## MARATHON GALLUP REFINERY

4/16 ~~FIRST~~ QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |      |    |                          |                      |           |                |                            |          |
|----------------------|------------|-----------------|------|----|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MK7F-47              |            | Volumes         | TIME | pH | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22    | Initial         |      |    |                          |                      |           |                |                            |          |
| GAUGE TIME           |            | 1               |      |    |                          |                      |           |                |                            |          |
| DHC (FEET)           | 11.16      | 2               |      |    |                          |                      |           |                |                            |          |
| DTW (FEET)           | 11.25      | 3               |      |    |                          |                      |           |                |                            |          |
| DTB (FEET)           |            | 4               |      |    |                          |                      |           |                |                            |          |
| DTB - DTW            |            | 5               |      |    |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6               |      |    |                          |                      |           |                |                            |          |
|                      | 0.163 - 2" |                 |      |    |                          |                      |           |                |                            |          |

## PURGING DATA

|                      |                          |
|----------------------|--------------------------|
| 3 WELL<br>VOLUMES    | WEATHER CONDITIONS:      |
| PURGE DATE           | WATER APPEARANCE / ODOR: |
| END OF<br>PURGE TIME | COMMENTS:                |
| PURGE<br>AMOUNT      |                          |
| DTW (FEET)           |                          |

## SAMPLING DATA

|             |                          |
|-------------|--------------------------|
| SAMPLE DATE | WEATHER CONDITIONS:      |
| DTW (FEET)  | WATER APPEARANCE / ODOR: |
| SAMPLE TIME | COMMENTS: HAS Problem    |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED WATER QUALITY METER

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

MARATHON GALLUP REFINERY

*4/16* ~~1st~~ QUARTER 2022

| WELL ID              |                | TEST PARAMETERS |      |    |                          |                      |           |                |                            |          |
|----------------------|----------------|-----------------|------|----|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| <i>MKT-48</i>        |                | Volumes         | TIME | pH | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | <i>12/1/22</i> | Initial         |      |    |                          |                      |           |                |                            |          |
| GAUGE TIME           |                | 1               |      |    |                          |                      |           |                |                            |          |
| DHC (FEET)           | <i>14.00</i>   | 2               |      |    |                          |                      |           |                |                            |          |
| DTW (FEET)           | <i>14.64</i>   | 3               |      |    |                          |                      |           |                |                            |          |
| DTE (FEET)           |                | 4               |      |    |                          |                      |           |                |                            |          |
| DTE - DTW            |                | 5               |      |    |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4"     | 6               |      |    |                          |                      |           |                |                            |          |
|                      | 0.163 - 2"     |                 |      |    |                          |                      |           |                |                            |          |

PURGING DATA

|                      |  |                          |
|----------------------|--|--------------------------|
| 3 WELL<br>VOLUMES    |  | WEATHER CONDITIONS:      |
| PURGE DATE           |  | WATER APPEARANCE / ODOR: |
| END OF<br>PURGE TIME |  | COMMENTS:                |
| PURGE<br>AMOUNT      |  |                          |
| DTW (FEET)           |  |                          |

SAMPLING DATA

|             |  |                          |
|-------------|--|--------------------------|
| SAMPLE DATE |  | WEATHER CONDITIONS:      |
| DTW (FEET)  |  | WATER APPEARANCE / ODOR: |
| SAMPLE TIME |  | COMMENTS:                |

SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED WATER QUALITY METER

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

MARATHON GALLUP REFINERY

4/6 FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |      |    |                          |                      |           |                |                            |          |
|----------------------|------------|-----------------|------|----|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTF-49              |            | Volumes         | TIME | pH | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22    | Initial         |      |    |                          |                      |           |                |                            |          |
| GAUGE TIME           |            | 1               |      |    |                          |                      |           |                |                            |          |
| DHC (FEET)           | 21.34      | 2               |      |    |                          |                      |           |                |                            |          |
| DTW (FEET)           | 22.49      | 3               |      |    |                          |                      |           |                |                            |          |
| DTE (FEET)           |            | 4               |      |    |                          |                      |           |                |                            |          |
| DTE - DTW            |            | 5               |      |    |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4' | 6               |      |    |                          |                      |           |                |                            |          |
|                      | 0.163 - 2' |                 |      |    |                          |                      |           |                |                            |          |

PURGING DATA

|                      |  |                          |
|----------------------|--|--------------------------|
| 3 WELL<br>VOLUMES    |  | WEATHER CONDITIONS:      |
| PURGE DATE           |  | WATER APPEARANCE / ODOR: |
| END OF<br>PURGE TIME |  | COMMENTS:                |
| PURGE<br>AMOUNT      |  |                          |
| DTW (FEET)           |  |                          |

SAMPLING DATA

|             |  |                          |
|-------------|--|--------------------------|
| SAMPLE DATE |  | WEATHER CONDITIONS:      |
| DTW (FEET)  |  | WATER APPEARANCE / ODOR: |
| SAMPLE TIME |  | COMMENTS: HOS Product    |

SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

|                  |                     |
|------------------|---------------------|
| INSTRUMENTS USED | WATER QUALITY METER |
|------------------|---------------------|

COMPLETED BY:

SIGNATURE:

## MARATHON GALLUP REFINERY

4/11/23 ~~1ST~~ QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |      |    |                          |                      |           |                |                            |          |
|----------------------|------------|-----------------|------|----|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| MKTF-50              |            | Volumes         | TIME | pH | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 1/11/23    | Initial         |      |    |                          |                      |           |                |                            |          |
| GAUGE TIME           |            | 1               |      |    |                          |                      |           |                |                            |          |
| DHC (FEET)           | 16.419     | 2               |      |    |                          |                      |           |                |                            |          |
| DTW (FEET)           | 17.416     | 3               |      |    |                          |                      |           |                |                            |          |
| DTE (FEET)           |            | 4               |      |    |                          |                      |           |                |                            |          |
| DTE - DTW            |            | 5               |      |    |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4' | 6               |      |    |                          |                      |           |                |                            |          |
|                      | 0.163 - 2' |                 |      |    |                          |                      |           |                |                            |          |

## PURGING DATA

|                      |  |                          |
|----------------------|--|--------------------------|
| 3 WELL<br>VOLUMES    |  | WEATHER CONDITIONS:      |
| PURGE DATE           |  | WATER APPEARANCE / ODOR: |
| END OF<br>PURGE TIME |  | COMMENTS:                |
| PURGE<br>AMOUNT      |  |                          |
| DTW (FEET)           |  |                          |

## SAMPLING DATA

|             |  |                          |
|-------------|--|--------------------------|
| SAMPLE DATE |  | WEATHER CONDITIONS:      |
| DTW (FEET)  |  | WATER APPEARANCE / ODOR: |
| SAMPLE TIME |  | COMMENTS: HAS Product    |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

|                  |                     |
|------------------|---------------------|
| INSTRUMENTS USED | WATER QUALITY METER |
|------------------|---------------------|

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



## MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |           | TEST PARAMETERS |      |    |                          |                      |           |                |                            |          |
|----------------------|-----------|-----------------|------|----|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| BW-1                 |           | Volumes         | TIME | pH | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22   | Initial         |      |    |                          |                      |           |                |                            |          |
| GAUGE TIME           |           | 1               |      |    |                          |                      |           |                |                            |          |
| DHC (FEET)           | 31.67     | 2               |      |    |                          |                      |           |                |                            |          |
| DTW (FEET)           | 31.89     | 3               |      |    |                          |                      |           |                |                            |          |
| DTE (FEET)           |           | 4               |      |    |                          |                      |           |                |                            |          |
| DTB - DTW            |           | 5               |      |    |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4 | 6               |      |    |                          |                      |           |                |                            |          |
|                      | 0.163 - 2 |                 |      |    |                          |                      |           |                |                            |          |

## PURGING DATA

|                      |  |                          |
|----------------------|--|--------------------------|
| 3 WELL<br>VOLUMES    |  | WEATHER CONDITIONS:      |
| PURGE DATE           |  | WATER APPEARANCE / ODOR: |
| END OF<br>PURGE TIME |  | COMMENTS:                |
| PURGE<br>AMOUNT      |  |                          |
| DTW (FEET)           |  |                          |

## SAMPLING DATA

|             |  |                          |
|-------------|--|--------------------------|
| SAMPLE DATE |  | WEATHER CONDITIONS:      |
| DTW (FEET)  |  | WATER APPEARANCE / ODOR: |
| SAMPLE TIME |  | COMMENTS: HAS Product    |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

|                  |                     |
|------------------|---------------------|
| INSTRUMENTS USED | WATER QUALITY METER |
|------------------|---------------------|

COMPLETED BY:

SIGNATURE:

## MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |      |    |                          |                      |           |                |                            |          |
|----------------------|------------|-----------------|------|----|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| RW-2                 |            | Volumes         | TIME | pH | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/2/22    | Initial         |      |    |                          |                      |           |                |                            |          |
| GAUGE TIME           |            | 1               |      |    |                          |                      |           |                |                            |          |
| DHC (FEET)           | 2927       | 2               |      |    |                          |                      |           |                |                            |          |
| DTW (FEET)           | 26.45      | 3               |      |    |                          |                      |           |                |                            |          |
| DTE (FEET)           |            | 4               |      |    |                          |                      |           |                |                            |          |
| DTB - DTW            |            | 5               |      |    |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4' | 6               |      |    |                          |                      |           |                |                            |          |
|                      | 0.163 - 2' |                 |      |    |                          |                      |           |                |                            |          |

| PURGING DATA         |                          |
|----------------------|--------------------------|
| 3 WELL<br>VOLUMES    | WEATHER CONDITIONS:      |
| PURGE DATE           | WATER APPEARANCE / ODOR: |
| END OF<br>PURGE TIME | COMMENTS:                |
| PURGE<br>AMOUNT      |                          |
| DTW (FEET)           |                          |

| SAMPLING DATA |                          |
|---------------|--------------------------|
| SAMPLE DATE   | WEATHER CONDITIONS:      |
| DTW (FEET)    | WATER APPEARANCE / ODOR: |
| SAMPLE TIME   | COMMENTS: HAS Product    |

| SAMPLE LOG |                         |                      |                                               |
|------------|-------------------------|----------------------|-----------------------------------------------|
| SAMPLE ID  | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|            | 40 ML VOA               | 6                    | HCL                                           |
|            | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|            | 1 LITER AMBER           | 2                    | NEAT                                          |
|            | 500 ML AMBER            | 1                    | NEAT                                          |
|            | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|            | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|            | 500 ML PLASTIC          | 1                    | NaOH                                          |

|                  |                     |
|------------------|---------------------|
| INSTRUMENTS USED | WATER QUALITY METER |
|------------------|---------------------|

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



## MARATHON GALLUP REFINERY

4/16 ~~1ST~~ QUARTER 2022

| WELL ID              |                         | TEST PARAMETERS          |                                               |    |                          |                      |           |                |                            |          |
|----------------------|-------------------------|--------------------------|-----------------------------------------------|----|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| RW-5                 |                         | Volumes                  | TIME                                          | pH | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22                 | Initial                  |                                               |    |                          |                      |           |                |                            |          |
| GAUGE TIME           |                         | 1                        |                                               |    |                          |                      |           |                |                            |          |
| DHC (FEET)           | 31.55                   | 2                        |                                               |    |                          |                      |           |                |                            |          |
| DTW (FEET)           | 33.33                   | 3                        |                                               |    |                          |                      |           |                |                            |          |
| DTE (FEET)           |                         | 4                        |                                               |    |                          |                      |           |                |                            |          |
| DTE - DTW            |                         | 5                        |                                               |    |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4'              | 6                        |                                               |    |                          |                      |           |                |                            |          |
|                      | 0.163 - 2'              |                          |                                               |    |                          |                      |           |                |                            |          |
| PURGING DATA         |                         |                          |                                               |    |                          |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    |                         | WEATHER CONDITIONS:      |                                               |    |                          |                      |           |                |                            |          |
| PURGE DATE           |                         | WATER APPEARANCE / ODOR: |                                               |    |                          |                      |           |                |                            |          |
| END OF<br>PURGE TIME |                         | COMMENTS:                |                                               |    |                          |                      |           |                |                            |          |
| PURGE<br>AMOUNT      |                         |                          |                                               |    |                          |                      |           |                |                            |          |
| DTW (FEET)           |                         |                          |                                               |    |                          |                      |           |                |                            |          |
| SAMPLING DATA        |                         |                          |                                               |    |                          |                      |           |                |                            |          |
| SAMPLE DATE          |                         | WEATHER CONDITIONS:      |                                               |    |                          |                      |           |                |                            |          |
| DTW (FEET)           |                         | WATER APPEARANCE / ODOR: |                                               |    |                          |                      |           |                |                            |          |
| SAMPLE TIME          |                         | COMMENTS:                |                                               |    |                          |                      |           |                |                            |          |
| SAMPLE LOG           |                         |                          |                                               |    |                          |                      |           |                |                            |          |
| SAMPLE ID            | CONTAINER TYPE          | NUMBER OF CONTAINERS     | PRESERVATIVE                                  |    |                          |                      |           |                |                            |          |
|                      | 40 ML VOA               | 6                        | HCL                                           |    |                          |                      |           |                |                            |          |
|                      | 40 ML VOA               | 2                        | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |    |                          |                      |           |                |                            |          |
|                      | 1 LITER AMBER           | 2                        | NEAT                                          |    |                          |                      |           |                |                            |          |
|                      | 500 ML AMBER            | 1                        | NEAT                                          |    |                          |                      |           |                |                            |          |
|                      | 250 ML PLASTIC          | 1                        | HNO <sub>3</sub>                              |    |                          |                      |           |                |                            |          |
|                      | 125 ML PLASTIC FILTERED | 1                        | HNO <sub>3</sub>                              |    |                          |                      |           |                |                            |          |
|                      | 500 ML PLASTIC          | 1                        | NaOH                                          |    |                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |                         | WATER QUALITY METER      |                                               |    |                          |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |           | TEST PARAMETERS |      |    |                          |                      |           |                |                            |          |
|----------------------|-----------|-----------------|------|----|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| RW-6                 |           | Volumes         | TIME | pH | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (opt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22   | Initial         |      |    |                          |                      |           |                |                            |          |
| GAUGE TIME           |           | 1               |      |    |                          |                      |           |                |                            |          |
| DHC (FEET)           | 31.75     | 2               |      |    |                          |                      |           |                |                            |          |
| DTW (FEET)           | 33.53     | 3               |      |    |                          |                      |           |                |                            |          |
| DTE (FEET)           |           | 4               |      |    |                          |                      |           |                |                            |          |
| DTE - DTW            |           | 5               |      |    |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4 | 6               |      |    |                          |                      |           |                |                            |          |
|                      | 0.163 - 2 |                 |      |    |                          |                      |           |                |                            |          |

PURGING DATA

|                      |  |                          |
|----------------------|--|--------------------------|
| 3 WELL<br>VOLUMES    |  | WEATHER CONDITIONS:      |
| PURGE DATE           |  | WATER APPEARANCE / ODOR: |
| END OF<br>PURGE TIME |  | COMMENTS:                |
| PURGE<br>AMOUNT      |  |                          |
| DTW (FEET)           |  |                          |

SAMPLING DATA

|             |  |                          |
|-------------|--|--------------------------|
| SAMPLE DATE |  | WEATHER CONDITIONS:      |
| DTW (FEET)  |  | WATER APPEARANCE / ODOR: |
| SAMPLE TIME |  | COMMENTS: HAS Product    |

SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

|                  |                     |
|------------------|---------------------|
| INSTRUMENTS USED | WATER QUALITY METER |
|------------------|---------------------|

COMPLETED BY:

SIGNATURE:

## MARATHON GALLUP REFINERY

~~1ST~~ QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |      |    |                          |                      |           |                |                            |          |
|----------------------|------------|-----------------|------|----|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| OW-58A               |            | Volumes         | TIME | pH | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22    | Initial         |      |    |                          |                      |           |                |                            |          |
| GAUGE TIME           |            | 1               |      |    |                          |                      |           |                |                            |          |
| DHC (FEET)           | 28.55      | 2               |      |    |                          |                      |           |                |                            |          |
| DTW (FEET)           | 29.91      | 3               |      |    |                          |                      |           |                |                            |          |
| DTE (FEET)           |            | 4               |      |    |                          |                      |           |                |                            |          |
| DTE - DTW            |            | 5               |      |    |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.853 - 4" | 6               |      |    |                          |                      |           |                |                            |          |
|                      | 0.163 - 2" |                 |      |    |                          |                      |           |                |                            |          |

## PURGING DATA

|                      |  |                          |
|----------------------|--|--------------------------|
| 3 WELL<br>VOLUMES    |  | WEATHER CONDITIONS:      |
| PURGE DATE           |  | WATER APPEARANCE / ODOR: |
| END OF<br>PURGE TIME |  | COMMENTS:                |
| PURGE<br>AMOUNT      |  |                          |
| DTW (FEET)           |  |                          |

## SAMPLING DATA

|             |  |                          |
|-------------|--|--------------------------|
| SAMPLE DATE |  | WEATHER CONDITIONS:      |
| DTW (FEET)  |  | WATER APPEARANCE / ODOR: |
| SAMPLE TIME |  | COMMENTS: HAS Product    |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

|                  |                     |
|------------------|---------------------|
| INSTRUMENTS USED | WATER QUALITY METER |
|------------------|---------------------|

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

4th QUARTER 2022

| WELL ID              |           | TEST PARAMETERS |      |    |                          |                      |           |                |                            |          |
|----------------------|-----------|-----------------|------|----|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| OW-61                |           | Volumes         | TIME | pH | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22   | Initial         |      |    |                          |                      |           |                |                            |          |
| GAUGE TIME           |           | 1               |      |    |                          |                      |           |                |                            |          |
| DHC (FEET)           | 24.98     | 2               |      |    |                          |                      |           |                |                            |          |
| DTW (FEET)           | 26.14     | 3               |      |    |                          |                      |           |                |                            |          |
| DTE (FEET)           |           | 4               |      |    |                          |                      |           |                |                            |          |
| DTE - DTW            |           | 5               |      |    |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4 | 6               |      |    |                          |                      |           |                |                            |          |
|                      | 0.163 - 2 |                 |      |    |                          |                      |           |                |                            |          |

## PURGING DATA

|                      |  |                          |
|----------------------|--|--------------------------|
| 3 WELL<br>VOLUMES    |  | WEATHER CONDITIONS:      |
| PURGE DATE           |  | WATER APPEARANCE / ODOR: |
| END OF<br>PURGE TIME |  | COMMENTS:                |
| PURGE<br>AMOUNT      |  |                          |
| DTW (FEET)           |  |                          |

## SAMPLING DATA

|             |  |                          |
|-------------|--|--------------------------|
| SAMPLE DATE |  | WEATHER CONDITIONS:      |
| DTW (FEET)  |  | WATER APPEARANCE / ODOR: |
| SAMPLE TIME |  | COMMENTS:                |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED WATER QUALITY METER

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



MARATHON GALLUP REFINERY

qjh ~~TEST~~ QUARTER 2022

| WELL ID              |           | TEST PARAMETERS |      |    |                          |                      |           |                |                            |          |
|----------------------|-----------|-----------------|------|----|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| OW-62                |           | Volumes         | TIME | pH | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22   | Initial         |      |    |                          |                      |           |                |                            |          |
| GAUGE TIME           |           | 1               |      |    |                          |                      |           |                |                            |          |
| DHC (FEET)           | 23.83     | 2               |      |    |                          |                      |           |                |                            |          |
| DTW (FEET)           | 24.25     | 3               |      |    |                          |                      |           |                |                            |          |
| DTB (FEET)           |           | 4               |      |    |                          |                      |           |                |                            |          |
| DTB - DTW            |           | 5               |      |    |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4 | 6               |      |    |                          |                      |           |                |                            |          |
|                      | 0.163 - 2 |                 |      |    |                          |                      |           |                |                            |          |

PURGING DATA

|                      |  |                          |
|----------------------|--|--------------------------|
| 3 WELL<br>VOLUMES    |  | WEATHER CONDITIONS:      |
| PURGE DATE           |  | WATER APPEARANCE / ODOR: |
| END OF<br>PURGE TIME |  | COMMENTS:                |
| PURGE<br>AMOUNT      |  |                          |
| DTW (FEET)           |  |                          |

SAMPLING DATA

|             |  |                          |
|-------------|--|--------------------------|
| SAMPLE DATE |  | WEATHER CONDITIONS:      |
| DTW (FEET)  |  | WATER APPEARANCE / ODOR: |
| SAMPLE TIME |  | COMMENTS:                |

SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED WATER QUALITY METER

COMPLETED BY:

SIGNATURE:

## MARATHON GALLUP REFINERY

4th ~~1ST~~ QUARTER 2022

| WELL ID              |           | TEST PARAMETERS |      |    |                          |                      |           |                |                            |          |
|----------------------|-----------|-----------------|------|----|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| 04W-65               |           | Volumes         | TIME | pH | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22   | Initial         |      |    |                          |                      |           |                |                            |          |
| GAUGE TIME           |           | 1               |      |    |                          |                      |           |                |                            |          |
| DHC (FEET)           | 32.42     | 2               |      |    |                          |                      |           |                |                            |          |
| DTW (FEET)           | 32.64     | 3               |      |    |                          |                      |           |                |                            |          |
| DTB (FEET)           |           | 4               |      |    |                          |                      |           |                |                            |          |
| DTB - DTW            |           | 5               |      |    |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4 | 6               |      |    |                          |                      |           |                |                            |          |
|                      | 0.163 - 2 |                 |      |    |                          |                      |           |                |                            |          |

## PURGING DATA

|                      |  |                          |
|----------------------|--|--------------------------|
| 3 WELL<br>VOLUMES    |  | WEATHER CONDITIONS:      |
| PURGE DATE           |  | WATER APPEARANCE / ODOR: |
| END OF<br>PURGE TIME |  | COMMENTS:                |
| PURGE<br>AMOUNT      |  |                          |
| DTW (FEET)           |  |                          |

## SAMPLING DATA

|             |  |                          |
|-------------|--|--------------------------|
| SAMPLE DATE |  | WEATHER CONDITIONS:      |
| DTW (FEET)  |  | WATER APPEARANCE / ODOR: |
| SAMPLE TIME |  | COMMENTS: HAS Product    |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED WATER QUALITY METER

COMPLETED BY:

SIGNATURE:



MARATHON GALLUP REFINERY

4th QUARTER 2022

| WELL ID              |           | TEST PARAMETERS |      |    |                          |                      |           |                |                            |          |
|----------------------|-----------|-----------------|------|----|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| GLNM-1               |           | Volumes         | TIME | pH | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22   | Initial         |      |    |                          |                      |           |                |                            |          |
| GAUGE TIME           |           | 1               |      |    |                          |                      |           |                |                            |          |
| DHC (FEET)           | 21.61     | 2               |      |    |                          |                      |           |                |                            |          |
| DTW (FEET)           | 23.08     | 3               |      |    |                          |                      |           |                |                            |          |
| DTE (FEET)           |           | 4               |      |    |                          |                      |           |                |                            |          |
| DTE - DTW            |           | 5               |      |    |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4 | 6               |      |    |                          |                      |           |                |                            |          |
|                      | 0.163 - 2 |                 |      |    |                          |                      |           |                |                            |          |

PURGING DATA

|                      |  |                          |
|----------------------|--|--------------------------|
| 3 WELL<br>VOLUMES    |  | WEATHER CONDITIONS:      |
| PURGE DATE           |  | WATER APPEARANCE / ODOR: |
| END OF<br>PURGE TIME |  | COMMENTS:                |
| PURGE<br>AMOUNT      |  |                          |
| DTW (FEET)           |  |                          |

SAMPLING DATA

|             |  |                          |
|-------------|--|--------------------------|
| SAMPLE DATE |  | WEATHER CONDITIONS:      |
| DTW (FEET)  |  | WATER APPEARANCE / ODOR: |
| SAMPLE TIME |  | COMMENTS:                |

HAS Product

SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED WATER QUALITY METER

COMPLETED BY:

SIGNATURE:

## MARATHON GALLUP REFINERY

4th QUARTER 2022

| WELL ID              |           | TEST PARAMETERS          |                      |    |                                               |                      |           |                |                            |          |
|----------------------|-----------|--------------------------|----------------------|----|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| GWM-2                |           | Volumes                  | TIME                 | pH | Temperature<br>Degrees C                      | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22   | Initial                  |                      |    |                                               |                      |           |                |                            |          |
| GAUGE TIME           |           | 1                        |                      |    |                                               |                      |           |                |                            |          |
| DHC (FEET)           | NA        | 2                        |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           | DRY       | 3                        |                      |    |                                               |                      |           |                |                            |          |
| DTE (FEET)           |           | 4                        |                      |    |                                               |                      |           |                |                            |          |
| DTE - DTW            |           | 5                        |                      |    |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4 | 6                        |                      |    |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2 |                          |                      |    |                                               |                      |           |                |                            |          |
| PURGING DATA         |           |                          |                      |    |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    |           | WEATHER CONDITIONS:      |                      |    |                                               |                      |           |                |                            |          |
| PURGE DATE           |           | WATER APPEARANCE / ODOR: |                      |    |                                               |                      |           |                |                            |          |
| END OF<br>PURGE TIME |           | COMMENTS:                |                      |    |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      |           |                          |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |           |                          |                      |    |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |           |                          |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE DATE          |           | WEATHER CONDITIONS:      |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |           | WATER APPEARANCE / ODOR: |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE TIME          |           | COMMENTS: DRY            |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |           |                          |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE ID            |           | CONTAINER TYPE           | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                      |           |                |                            |          |
|                      |           | 40 ML VOA                | 6                    |    | HCL                                           |                      |           |                |                            |          |
|                      |           | 40 ML VOA                | 2                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |           | 1 LITER AMBER            | 2                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |           | 500 ML AMBER             | 1                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |           | 250 ML PLASTIC           | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |           | 125 ML PLASTIC FILTERED  | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |           | 500 ML PLASTIC           | 1                    |    | NaOH                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |           | WATER QUALITY METER      |                      |    |                                               |                      |           |                |                            |          |

COMPLETED BY:

SIGNATURE:

## MARATHON GALLUP REFINERY

4th QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |      |    |                          |                      |           |                |                            |          |
|----------------------|------------|-----------------|------|----|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| GWM-3                |            | Volumes         | TIME | pH | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22    | Initial         |      |    |                          |                      |           |                |                            |          |
| GAUGE TIME           |            | 1               |      |    |                          |                      |           |                |                            |          |
| DHC (FEET)           | NA         | 2               |      |    |                          |                      |           |                |                            |          |
| DTW (FEET)           | DRY        | 3               |      |    |                          |                      |           |                |                            |          |
| DTB (FEET)           |            | 4               |      |    |                          |                      |           |                |                            |          |
| DTB - DTW            |            | 5               |      |    |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4' | 6               |      |    |                          |                      |           |                |                            |          |
|                      | 0.163 - 2' |                 |      |    |                          |                      |           |                |                            |          |

## PURGING DATA

|                      |  |                          |
|----------------------|--|--------------------------|
| 3 WELL<br>VOLUMES    |  | WEATHER CONDITIONS:      |
| PURGE DATE           |  | WATER APPEARANCE / ODOR: |
| END OF<br>PURGE TIME |  | COMMENTS:                |
| PURGE<br>AMOUNT      |  |                          |
| DTW (FEET)           |  |                          |

## SAMPLING DATA

|             |  |                          |
|-------------|--|--------------------------|
| SAMPLE DATE |  | WEATHER CONDITIONS:      |
| DTW (FEET)  |  | WATER APPEARANCE / ODOR: |
| SAMPLE TIME |  | COMMENTS: DRY            |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

|                  |                     |
|------------------|---------------------|
| INSTRUMENTS USED | WATER QUALITY METER |
|------------------|---------------------|

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

4/1/22 ~~1ST~~ QUARTER 2022

| WELL ID              |                         | TEST PARAMETERS          |      |                                               |                          |                      |           |                |                            |          |
|----------------------|-------------------------|--------------------------|------|-----------------------------------------------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| NAPIS-1              |                         | Volumes                  | TIME | pH                                            | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22                 | Initial                  |      |                                               |                          |                      |           |                |                            |          |
| GAUGE TIME           |                         | 1                        |      |                                               |                          |                      |           |                |                            |          |
| DHC (FEET)           | 7.63                    | 2                        |      |                                               |                          |                      |           |                |                            |          |
| DTW (FEET)           | 7.68                    | 3                        |      |                                               |                          |                      |           |                |                            |          |
| DTB (FEET)           |                         | 4                        |      |                                               |                          |                      |           |                |                            |          |
| DTB - DTW            |                         | 5                        |      |                                               |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4'              | 6                        |      |                                               |                          |                      |           |                |                            |          |
|                      | 0.163 - 2'              |                          |      |                                               |                          |                      |           |                |                            |          |
| PURGING DATA         |                         |                          |      |                                               |                          |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    |                         | WEATHER CONDITIONS:      |      |                                               |                          |                      |           |                |                            |          |
| PURGE DATE           |                         | WATER APPEARANCE / ODOR: |      |                                               |                          |                      |           |                |                            |          |
| END OF<br>PURGE TIME |                         | COMMENTS:                |      |                                               |                          |                      |           |                |                            |          |
| PURGE<br>AMOUNT      |                         |                          |      |                                               |                          |                      |           |                |                            |          |
| DTW (FEET)           |                         |                          |      |                                               |                          |                      |           |                |                            |          |
| SAMPLING DATA        |                         |                          |      |                                               |                          |                      |           |                |                            |          |
| SAMPLE DATE          |                         | WEATHER CONDITIONS:      |      |                                               |                          |                      |           |                |                            |          |
| DTW (FEET)           |                         | WATER APPEARANCE / ODOR: |      |                                               |                          |                      |           |                |                            |          |
| SAMPLE TIME          |                         | COMMENTS: HAS Product    |      |                                               |                          |                      |           |                |                            |          |
| SAMPLE LOG           |                         |                          |      |                                               |                          |                      |           |                |                            |          |
| SAMPLE ID            | CONTAINER TYPE          | NUMBER OF CONTAINERS     |      | PRESERVATIVE                                  |                          |                      |           |                |                            |          |
|                      | 40 ML VOA               | 6                        |      | HCL                                           |                          |                      |           |                |                            |          |
|                      | 40 ML VOA               | 2                        |      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                          |                      |           |                |                            |          |
|                      | 1 LITER AMBER           | 2                        |      | NEAT                                          |                          |                      |           |                |                            |          |
|                      | 500 ML AMBER            | 1                        |      | NEAT                                          |                          |                      |           |                |                            |          |
|                      | 250 ML PLASTIC          | 1                        |      | HNO <sub>3</sub>                              |                          |                      |           |                |                            |          |
|                      | 125 ML PLASTIC FILTERED | 1                        |      | HNO <sub>3</sub>                              |                          |                      |           |                |                            |          |
|                      | 500 ML PLASTIC          | 1                        |      | NaOH                                          |                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |                         | WATER QUALITY METER      |      |                                               |                          |                      |           |                |                            |          |

COMPLETED BY:

SIGNATURE:



## MARATHON GALLUP REFINERY

9/16 ~~2022~~ QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |       |      |                          |                      |           |                |                            |          |
|----------------------|------------|-----------------|-------|------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| OW-1                 |            | Volumes         | TIME  | pH   | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22    | Initial         | 12:56 | 8.30 | 15.2                     | 1.410                | 94050     | 0.70           | 2.35                       | 58.5     |
| GAUGE TIME           |            | 1               | 12:53 | 8.35 | 16.5                     | 1.42                 | 93000     | 0.68           | 2.33                       | 65.8     |
| DHC (FEET)           | NA         | 2               | 1:00  | 8.34 | 15.2                     | 1.42                 | 92750     | 0.72           | 2.45                       | 68.3     |
| DTW (FEET)           | 1.50       | 3               |       |      |                          |                      |           |                |                            |          |
| DTE (FEET)           | 90.50      | 4               |       |      |                          |                      |           |                |                            |          |
| DTB - DTW            | 89         | 5               |       |      |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.853 - 4' | 6               |       |      |                          |                      |           |                |                            |          |
|                      | 0.163 - 2' |                 |       |      |                          |                      |           |                |                            |          |

## PURGING DATA

|                      |          |                                                    |
|----------------------|----------|----------------------------------------------------|
| 3 WELL<br>VOLUMES    | 177      | WEATHER CONDITIONS:<br><i>cloudy</i>               |
| PURGE DATE           | 12/21/22 | WATER APPEARANCE / ODOR:<br><i>clear / no odor</i> |
| END OF<br>PURGE TIME | 1:00     | COMMENTS:                                          |
| PURGE<br>AMOUNT      | 177      |                                                    |
| DTW (FEET)           | 42.10    |                                                    |

## SAMPLING DATA

|             |         |                                                    |
|-------------|---------|----------------------------------------------------|
| SAMPLE DATE | 12/2/22 | WEATHER CONDITIONS:<br><i>cloudy</i>               |
| DTW (FEET)  | 35.15   | WATER APPEARANCE / ODOR:<br><i>clear / no odor</i> |
| SAMPLE TIME | 6:55    | COMMENTS:                                          |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED WATER QUALITY METER

COMPLETED BY:

SIGNATURE:

## MARATHON GALLUP REFINERY

4/21 ~~1ST~~ QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |      |      |                          |                      |           |                |                            |          |
|----------------------|------------|-----------------|------|------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| OW-16                |            | Volumes         | TIME | pH   | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mV) |
| GAUGE DATE           | 12/1/22    | Initial         | 1:00 | 7.68 | 13.5                     | 3.22                 | 2050.00   | 1.56           | 0.60                       | 42.4     |
| GAUGE TIME           |            | 1               | 1:05 | 7.65 | 13.8                     | 3.10                 | 2115.50   | 1.65           | 0.62                       | 46.8     |
| DHC (FEET)           | NA         | 2               | 1:10 | 7.60 | 13.4                     | 3.20                 | 2345.50   | 1.70           | 0.64                       | 44.4     |
| DTW (FEET)           | 7.96       | 3               |      |      |                          |                      |           |                |                            |          |
| DTB (FEET)           | 46.45      | 4               |      |      |                          |                      |           |                |                            |          |
| DTB - DTW            |            | 5               |      |      |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6               |      |      |                          |                      |           |                |                            |          |
|                      | 0.163 - 2" |                 |      |      |                          |                      |           |                |                            |          |

## PURGING DATA

|                      |          |                          |                 |
|----------------------|----------|--------------------------|-----------------|
| 3 WELL<br>VOLUMES    | 115      | WEATHER CONDITIONS:      | Cloudy          |
| PURGE DATE           | 12/21/22 | WATER APPEARANCE / ODOR: | Clear / No odor |
| END OF<br>PURGE TIME | 1:10     | COMMENTS:                |                 |
| PURGE<br>AMOUNT      | 115      |                          |                 |
| DTW (FEET)           | 10.78    |                          |                 |

## SAMPLING DATA

|             |          |                          |                 |
|-------------|----------|--------------------------|-----------------|
| SAMPLE DATE | 12/21/22 | WEATHER CONDITIONS:      | Cloudy          |
| DTW (FEET)  | 7.98     | WATER APPEARANCE / ODOR: | Clear / No odor |
| SAMPLE TIME | 11:30    | COMMENTS:                |                 |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED WATER QUALITY METER

COMPLETED BY:

SIGNATURE:



## MARATHON GALLUP REFINERY

4/12/22 ~~1st~~ QUARTER 2022

| WELL ID              |                          | TEST PARAMETERS |      |      |                          |                      |           |                |                            |           |
|----------------------|--------------------------|-----------------|------|------|--------------------------|----------------------|-----------|----------------|----------------------------|-----------|
| 0w-13                |                          | Volumes         | TIME | pH   | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | CRP (inv) |
| GAUGE DATE           | 12/1/22                  | Initial         | 8:45 | 8.22 | 13.8                     | 1.04                 | 665.50    | 0.48           | 0.94                       | 80.3      |
| GAUGE TIME           |                          | 1               | 8:50 | 8.18 | 14.3                     | 1.06                 | 677.50    | 0.55           | 1.02                       | 75.8      |
| DHC (FEET)           | NA                       | 2               | 8:55 | 8.15 | 14.3                     | 1.04                 | 682.50    | 0.53           | 1.04                       | 78.6      |
| DTW (FEET)           | 21.88                    | 3               |      |      |                          |                      |           |                |                            |           |
| DTB (FEET)           | 101.70                   | 4               |      |      |                          |                      |           |                |                            |           |
| DTB - DTW            | 79.82                    | 5               |      |      |                          |                      |           |                |                            |           |
| CAPACITY PER<br>FOOT | 0.653 - 4"<br>0.163 - 2" | 6               |      |      |                          |                      |           |                |                            |           |

## PURGING DATA

|                      |       |                          |                 |
|----------------------|-------|--------------------------|-----------------|
| 3 WELL<br>VOLUMES    | 156   | WEATHER CONDITIONS:      | Cloudy          |
| PURGE DATE           | 12/27 | WATER APPEARANCE / ODOR: | clear / no odor |
| END OF<br>PURGE TIME | 8:55  | COMMENTS:                |                 |
| PURGE<br>AMOUNT      | 156   |                          |                 |
| DTW (FEET)           | 75.07 |                          |                 |

## SAMPLING DATA

|             |          |                          |                 |
|-------------|----------|--------------------------|-----------------|
| SAMPLE DATE | 12/21/22 | WEATHER CONDITIONS:      | Cloudy          |
| DTW (FEET)  | 72.00    | WATER APPEARANCE / ODOR: | clear / no odor |
| SAMPLE TIME | 9:00     | COMMENTS:                |                 |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED WATER QUALITY METER

COMPLETED BY:

SIGNATURE:

MARATHON GALLUP REFINERY

4/1/2023 FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |      |      |                          |                      |            |                |                            |          |
|----------------------|------------|-----------------|------|------|--------------------------|----------------------|------------|----------------|----------------------------|----------|
| Aw-19                |            | Volumes         | TIME | pH   | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22    | Initial         | 1:20 | 7.06 | 12.8                     | 1.55                 | 878.56     | 0.77           | 2.02                       | 92.7     |
| GAUGE TIME           |            | 1               | 1:25 | 7.16 | 14.1                     | 1.52                 | 915.5      | 0.84           | 1.96                       | 88.8     |
| DHC (FEET)           | NA         | 2               | 1:30 | 6.98 | 14.2                     | 1.52                 | 928.00     | 0.90           | 1.97                       | 85.7     |
| DTW (FEET)           | 25.16      | 3               |      |      |                          |                      |            |                |                            |          |
| DTB (FEET)           | 47.30      | 4               |      |      |                          |                      |            |                |                            |          |
| DTB - DTW            |            | 5               |      |      |                          |                      |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.853 - 4" | 6               |      |      |                          |                      |            |                |                            |          |
|                      | 0.163 - 2" |                 |      |      |                          |                      |            |                |                            |          |

PURGING DATA

|                      |          |                          |                 |
|----------------------|----------|--------------------------|-----------------|
| 3 WELL<br>VOLUMES    | 45       | WEATHER CONDITIONS:      | Cloudy          |
| PURGE DATE           | 12/28/22 | WATER APPEARANCE / ODOR: | Clear / no odor |
| END OF<br>PURGE TIME | 1:30     | COMMENTS:                |                 |
| PURGE<br>AMOUNT      | 45       |                          |                 |
| DTW (FEET)           | 25.58    |                          |                 |

SAMPLING DATA

|             |          |                          |                 |
|-------------|----------|--------------------------|-----------------|
| SAMPLE DATE | 12/29/22 | WEATHER CONDITIONS:      | Cloudy          |
| DTW (FEET)  | 22.65    | WATER APPEARANCE / ODOR: | Clear / no odor |
| SAMPLE TIME | 12:00    | COMMENTS:                |                 |

SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

|                  |                     |
|------------------|---------------------|
| INSTRUMENTS USED | WATER QUALITY METER |
|------------------|---------------------|

COMPLETED BY:

SIGNATURE:

## MARATHON GALLUP REFINERY

4/26 FIRST QUARTER 2022

| WELL ID                |            | TEST PARAMETERS |      |      |                          |                      |            |                   |                            |          |
|------------------------|------------|-----------------|------|------|--------------------------|----------------------|------------|-------------------|----------------------------|----------|
| 01W - <del>29</del> 30 |            | Volumes         | TIME | pH   | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (mg/L) | St. Nitrate (ppm) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE             | 12/1/22    | Initial         | 8:40 | 7.16 | 12.8                     | 1.78                 | 1317.50    | 0.85              | 1.85                       | 18.7     |
| GAUGE TIME             |            | 1               | 8:45 | 7.08 | 12.1                     | 1.86                 | 1274.00    | 0.86              | 2.05                       | 26.8     |
| DHC (FEET)             | NA         | 2               | 8:50 | 7.12 | 12.4                     | 1.83                 | 1189.00    | 0.90              | 1.92                       | 20.5     |
| DTW (FEET)             | 22.65      | 3               |      |      |                          |                      |            |                   |                            |          |
| DTB (FEET)             | 92.05      | 4               |      |      |                          |                      |            |                   |                            |          |
| DTB - DTW              | 27.4       | 5               |      |      |                          |                      |            |                   |                            |          |
| CAPACITY PER<br>FOOT   | 0.653 - 4" | 6               |      |      |                          |                      |            |                   |                            |          |
|                        | 0.163 - 2" |                 |      |      |                          |                      |            |                   |                            |          |

## PURGING DATA

|                      |                    |                          |                 |
|----------------------|--------------------|--------------------------|-----------------|
| 3 WELL<br>VOLUMES    | 54                 | WEATHER CONDITIONS:      | Cloudy          |
| PURGE DATE           | 12/28/22           | WATER APPEARANCE / ODOR: | Clear / No odor |
| END OF<br>PURGE TIME | 8:50               | COMMENTS:                |                 |
| PURGE<br>AMOUNT      | <del>20.5</del> 54 |                          |                 |
| DTW (FEET)           | 22.55              |                          |                 |

## SAMPLING DATA

|             |          |                          |                 |
|-------------|----------|--------------------------|-----------------|
| SAMPLE DATE | 12/29/22 | WEATHER CONDITIONS:      | Cloudy          |
| DTW (FEET)  | 22.51    | WATER APPEARANCE / ODOR: | Clear / No odor |
| SAMPLE TIME | 11:20    | COMMENTS:                |                 |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED WATER QUALITY METER

COMPLETED BY:

SIGNATURE:

## MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |      |      |                          |                      |            |                |                            |          |
|----------------------|------------|-----------------|------|------|--------------------------|----------------------|------------|----------------|----------------------------|----------|
| 0CW-56               |            | Volumes         | TIME | pH   | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22    | Initial         | 8:30 | 8.55 | 14.1                     | 1.05                 | 688.08     | 6.62           | 0.72                       | 156.9    |
| GAUGE TIME           |            | 1               | 8:35 | 8.55 | 14.2                     | 1.01                 | 660.50     | 0.52           | 0.85                       | 158.6    |
| DHC (FEET)           | 16.02      | 2               | 8:40 | 8.52 | 13.8                     | 1.03                 | 650.56     | 0.48           | 0.86                       | 148.6    |
| DTW (FEET)           | 63:30      | 3               |      |      |                          |                      |            |                |                            |          |
| DTB (FEET)           | ↓          | 4               |      |      |                          |                      |            |                |                            |          |
| DTB - DTW            | 47.28      | 5               |      |      |                          |                      |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.853 - 4" | 6               |      |      |                          |                      |            |                |                            |          |
|                      | 0.163 - 2" |                 |      |      |                          |                      |            |                |                            |          |

## PURGING DATA

|                      |         |                          |                 |
|----------------------|---------|--------------------------|-----------------|
| 3 WELL<br>VOLUMES    | 23      | WEATHER CONDITIONS:      | Cloudy          |
| PURGE DATE           | 12/6/22 | WATER APPEARANCE / ODOR: | Clear / No odor |
| END OF<br>PURGE TIME | 8:40    | COMMENTS:                |                 |
| PURGE<br>AMOUNT      | 23      |                          |                 |
| DTW (FEET)           | 16.24   |                          |                 |

## SAMPLING DATA

|             |          |                          |                 |
|-------------|----------|--------------------------|-----------------|
| SAMPLE DATE | 12/27/22 | WEATHER CONDITIONS:      | Cloudy          |
| DTW (FEET)  | 16.12    | WATER APPEARANCE / ODOR: | Clear / No odor |
| SAMPLE TIME | 10:00    | COMMENTS:                |                 |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCl                                           |
|           | 40 ML VOA               | 2                    | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED WATER QUALITY METER

COMPLETED BY:

SIGNATURE:



## MARATHON GALLUP REFINERY

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |       |      |                          |                      |            |                |                            |          |
|----------------------|------------|-----------------|-------|------|--------------------------|----------------------|------------|----------------|----------------------------|----------|
| 04-52                |            | Volumes         | TIME  | pH   | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22    | Initial         | 12:45 | 8.12 | 13.7                     | 0.98                 | 545.50     | 0.41           | 0.65                       | 78.2     |
| GAUGE TIME           |            | 1               | 12:50 | 8.14 | 14.5                     | 0.87                 | 525.00     | 0.44           | 0.75                       | 75.5     |
| DHC (FEET)           | ND         | 2               | 12:55 | 8.16 | 14.3                     | 0.95                 | 538.50     | 0.47           | 0.50                       | 74.7     |
| DTW (FEET)           | 15.15      | 3               |       |      |                          |                      |            |                |                            |          |
| DTB (FEET)           | 56.50      | 4               |       |      |                          |                      |            |                |                            |          |
| DTB - DTW            | 41.35      | 5               |       |      |                          |                      |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6               |       |      |                          |                      |            |                |                            |          |
|                      | 0.163 - 2" |                 |       |      |                          |                      |            |                |                            |          |

## PURGING DATA

|                      |                        |                          |                 |
|----------------------|------------------------|--------------------------|-----------------|
| 3 WELL<br>VOLUMES    | 20.50                  | WEATHER CONDITIONS:      | Cloudy          |
| PURGE DATE           | 12/26/22               | WATER APPEARANCE / ODOR: | Clear / No odor |
| END OF<br>PURGE TIME | 12:55                  | COMMENTS:                |                 |
| PURGE<br>AMOUNT      | <del>20.50</del> 20.50 |                          |                 |
| DTW (FEET)           | 16.65                  |                          |                 |

## SAMPLING DATA

|             |          |                          |                 |
|-------------|----------|--------------------------|-----------------|
| SAMPLE DATE | 12/28/22 | WEATHER CONDITIONS:      | Cloudy          |
| DTW (FEET)  | 15.25    | WATER APPEARANCE / ODOR: | Clear / No odor |
| SAMPLE TIME | 16:30    | COMMENTS:                |                 |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED WATER QUALITY METER

COMPLETED BY:

SIGNATURE:

MARATHON GALLUP REFINERY

474

FIRST QUARTER 2022

| WELL ID              |                          | TEST PARAMETERS |      |    |                          |                      |            |                |                            |          |
|----------------------|--------------------------|-----------------|------|----|--------------------------|----------------------|------------|----------------|----------------------------|----------|
| OW-53                |                          | Volumes         | TIME | pH | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mV) |
| GAUGE DATE           | 12/1/22                  | Initial         |      |    |                          |                      |            |                |                            |          |
| GAUGE TIME           |                          | 1               |      |    |                          |                      |            |                |                            |          |
| DHC (FEET)           | NA                       | 2               |      |    |                          |                      |            |                |                            |          |
| DTW (FEET)           | DRY                      | 3               |      |    |                          |                      |            |                |                            |          |
| DTB (FEET)           |                          | 4               |      |    |                          |                      |            |                |                            |          |
| DTB - DTW            |                          | 5               |      |    |                          |                      |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4"<br>0.163 - 2" | 6               |      |    |                          |                      |            |                |                            |          |

PURGING DATA

|                      |                          |
|----------------------|--------------------------|
| 3 WELL<br>VOLUMES    | WEATHER CONDITIONS:      |
| PURGE DATE           | WATER APPEARANCE / ODOR: |
| END OF<br>PURGE TIME | COMMENTS:                |
| PURGE<br>AMOUNT      |                          |
| DTW (FEET)           |                          |

SAMPLING DATA

|             |                          |
|-------------|--------------------------|
| SAMPLE DATE | WEATHER CONDITIONS:      |
| DTW (FEET)  | WATER APPEARANCE / ODOR: |
| SAMPLE TIME | COMMENTS: DRY            |

SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED WATER QUALITY METER

COMPLETED BY:

SIGNATURE:



## MARATHON GALLUP REFINERY

4th QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |      |                 |                          |                      |            |              |                            |          |
|----------------------|------------|-----------------|------|-----------------|--------------------------|----------------------|------------|--------------|----------------------------|----------|
| Qv-54                |            | Volumes         | TIME | pH              | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (mg/L) | Solids (ppt) | Dissolved<br>Oxygen (mg/L) | CAP (mv) |
| GAUGE DATE           | 12/1/22    | Initial         | 2:15 | 6.98            | 13.5                     | 1.58                 | 12.58      | 0.80         | 0.95                       | 78.5     |
| GAUGE TIME           |            | 1               | 2:20 | 7.08            | 13.7                     | 1.68                 | 132.50     | 0.84         | 1.30                       | 78.5     |
| DHC (FEET)           | NA         | 2               | 2:25 | <del>7.12</del> | 13.4                     | 1.72                 | 1214.00    | 0.83         | 1.48                       | 86.5     |
| DTW (FEET)           | 19.13      | 3               |      | 7.12            |                          |                      |            |              |                            |          |
| DTB (FEET)           | 29.75      | 4               |      |                 |                          |                      |            |              |                            |          |
| DTB - DTW            | 10.62      | 5               |      |                 |                          |                      |            |              |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6               |      |                 |                          |                      |            |              |                            |          |
|                      | 0.163 - 2" |                 |      |                 |                          |                      |            |              |                            |          |

## PURGING DATA

|                      |          |                          |                 |
|----------------------|----------|--------------------------|-----------------|
| 3 WELL<br>VOLUMES    | 5.25     | WEATHER CONDITIONS:      | Cloudy          |
| PURGE DATE           | 12/26/22 | WATER APPEARANCE / ODOR: | Clear / No odor |
| END OF<br>PURGE TIME | 2:25     | COMMENTS:                |                 |
| PURGE<br>AMOUNT      | 5.25     |                          |                 |
| DTW (FEET)           | 19.72    |                          |                 |

## SAMPLING DATA

|             |          |                          |                 |
|-------------|----------|--------------------------|-----------------|
| SAMPLE DATE | 12/27/22 | WEATHER CONDITIONS:      | Cloudy          |
| DTW (FEET)  | 19.06    | WATER APPEARANCE / ODOR: | Clear / No odor |
| SAMPLE TIME | 11:45    | COMMENTS:                |                 |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED WATER QUALITY METER

COMPLETED BY:

SIGNATURE:

## MARATHON GALLUP REFINERY

4th ~~4th~~ QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |      |      |                          |                      |           |                |                            |          |
|----------------------|------------|-----------------|------|------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| 000-55               |            | Volumes         | TIME | pH   | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | CRP (mv) |
| GAUGE DATE           | 12/1/22    | Initial         | 3:30 | 6.98 | 14.4                     | 1.77                 | 124.50    | 0.79           | 0.86                       | 775      |
| GAUGE TIME           |            | 1               | 3:35 | 7.02 | 14.2                     | 1.64                 | 1125.56   | 0.84           | 0.92                       | 82.3     |
| DHC (FEET)           | NP         | 2               | 3:40 | 6.95 | 13.8                     | 1.63                 | 1095.54   | 0.83           | 0.95                       | 86.5     |
| DTW (FEET)           | 19.22      | 3               |      |      |                          |                      |           |                |                            |          |
| DTB (FEET)           | 30.20      | 4               |      |      |                          |                      |           |                |                            |          |
| DTB - DTW            | 10.98      | 5               |      |      |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6               |      |      |                          |                      |           |                |                            |          |
|                      | 0.163 - 2" |                 |      |      |                          |                      |           |                |                            |          |

## PURGING DATA

|                      |          |                          |         |
|----------------------|----------|--------------------------|---------|
| 3 WELL<br>VOLUMES    | 5.5      | WEATHER CONDITIONS:      | Cloudy  |
| PURGE DATE           | 12/26/22 | WATER APPEARANCE / ODOR: | Grayish |
| END OF<br>PURGE TIME | 3:40     | COMMENTS:                |         |
| PURGE<br>AMOUNT      | 5.5      |                          |         |
| DTW (FEET)           | 19.17    |                          |         |

## SAMPLING DATA

|             |          |                          |         |
|-------------|----------|--------------------------|---------|
| SAMPLE DATE | 12/27/22 | WEATHER CONDITIONS:      | Cloudy  |
| DTW (FEET)  | 20.12    | WATER APPEARANCE / ODOR: | Grayish |
| SAMPLE TIME | 12:30    | COMMENTS:                |         |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED WATER QUALITY METER

COMPLETED BY:

SIGNATURE:

MARATHON GALLUP REFINERY

9/2 ~~3RD~~ QUARTER 2022

| WELL ID              |                          | TEST PARAMETERS |      |      |                          |                      |           |                        |                            |          |
|----------------------|--------------------------|-----------------|------|------|--------------------------|----------------------|-----------|------------------------|----------------------------|----------|
| OW-56                |                          | Volumes         | TIME | pH   | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Specific Gravity (pcf) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/11/22                 | Initial         | 9:20 | 7.04 | 13.8                     | 2.05                 | 1578.5    | 1.04                   | 1.74                       | 32.5     |
| GAUGE TIME           |                          | 1               | 9:25 | 7.13 | 14.1                     | 2.08                 | 1578.00   | 1.02                   | 1.80                       | 35.9     |
| DHC (FEET)           | NA                       | 2               | 9:30 | 7.11 | 14.5                     | 2.14                 | 1555.50   | 1.06                   | 1.82                       | 78.7     |
| DTW (FEET)           | 14.35                    | 3               |      |      |                          |                      |           |                        |                            |          |
| DTB (FEET)           | 18.60                    | 4               |      |      |                          |                      |           |                        |                            |          |
| DTB - DTW            | 4.25                     | 5               |      |      |                          |                      |           |                        |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4"<br>0.163 - 2" | 6               |      |      |                          |                      |           |                        |                            |          |

| PURGING DATA         |          |
|----------------------|----------|
| 3 WELL<br>VOLUMES    | 2.25     |
| PURGE DATE           | 12/27/22 |
| END OF<br>PURGE TIME | 9:30     |
| PURGE<br>AMOUNT      | 42.25    |
| DTW (FEET)           | 17.75    |

| SAMPLING DATA |          |
|---------------|----------|
| SAMPLE DATE   | 12/28/22 |
| DTW (FEET)    | 17.26    |
| SAMPLE TIME   | 9:45     |

| SAMPLE LOG |                         |                      |                                               |
|------------|-------------------------|----------------------|-----------------------------------------------|
| SAMPLE ID  | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|            | 40 ML VOA               | 6                    | HCL                                           |
|            | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|            | 1 LITER AMBER           | 2                    | NEAT                                          |
|            | 500 ML AMBER            | 1                    | NEAT                                          |
|            | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|            | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|            | 500 ML PLASTIC          | 1                    | NaOH                                          |

|                  |                     |
|------------------|---------------------|
| INSTRUMENTS USED | WATER QUALITY METER |
|------------------|---------------------|

COMPLETED BY:

SIGNATURE:

MARATHON GALLUP REFINERY

UPL

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |       |      |                          |                      |           |                |                            |          |
|----------------------|------------|-----------------|-------|------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| 0W-57                |            | Volumes         | TIME  | pH   | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22    | Initial         | 11:05 | 6.86 | 13.0                     | 1.35                 | 877.50    | 0.68           | 0.77                       | 63.2     |
| GAUGE TIME           |            | 1               | 11:30 | 6.68 | 12.9                     | 1.35                 | 877.50    | 0.68           | 0.68                       | 68.0     |
| DHC (FEET)           | NA         | 2               |       |      |                          |                      |           |                |                            |          |
| DTW (FEET)           | 22.93      | 3               |       |      |                          |                      |           |                |                            |          |
| DTB (FEET)           | 28.38      | 4               |       |      |                          |                      |           |                |                            |          |
| DTB - DTW            |            | 5               |       |      |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.853 - 4" | 6               |       |      |                          |                      |           |                |                            |          |
|                      | 0.163 - 2" |                 |       |      |                          |                      |           |                |                            |          |

PURGING DATA

|                      |         |                          |                     |
|----------------------|---------|--------------------------|---------------------|
| 3 WELL<br>VOLUMES    | 2.75    | WEATHER CONDITIONS:      | Cloudy / Windy      |
| PURGE DATE           | 12/6/22 | WATER APPEARANCE / ODOR: | Brown / slight odor |
| END OF<br>PURGE TIME | 11:30   | COMMENTS:                | Purged Dry          |
| PURGE<br>AMOUNT      | 2.75    |                          |                     |
| DTW (FEET)           | DRY     |                          |                     |

SAMPLING DATA

|             |         |                          |                                         |
|-------------|---------|--------------------------|-----------------------------------------|
| SAMPLE DATE | 12/7/22 | WEATHER CONDITIONS:      | Cloudy Windy                            |
| DTW (FEET)  | 22.97   | WATER APPEARANCE / ODOR: | Brownish / slight H <sub>2</sub> C odor |
| SAMPLE TIME | 11:05   | COMMENTS:                |                                         |

SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED

WATER QUALITY METER

COMPLETED BY:

SIGNATURE



## MARATHON GALLUP REFINERY

4/7/22 FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |       |      |                          |                      |            |                |                            |          |
|----------------------|------------|-----------------|-------|------|--------------------------|----------------------|------------|----------------|----------------------------|----------|
| OU-58                |            | Volumes         | TIME  | pH   | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | CRP (mv) |
| GAUGE DATE           | 12/11/22   | Initial         | 10:25 | 6.92 | 13.1                     | 1.83                 | 1257.50    | 0.93           | 1.80                       | 95.8     |
| GAUGE TIME           |            | 1               | 10:46 | 6.90 | 12.9                     | 1.75                 | 1235.00    | 0.90           | 1.90                       | 90.5     |
| DHC (FEET)           | NA         | 2               | 10:49 | 6.88 | 13.2                     | 1.85                 | 1241.50    | 0.89           | 1.79                       | 87.5     |
| DTW (FEET)           | 26.05      | 3               |       |      |                          |                      |            |                |                            |          |
| DTB (FEET)           | 47.47      | 4               |       |      |                          |                      |            |                |                            |          |
| DTB - DTW            | 21.42      | 5               |       |      |                          |                      |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6               |       |      |                          |                      |            |                |                            |          |
|                      | 0.163 - 2" |                 |       |      |                          |                      |            |                |                            |          |

## PURGING DATA

|                      |                        |                                             |
|----------------------|------------------------|---------------------------------------------|
| 3 WELL<br>VOLUMES    | 10.56                  | WEATHER CONDITIONS:<br>cloudy / windy       |
| PURGE DATE           | 12/13/22               | WATER APPEARANCE / ODOR:<br>clear / No odor |
| END OF<br>PURGE TIME | 10:45                  | COMMENTS:                                   |
| PURGE<br>AMOUNT      | <del>10.56</del> 10.56 |                                             |
| DTW (FEET)           | 25.98                  |                                             |

## SAMPLING DATA

|             |          |                                             |
|-------------|----------|---------------------------------------------|
| SAMPLE DATE | 12/14/22 | WEATHER CONDITIONS:<br>cloudy / windy       |
| DTW (FEET)  | 26.08    | WATER APPEARANCE / ODOR:<br>clear / No odor |
| SAMPLE TIME | 9:30     | COMMENTS:                                   |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED WATER QUALITY METER

COMPLETED BY:

SIGNATURE:

## MARATHON GALLUP REFINERY

9/12 ~~1ST~~ QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |       |      |                          |                      |           |                |                            |          |
|----------------------|------------|-----------------|-------|------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| 0w-59                |            | Volumes         | TIME  | pH   | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (P/L) | S. Inity (ppt) | Dissolved<br>Oxygen (mg/L) | CRP (mv) |
| GAUGE DATE           | 12/1/22    | Initial         | 10:15 | 7.51 | 14.3                     | 11.30                | 7580.90   | 6.51           | 2.46                       | 160.0    |
| GAUGE TIME           |            | 1               | 10:20 | 7.48 | 14.0                     | 11.41                | 7470.00   | 6.46           | 2.45                       | 141.8    |
| DHC (FEET)           | N4         | 2               | 10:25 | 7.48 | 13.3                     | 11.35                | 7473.90   | 6.46           | 2.40                       | 143.5    |
| DTW (FEET)           | 24.12      | 3               |       |      |                          |                      |           |                |                            |          |
| DTB (FEET)           | 38.60      | 4               |       |      |                          |                      |           |                |                            |          |
| DTB - DTW            |            | 5               |       |      |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6               |       |      |                          |                      |           |                |                            |          |
|                      | 0.163 - 2" |                 |       |      |                          |                      |           |                |                            |          |

## PURGING DATA

|                      |          |                          |                 |
|----------------------|----------|--------------------------|-----------------|
| 3 WELL<br>VOLUMES    | 7        | WEATHER CONDITIONS:      | Cloudy          |
| PURGE DATE           | 12/27/22 | WATER APPEARANCE / ODOR: | Clear / no odor |
| END OF<br>PURGE TIME | 10:25    | COMMENTS:                |                 |
| PURGE<br>AMOUNT      | 7        |                          |                 |
| DTW (FEET)           | 34.10    |                          |                 |

## SAMPLING DATA

|             |          |                          |                 |
|-------------|----------|--------------------------|-----------------|
| SAMPLE DATE | 12/28/22 | WEATHER CONDITIONS:      | Cloudy          |
| DTW (FEET)  | 24.85    | WATER APPEARANCE / ODOR: | Clear / no odor |
| SAMPLE TIME | 10:10    | COMMENTS:                |                 |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED WATER QUALITY METER

COMPLETED BY:

SIGNATURE:



## MARATHON GALLUP REFINERY

414 ~~FIRST~~ QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |                  |                 |                          |                      |                    |                 |                            |                 |
|----------------------|------------|-----------------|------------------|-----------------|--------------------------|----------------------|--------------------|-----------------|----------------------------|-----------------|
| OW-60                |            | Volumes         | TIME             | pH              | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L)          | Alinity (ppt)   | Dissolved<br>Oxygen (mg/L) | ORP (mv)        |
| GAUGE DATE           | 12/1/22    | Initial         | 11:30            | 7.15            | 13.5                     | 6.52                 | 428.00             | 3.04            | 4.80                       | 46.7            |
| GAUGE TIME           |            | 1               | 11:35            | 7.11            | 14.2                     | 6.77                 | 5785.30            | 3.05            | 4.62                       | 24.7            |
| DHC (FEET)           | NA         | 2               | <del>11:40</del> | <del>7.12</del> | <del>13.7</del>          | <del>6.77</del>      | <del>5785.30</del> | <del>3.05</del> | <del>4.62</del>            | <del>24.7</del> |
| DTW (FEET)           | 17.03      | 3               |                  |                 |                          |                      |                    |                 |                            |                 |
| DTB (FEET)           | 46.85      | 4               |                  |                 |                          |                      |                    |                 |                            |                 |
| DTB - DTW            | 29.82      | 5               |                  |                 |                          |                      |                    |                 |                            |                 |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6               |                  |                 |                          |                      |                    |                 |                            |                 |
|                      | 0.163 - 2" |                 |                  |                 |                          |                      |                    |                 |                            |                 |

## PURGING DATA

|                      |                           |                          |            |
|----------------------|---------------------------|--------------------------|------------|
| 3 WELL<br>VOLUMES    | 14.50                     | WEATHER CONDITIONS:      | Cloudy     |
| PURGE DATE           | 12/27/22                  | WATER APPEARANCE / ODOR: | Brownish   |
| END OF<br>PURGE TIME | 11:40<br><del>11:35</del> | COMMENTS:                | Purged Day |
| PURGE<br>AMOUNT      | <del>5.1</del> 14.5       |                          |            |
| DTW (FEET)           | <del>17.03</del>          |                          |            |

## SAMPLING DATA

|             |          |                          |          |
|-------------|----------|--------------------------|----------|
| SAMPLE DATE | 12/28/20 | WEATHER CONDITIONS:      | Cloudy   |
| DTW (FEET)  | 34.85    | WATER APPEARANCE / ODOR: | Brownish |
| SAMPLE TIME | 11:30    | COMMENTS:                |          |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED

WATER QUALITY METER

COMPLETED BY:

SIGNATURE:

MARATHON GALLUP REFINERY

~~FIRST~~ QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |      |      |                          |                      |            |                |                            |          |
|----------------------|------------|-----------------|------|------|--------------------------|----------------------|------------|----------------|----------------------------|----------|
| 04W-63               |            | Volumes         | TIME | pH   | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22    | Initial         | 3:30 | 6.68 | 17.2                     | 1.57                 | 1620.50    | 0.80           | 1.56                       | 140.8    |
| GAUGE TIME           |            | 1               | 3:35 | 6.61 | 14.2                     | 1.59                 | 1627.00    | 0.88           | 1.66                       | 148.1    |
| DHC (FEET)           | NA         | 2               | 3:40 | 6.62 | 13.2                     | 1.62                 | 1640.00    | 0.81           | 1.79                       | 156.6    |
| DTW (FEET)           | 23.02      | 3               |      |      |                          |                      |            |                |                            |          |
| DTB (FEET)           | 32.22      | 4               |      |      |                          |                      |            |                |                            |          |
| DTB - DTW            | 9.02       | 5               |      |      |                          |                      |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6               |      |      |                          |                      |            |                |                            |          |
|                      | 0.163 - 2" |                 |      |      |                          |                      |            |                |                            |          |

PURGING DATA

|                      |         |                          |                 |
|----------------------|---------|--------------------------|-----------------|
| 3 WELL<br>VOLUMES    | 18      | WEATHER CONDITIONS:      | Cloudy / Windy  |
| PURGE DATE           | 12/6/22 | WATER APPEARANCE / ODOR: | Clear / No odor |
| END OF<br>PURGE TIME | 3:40    | COMMENTS:                |                 |
| PURGE<br>AMOUNT      | 18      |                          |                 |
| DTW (FEET)           | 33.60   |                          |                 |

SAMPLING DATA

|             |         |                          |                 |
|-------------|---------|--------------------------|-----------------|
| SAMPLE DATE | 12/7/22 | WEATHER CONDITIONS:      | Cloudy          |
| DTW (FEET)  | 25.91   | WATER APPEARANCE / ODOR: | Clear / No odor |
| SAMPLE TIME | 16:35   | COMMENTS:                | PFAS            |

SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 3                    | HCL                                           |
|           | 40 ML VOA               | 2                    | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED WATER QUALITY METER

COMPLETED BY:

SIGNATURE:

## MARATHON GALLUP REFINERY

4/21 FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |       |      |                          |                      |            |                |                            |          |
|----------------------|------------|-----------------|-------|------|--------------------------|----------------------|------------|----------------|----------------------------|----------|
| 000-000 64           |            | Volumes         | TIME  | pH   | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22    | Initial         | 11:40 | 7.61 | 12.5                     | 1.58                 | 1027.00    | 0.80           | 2.11                       | 33.8     |
| GAUGE TIME           |            | 1               | 11:55 | 7.62 | 13                       | 1.58                 | 1020.50    | 0.81           | 2.15                       | 33.6     |
| DHC (FEET)           | NA         | 2               |       |      |                          |                      |            |                |                            |          |
| DTW (FEET)           | 7.97       | 3               |       |      |                          |                      |            |                |                            |          |
| DTB (FEET)           | 24.30      | 4               |       |      |                          |                      |            |                |                            |          |
| DTB - DTW            | 16.33      | 5               |       |      |                          |                      |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6               |       |      |                          |                      |            |                |                            |          |
|                      | 0.163 - 2" |                 |       |      |                          |                      |            |                |                            |          |

## PURGING DATA

|                      |         |                          |                 |
|----------------------|---------|--------------------------|-----------------|
| 3 WELL<br>VOLUMES    | 32      | WEATHER CONDITIONS:      | Cloudy          |
| PURGE DATE           | 12/6/22 | WATER APPEARANCE / ODOR: | Clear / No odor |
| END OF<br>PURGE TIME | 8:00    | COMMENTS:                | Purged Dry      |
| PURGE<br>AMOUNT      | 20.00   |                          |                 |
| DTW (FEET)           | DRY     |                          |                 |

## SAMPLING DATA

|             |         |                          |                 |
|-------------|---------|--------------------------|-----------------|
| SAMPLE DATE | 12/7/22 | WEATHER CONDITIONS:      | Cloudy          |
| DTW (FEET)  | 8.60    | WATER APPEARANCE / ODOR: | Clear / No odor |
| SAMPLE TIME | 9:40    | COMMENTS:                |                 |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCl                                           |
|           | 40 ML VOA               | 2                    | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

|                  |                     |
|------------------|---------------------|
| INSTRUMENTS USED | WATER QUALITY METER |
|------------------|---------------------|

COMPLETED BY:

SIGNATURE:

## MARATHON GALLUP REFINERY

4/21 ~~1ST~~ QUARTER 2022

| WELL ID                  |            | TEST PARAMETERS |       |      |                          |                      |            |                |                            |          |
|--------------------------|------------|-----------------|-------|------|--------------------------|----------------------|------------|----------------|----------------------------|----------|
| <del>600</del> - NAPTS-2 |            | Volumes         | TIME  | pH   | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE               | 12/1/22    | Initial         | 10:45 | 7.18 | 15.8                     | 1.85                 | 1145.50    | 1.08           | 0.92                       | 80.5     |
| GAUGE TIME               |            | 1               | 10:55 | 7.19 | 15.6                     | 1.85                 | 1148.00    | 1.02           | 0.79                       | 78.5     |
| DHC (FEET)               | NA         | 2               |       |      |                          |                      |            |                |                            |          |
| DTW (FEET)               | 9.93       | 3               |       |      |                          |                      |            |                |                            |          |
| DTB (FEET)               | 14.65      | 4               |       |      |                          |                      |            |                |                            |          |
| DTB - DTW                |            | 5               |       |      |                          |                      |            |                |                            |          |
| CAPACITY PER<br>FOOT     | 0.653 - 4" | 6               |       |      |                          |                      |            |                |                            |          |
|                          | 0.163 - 2" |                 |       |      |                          |                      |            |                |                            |          |

## PURGING DATA

|                      |          |                          |                 |
|----------------------|----------|--------------------------|-----------------|
| 3 WELL<br>VOLUMES    | 2.25     | WEATHER CONDITIONS:      | Cloudy          |
| PURGE DATE           | 12/13/22 | WATER APPEARANCE / ODOR: | Clear / No odor |
| END OF<br>PURGE TIME | 1:30     | COMMENTS:                | Purged Dry      |
| PURGE<br>AMOUNT      | 2.00     |                          |                 |
| DTW (FEET)           | DRY      |                          |                 |

## SAMPLING DATA

|             |          |                          |                 |
|-------------|----------|--------------------------|-----------------|
| SAMPLE DATE | 12/14/22 | WEATHER CONDITIONS:      | Sunny           |
| DTW (FEET)  | 10.11    | WATER APPEARANCE / ODOR: | Clear / No odor |
| SAMPLE TIME | 10:45    | COMMENTS:                |                 |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED WATER QUALITY METER

COMPLETED BY:

SIGNATURE:



## MARATHON GALLUP REFINERY

476  
FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |      |      |                          |                      |           |                       |                            |          |
|----------------------|------------|-----------------|------|------|--------------------------|----------------------|-----------|-----------------------|----------------------------|----------|
| NAPTS-3              |            | Volumes         | TIME | pH   | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (ppL) | Specific Gravity (pp) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22    | Initial         | 2:25 | 7.16 | 16.0                     | 1.38                 | 815.50    | 0.68                  | 1.15                       | 94.7     |
| GAUGE TIME           |            | 1               | 2:30 | 7.17 | 15.2                     | 1.40                 | 833.50    | 0.71                  | 1.19                       | 92.5     |
| DHC (FEET)           | NA         | 2               | 2:35 | 7.19 | 15.8                     | 1.40                 | 830.00    | 0.72                  | 1.20                       | 98.5     |
| DTW (FEET)           | 9.93       | 3               |      |      |                          |                      |           |                       |                            |          |
| DTB (FEET)           | 14.65      | 4               |      |      |                          |                      |           |                       |                            |          |
| DTB - DTW            | 4.72       | 5               |      |      |                          |                      |           |                       |                            |          |
| CAPACITY PER<br>FOOT | 0.853 - 4" | 6               |      |      |                          |                      |           |                       |                            |          |
|                      | 0.163 - 2" |                 |      |      |                          |                      |           |                       |                            |          |

## PURGING DATA

|                      |          |                          |                          |
|----------------------|----------|--------------------------|--------------------------|
| 3 WELL<br>VOLUMES    | 7        | WEATHER CONDITIONS:      |                          |
| PURGE DATE           | 12/13/22 | WATER APPEARANCE / ODOR: | Sunny<br>Clear / NO odor |
| END OF<br>PURGE TIME | 2:35     | COMMENTS:                |                          |
| PURGE<br>AMOUNT      | 7        |                          |                          |
| DTW (FEET)           | 22.15    |                          |                          |

## SAMPLING DATA

|             |          |                          |                          |
|-------------|----------|--------------------------|--------------------------|
| SAMPLE DATE | 12/14/22 | WEATHER CONDITIONS:      |                          |
| DTW (FEET)  | 9.92     | WATER APPEARANCE / ODOR: | Sunny<br>Clear / NO odor |
| SAMPLE TIME | 11:15    | COMMENTS:                |                          |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINER | PRESERVATIVE                                  |
|-----------|-------------------------|---------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                   | HCL                                           |
|           | 40 ML VOA               | 2                   | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                   | NEAT                                          |
|           | 500 ML AMBER            | 1                   | NEAT                                          |
|           | 250 ML PLASTIC          | 1                   | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                   | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                   | NaOH                                          |

INSTRUMENTS USED WATER QUALITY METER

COMPLETED BY:

SIGNATURE:

## MARATHON GALLUP REFINERY

4th  
FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |       |      |                          |                      |           |                |                            |          |
|----------------------|------------|-----------------|-------|------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| KA-3                 |            | Volumes         | TIME  | pH   | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | CRP (mv) |
| GAUGE DATE           | 12/1/22    | Initial         | 11:20 | 7.28 | 15.6                     | 2.19                 | 1398.50   | 1.11           | 1.48                       | 20.7     |
| GAUGE TIME           |            | 1               | 11:45 | 7.28 | 16.1                     | 2.18                 | 1411.50   | 1.15           | 1.56                       | 26.8     |
| DHC (FEET)           | NA         | 2               |       |      |                          |                      |           |                |                            |          |
| DTW (FEET)           | 11.12      | 3               |       |      |                          |                      |           |                |                            |          |
| DTB (FEET)           | 31.65      | 4               |       |      |                          |                      |           |                |                            |          |
| DTB - DTW            | 20.53      | 5               |       |      |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.853 - 4" | 6               |       |      |                          |                      |           |                |                            |          |
|                      | 0.163 - 2" |                 |       |      |                          |                      |           |                |                            |          |

## PURGING DATA

|                      |          |                          |                 |
|----------------------|----------|--------------------------|-----------------|
| 3 WELL<br>VOLUMES    | 10       | WEATHER CONDITIONS:      | Sunny           |
| PURGE DATE           | 12/13/22 | WATER APPEARANCE / ODOR: | Clear / No odor |
| END OF<br>PURGE TIME | 10:00    | COMMENTS:                | Purged Dry      |
| PURGE<br>AMOUNT      | 4        |                          |                 |
| DTW (FEET)           | DRY      |                          |                 |

## SAMPLING DATA

|             |          |                          |                 |
|-------------|----------|--------------------------|-----------------|
| SAMPLE DATE | 12/14/22 | WEATHER CONDITIONS:      | Sunny           |
| DTW (FEET)  | 10.93    | WATER APPEARANCE / ODOR: | Clear / No odor |
| SAMPLE TIME | 11:30    | COMMENTS:                |                 |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

|                  |                     |
|------------------|---------------------|
| INSTRUMENTS USED | WATER QUALITY METER |
|------------------|---------------------|

COMPLETED BY:

SIGNATURE:



## MARATHON GALLUP REFINERY

4th

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |      |      |                          |                      |            |                |                            |          |
|----------------------|------------|-----------------|------|------|--------------------------|----------------------|------------|----------------|----------------------------|----------|
| OW-12A               |            | Volumes         | TIME | pH   | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | CRP (mg) |
| GAUGE DATE           | 12/1/22    | Initial         | 3:06 | 6.56 | 13.7                     | 4.39                 | 28.57.50   | 2.36           | 11.09                      | 286.6    |
| GAUGE TIME           |            | 1               | 3:09 | 6.56 | 14.0                     | 4.44                 | 2886.00    | 2.38           | 1.00                       | 266.2    |
| DHC (FEET)           | NA         | 2               | 3:09 | 6.58 | 13.9                     | 4.461                | 2886.50    | 2.38           | 0.90                       | 257.1    |
| DTW (FEET)           | 26.05      | 3               |      |      |                          |                      |            |                |                            |          |
| DTB (FEET)           | 33.20      | 4               |      |      |                          |                      |            |                |                            |          |
| DTB - DTW            | 7.15       | 5               |      |      |                          |                      |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.853 - 4" | 6               |      |      |                          |                      |            |                |                            |          |
|                      | 0.163 - 2" |                 |      |      |                          |                      |            |                |                            |          |

## PURGING DATA

|                      |                          |                          |                 |
|----------------------|--------------------------|--------------------------|-----------------|
| 3 WELL<br>VOLUMES    | 3.5                      | WEATHER CONDITIONS:      | Cloudy          |
| PURGE DATE           | 12/6/22                  | WATER APPEARANCE / ODOR: | Clear / No odor |
| END OF<br>PURGE TIME | 3:10<br><del>12:00</del> | COMMENTS:                |                 |
| PURGE<br>AMOUNT      | 3.5                      |                          |                 |
| DTW (FEET)           | 30.75                    |                          |                 |

## SAMPLING DATA

|             |          |                          |                 |
|-------------|----------|--------------------------|-----------------|
| SAMPLE DATE | 12/17/22 | WEATHER CONDITIONS:      | Cloudy          |
| DTW (FEET)  | 30.12    | WATER APPEARANCE / ODOR: | Clear / No odor |
| SAMPLE TIME | 10:05    | COMMENTS:                |                 |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED WATER QUALITY METER

COMPLETED BY:

SIGNATURE:

## MARATHON GALLUP REFINERY

4th QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |       |      |                          |                      |            |                       |                            |          |
|----------------------|------------|-----------------|-------|------|--------------------------|----------------------|------------|-----------------------|----------------------------|----------|
| 06-66                |            | Volumes         | TIME  | pH   | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (mg/L) | Specific Gravity (pH) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/1/22    | Initial         | 12:00 | 6.88 | 14.41                    | 2.10                 | 1515.00    | 1.10                  | 1.11                       | 89.2     |
| GAUGE TIME           |            | 1               | 12:05 | 6.92 | 14.2                     | 2.12                 | 1498.50    | 1.12                  | 1.05                       | 96.5     |
| DHC (FEET)           | N/A        | 2               | 12:10 | 6.90 | 14.0                     | 2.12                 | 1485.00    | 1.12                  | 1.02                       | 91.5     |
| DTW (FEET)           | 19.00      | 3               |       |      |                          |                      |            |                       |                            |          |
| DTB (FEET)           | 27.75      | 4               |       |      |                          |                      |            |                       |                            |          |
| DTB - DTW            | 8.75       | 5               |       |      |                          |                      |            |                       |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6               |       |      |                          |                      |            |                       |                            |          |
|                      | 0.163 - 2" |                 |       |      |                          |                      |            |                       |                            |          |

## PURGING DATA

|                      |         |                          |                        |
|----------------------|---------|--------------------------|------------------------|
| 3 WELL<br>VOLUMES    | 4.5     | WEATHER CONDITIONS:      | Cloudy                 |
| PURGE DATE           | 12/6/22 | WATER APPEARANCE / ODOR: | Clear / Slight HC odor |
| END OF<br>PURGE TIME | 12:10   | COMMENTS:                |                        |
| PURGE<br>AMOUNT      | 4.5     |                          |                        |
| DTW (FEET)           | 23.10   |                          |                        |

## SAMPLING DATA

|             |          |                          |                        |
|-------------|----------|--------------------------|------------------------|
| SAMPLE DATE | 12/27/22 | WEATHER CONDITIONS:      | Cloudy                 |
| DTW (FEET)  | 18.95    | WATER APPEARANCE / ODOR: | Clear / Slight HC odor |
| SAMPLE TIME | 12:05    | COMMENTS:                |                        |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 3                    | HCL                                           |
|           | 40 ML VOA               | 2                    | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEXT                                          |
|           | 500 ML AMBER            | 1                    | NEXT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

|                  |                     |
|------------------|---------------------|
| INSTRUMENTS USED | WATER QUALITY METER |
|------------------|---------------------|

COMPLETED BY:

SIGNATURE:

## MARATHON GALLUP REFINERY

4/22 ~~12/22~~ QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |       |      |                          |                      |           |                |                            |          |
|----------------------|------------|-----------------|-------|------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| OW-67                |            | Volumes         | TIME  | pH   | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | CRP (mv) |
| GAUGE DATE           | 12/1/22    | Initial         | 10:35 | 6.40 | 12.8                     | 15.22                | 985.65    | 8.95           | 0.95                       | 60.2     |
| GAUGE TIME           |            | 1               | 10:45 | 6.48 | 13.7                     | 15.11                | 1005.50   | 9.03           | 1.02                       | 58.2     |
| DHC (FEET)           | NA         | 2               | 10:30 | 6.51 | 12.9                     | 15.32                | 1612.00   | 9.18           | 1.05                       | 61.5     |
| DTW (FEET)           | 12.76      | 3               |       |      |                          |                      |           |                |                            |          |
| DTB (FEET)           | 27.45      | 4               |       |      |                          |                      |           |                |                            |          |
| DTB - DTW            | 14.75      | 5               |       |      |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.853 - 4" | 6               |       |      |                          |                      |           |                |                            |          |
|                      | 0.163 - 2" |                 |       |      |                          |                      |           |                |                            |          |

## PURGING DATA

|                      |          |                          |                 |
|----------------------|----------|--------------------------|-----------------|
| 3 WELL<br>VOLUMES    | 7.25     | WEATHER CONDITIONS:      | Cloudy          |
| PURGE DATE           | 12/27/22 | WATER APPEARANCE / ODOR: | Brown / No odor |
| END OF<br>PURGE TIME | 10:50    | COMMENTS:                |                 |
| PURGE<br>AMOUNT      | 7.25     |                          |                 |
| DTW (FEET)           | 26.50    |                          |                 |

## SAMPLING DATA

|             |          |                          |                    |
|-------------|----------|--------------------------|--------------------|
| SAMPLE DATE | 12/28/22 | WEATHER CONDITIONS:      | Cloudy             |
| DTW (FEET)  | 12.15    | WATER APPEARANCE / ODOR: | Brownish / No odor |
| SAMPLE TIME | 10:20    | COMMENTS:                |                    |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED WATER QUALITY METER

COMPLETED BY:

SIGNATURE

## MARATHON GALLUP REFINERY

4/18

FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |       |      |                          |                      |            |                |                            |          |
|----------------------|------------|-----------------|-------|------|--------------------------|----------------------|------------|----------------|----------------------------|----------|
| GW-68                |            | Volumes         | TIME  | pH   | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mV) |
| GAUGE DATE           | 12/1/21    | Initial         | 11:20 | 6.70 | 13.6                     | 12.65                | 8375.50    | 7.12           | 0.95                       | 63.5     |
| GAUGE TIME           |            | 1               | 11:25 | 6.75 | 13.95                    | 12.77                | 8250.00    | 7.25           | 1.44                       | 70.5     |
| DHC (FEET)           | NA         | 2               | 11:30 | 6.80 | 14.1                     | 12.70                | 8254.00    | 7.26           | 1.46                       | 79.3     |
| DTW (FEET)           | 18.66      | 3               |       |      |                          |                      |            |                |                            |          |
| DTB (FEET)           | 28.20      | 4               |       |      |                          |                      |            |                |                            |          |
| DTB - DTW            | 9.54       | 5               |       |      |                          |                      |            |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4' | 6               |       |      |                          |                      |            |                |                            |          |
|                      | 0.163 - 2' |                 |       |      |                          |                      |            |                |                            |          |

## PURGING DATA

|                      |          |                          |                 |
|----------------------|----------|--------------------------|-----------------|
| 3 WELL<br>VOLUMES    | 4.75     | WEATHER CONDITIONS:      | Cloudy          |
| PURGE DATE           | 12/27/22 | WATER APPEARANCE / ODOR: | Clear / No odor |
| END OF<br>PURGE TIME | 11:30    | COMMENTS:                |                 |
| PURGE<br>AMOUNT      | 4.75     |                          |                 |
| DTW (FEET)           | 16.15    |                          |                 |

## SAMPLING DATA

|             |          |                          |                 |
|-------------|----------|--------------------------|-----------------|
| SAMPLE DATE | 12/28/22 | WEATHER CONDITIONS:      | Cloudy          |
| DTW (FEET)  | 14.55    | WATER APPEARANCE / ODOR: | Clear / No odor |
| SAMPLE TIME | 11:00    | COMMENTS:                |                 |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINER | PRESERVATIVE                                  |
|-----------|-------------------------|---------------------|-----------------------------------------------|
|           | 40 ML VOA               | 5                   | HCL                                           |
|           | 40 ML VOA               | 2                   | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                   | NEAT                                          |
|           | 500 ML AMBER            | 1                   | NEAT                                          |
|           | 250 ML PLASTIC          | 1                   | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                   | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                   | NaOH                                          |

|                  |                     |
|------------------|---------------------|
| INSTRUMENTS USED | WATER QUALITY METER |
|------------------|---------------------|

COMPLETED BY:

SIGNATURE:



## MARATHON GALLUP REFINERY

4/21 FIRST QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |       |      |                          |                      |           |                |                            |          |
|----------------------|------------|-----------------|-------|------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| <b>OU-70</b>         |            | Volumes         | TIME  | pH   | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/11/22   | Initial         | 11:05 | 8.08 | 13.9                     | 1.12                 | 856.50    | 0.60           | 0.85                       | 171.5    |
| GAUGE TIME           |            | 1               | 11:10 | 8.07 | 12.8                     | 1.13                 | 860.2     | 0.58           | 0.87                       | 168.3    |
| DHC (FEET)           | NA         | 2               | 11:15 | 8.08 | 13.2                     | 1.10                 | 869.5     | 0.61           | 0.85                       | 166.5    |
| DTW (FEET)           | 31.95      | 3               |       |      |                          |                      |           | 0.65           | 0.81                       |          |
| DTB (FEET)           | 47.70      | 4               |       |      |                          |                      |           |                |                            |          |
| DTB - DTW            | 15.78      | 5               |       |      |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6               |       |      |                          |                      |           |                |                            |          |
|                      | 0.163 - 2" |                 |       |      |                          |                      |           |                |                            |          |

## PURGING DATA

|                      |          |                          |                    |
|----------------------|----------|--------------------------|--------------------|
| 3 WELL<br>VOLUMES    | 7.5      | WEATHER CONDITIONS:      | Cloudy / Windy     |
| PURGE DATE           | 12/13/22 | WATER APPEARANCE / ODOR: | Brownish / No odor |
| END OF<br>PURGE TIME | 11:15    | COMMENTS:                |                    |
| PURGE<br>AMOUNT      | 7.5      |                          |                    |
| DTW (FEET)           | 33.80    |                          |                    |

## SAMPLING DATA

|             |          |                          |                    |
|-------------|----------|--------------------------|--------------------|
| SAMPLE DATE | 12/14/22 | WEATHER CONDITIONS:      | Sunny Windy        |
| DTW (FEET)  | 33.15    | WATER APPEARANCE / ODOR: | Brownish / No odor |
| SAMPLE TIME | 10:25    | COMMENTS:                |                    |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED

WATER QUALITY METER

COMPLETED BY:

SIGNATURE:

## 4.5

**THIRD QUARTER 2021**

Released to Imaging: 4/21/2023 9:37:45 AM

COMPILED BY:

SIGNATURE:



## MARATHON PETROLEUM COMPANY - GALLUP REFINERY

4th

SECOND QUARTER 2021

| WELL ID              |                                                   | TEST PARAMETERS      |                                               |    |                          |                      |           |                |                            |          |
|----------------------|---------------------------------------------------|----------------------|-----------------------------------------------|----|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| EP-6                 |                                                   | Volumes              | TIME                                          | pH | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 6/2/21                                            | Initial:             |                                               |    |                          |                      |           |                |                            |          |
| GAUGE TIME           |                                                   | 1                    |                                               |    |                          |                      |           |                |                            |          |
| DHC (FEET)           |                                                   | 2                    |                                               |    |                          |                      |           |                |                            |          |
| DTW (FEET)           |                                                   | 3                    |                                               |    |                          |                      |           |                |                            |          |
| DTB (FEET)           |                                                   | 4                    |                                               |    |                          |                      |           |                |                            |          |
| DTB - DTW            |                                                   | 5                    |                                               |    |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.74 - 4"<br>0.163 - 2"                           | 6                    |                                               |    |                          |                      |           |                |                            |          |
| PURGING DATA         |                                                   |                      |                                               |    |                          |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    | WEATHER CONDITIONS:                               |                      |                                               |    |                          |                      |           |                |                            |          |
| PURGE DATE           | WATER APPEARANCE / ODOR:                          |                      |                                               |    |                          |                      |           |                |                            |          |
| END OF<br>PURGE TIME | COMMENTS:                                         |                      |                                               |    |                          |                      |           |                |                            |          |
| PURGE<br>AMOUNT      | Could not get samples due to<br>Pond being Frozen |                      |                                               |    |                          |                      |           |                |                            |          |
| DTW (FEET)           |                                                   |                      |                                               |    |                          |                      |           |                |                            |          |
| SAMPLING DATA        |                                                   |                      |                                               |    |                          |                      |           |                |                            |          |
| SAMPLE DATE          | WEATHER CONDITIONS:                               |                      |                                               |    |                          |                      |           |                |                            |          |
| DTW (FEET)           | WATER APPEARANCE / ODOR:                          |                      |                                               |    |                          |                      |           |                |                            |          |
| SAMPLE TIME          | COMMENTS:                                         |                      |                                               |    |                          |                      |           |                |                            |          |
| SAMPLE LOG           |                                                   |                      |                                               |    |                          |                      |           |                |                            |          |
| SAMPLE ID            | CONTAINER TYPE                                    | NUMBER OF CONTAINERS | PRESERVATIVE                                  |    |                          |                      |           |                |                            |          |
|                      | 40 ML VOA                                         | 5                    | HCL                                           |    |                          |                      |           |                |                            |          |
|                      | 40 ML VOA                                         | 3                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |    |                          |                      |           |                |                            |          |
|                      | 1 LITER AMBER                                     |                      | NEAT                                          |    |                          |                      |           |                |                            |          |
|                      | 250 ML AMBER                                      | 1                    | NEAT                                          |    |                          |                      |           |                |                            |          |
|                      | 250 ML PLASTIC                                    | 1                    | HNO <sub>3</sub>                              |    |                          |                      |           |                |                            |          |
|                      | 125 ML PLASTIC                                    | 1                    | HNO <sub>3</sub>                              |    |                          |                      |           |                |                            |          |
|                      | 125 ML PLASTIC                                    | 1                    | H <sub>2</sub> SO <sub>4</sub>                |    |                          |                      |           |                |                            |          |
|                      | 125 ML PLASTIC                                    | 1                    | NEAT                                          |    |                          |                      |           |                |                            |          |
| INSTRUMENTS USED     | OIL / WATER INTERFACE PROBE                       |                      |                                               |    |                          |                      |           |                |                            |          |
|                      | WATER QUALITY METER                               |                      |                                               |    |                          |                      |           |                |                            |          |

COMPLETED BY:

SIGNATURE:

## MARATHON PETROLEUM COMPANY - GALLUP REFINERY

4/6 2022 QUARTER 2022

| WELL ID              |                         | TEST PARAMETERS             |                      |    |                          |                      |                                               |                |                            |          |
|----------------------|-------------------------|-----------------------------|----------------------|----|--------------------------|----------------------|-----------------------------------------------|----------------|----------------------------|----------|
| Oil Sample 694       |                         | Volumes                     | TIME                 | pH | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L)                                     | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 10/1/12                 | Initial                     |                      |    |                          |                      |                                               |                |                            |          |
| GAUGE TIME           |                         | 1                           |                      |    |                          |                      |                                               |                |                            |          |
| DHC (FEET)           |                         | 2                           |                      |    |                          |                      |                                               |                |                            |          |
| DTW (FEET)           |                         | 3                           |                      |    |                          |                      |                                               |                |                            |          |
| DTB (FEET)           |                         | 4                           |                      |    |                          |                      |                                               |                |                            |          |
| DTB - DTW            |                         | 5                           |                      |    |                          |                      |                                               |                |                            |          |
| CAPACITY PER<br>FOOT | 0.74 - 4"<br>0.163 - 2" | 6                           |                      |    |                          |                      |                                               |                |                            |          |
| PURGING DATA         |                         |                             |                      |    |                          |                      |                                               |                |                            |          |
| 3 WELL<br>VOLUMES    |                         | WEATHER CONDITIONS:         |                      |    |                          |                      |                                               |                |                            |          |
| PURGE DATE           |                         | WATER APPEARANCE / ODOR:    |                      |    |                          |                      |                                               |                |                            |          |
| END OF<br>PURGE TIME |                         | COMMENTS:                   |                      |    |                          |                      |                                               |                |                            |          |
| PURGE<br>AMOUNT      |                         | Never Sampled               |                      |    |                          |                      |                                               |                |                            |          |
| DTW (FEET)           |                         | Did not Sample              |                      |    |                          |                      |                                               |                |                            |          |
| SAMPLING DATA        |                         |                             |                      |    |                          |                      |                                               |                |                            |          |
| SAMPLE DATE          |                         | WEATHER CONDITIONS:         |                      |    |                          |                      |                                               |                |                            |          |
| DTW (FEET)           |                         | WATER APPEARANCE / ODOR:    |                      |    |                          |                      |                                               |                |                            |          |
| SAMPLE TIME          |                         | COMMENTS:                   |                      |    |                          |                      |                                               |                |                            |          |
| SAMPLE LOG           |                         |                             |                      |    |                          |                      |                                               |                |                            |          |
| SAMPLE ID            |                         | CONTAINER TYPE              | NUMBER OF CONTAINERS |    |                          |                      | PRESERVATIVE                                  |                |                            |          |
|                      |                         | 40 ML VOA                   | 5                    |    |                          |                      | HCL                                           |                |                            |          |
|                      |                         | 40 ML VOA                   | 3                    |    |                          |                      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                |                            |          |
|                      |                         | 1 LITER AMBER               |                      |    |                          |                      | NEAT                                          |                |                            |          |
|                      |                         | 250 ML AMBER                | 1                    |    |                          |                      | NEAT                                          |                |                            |          |
|                      |                         | 250 ML PLASTIC              | 1                    |    |                          |                      | HNO <sub>3</sub>                              |                |                            |          |
|                      |                         | 125 ML PLASTIC              | 1                    |    |                          |                      | HNO <sub>3</sub>                              |                |                            |          |
|                      |                         | 125 ML PLASTIC              | 1                    |    |                          |                      | H <sub>2</sub> SO <sub>4</sub>                |                |                            |          |
|                      |                         | 125 ML PLASTIC              | 1                    |    |                          |                      | NEAT                                          |                |                            |          |
| INSTRUMENTS USED     |                         | OIL / WATER INTERFACE PROBE |                      |    |                          |                      |                                               |                |                            |          |
|                      |                         | WATER QUALITY METER         |                      |    |                          |                      |                                               |                |                            |          |

COMPLETED BY:

SIGNATURE:

474

ROLEUM COMPANY - GALLUP REFINERY  
~~SECOND~~ QUARTER 2021

Received by OCD: 4/21/2023 8:54:24 AM

**BW-5B**  
 GAUGE DATE 12/4/21  
 GAUGE TIME  
 DHO (FEET) N.A.  
 DTW (FEET) 10.30  
 DTB (FEET) 54.35  
 DTB - DTW 44.05  
 CAPACITY PER FOOT 0.74 - 4"  
 FCOT 0.163 - 2"

## TEST PARAMETERS

| TIME | pH | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
|------|----|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| 1:20 |    |                          |                      |           |                |                            |          |
| 1:30 |    |                          |                      |           |                |                            |          |
|      |    |                          |                      |           |                |                            |          |
|      |    |                          |                      |           |                |                            |          |
|      |    |                          |                      |           |                |                            |          |
|      |    |                          |                      |           |                |                            |          |
|      |    |                          |                      |           |                |                            |          |

## PURGING DATA

3 WELL  
 VOLUMES 21.50  
 PURGE DATE 12/21  
 END OF  
 PURGE TIME 1:30  
 PURGE  
 AMOUNT 9.5  
 DTW (FEET) DRY

## WEATHER CONDITIONS:

Cloudy / Windy

## WATER APPEARANCE / ODOR:

Clear - no odor

## COMMENTS:

Purged Day

## SAMPLING DATA

SAMPLE DATE 12/22  
 DTW (FEET) 10.30  
 SAMPLE TIME 10:00

## WEATHER CONDITIONS:

Cloudy / Windy

## WATER APPEARANCE / ODOR:

No odor

## SAMPLE LOG

| SAMPLE TYPE    | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|----------------|----------------------|-----------------------------------------------|
| 40 ML VOA      | 5                    | HCL                                           |
| 40 ML VOA      | 3                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
| 1 LITER AMBER  |                      | NEAT                                          |
| 150 ML AMBER   | 1                    | NEAT                                          |
| 250 ML PLASTIC | 1                    | HNO <sub>3</sub>                              |
| 125 ML PLASTIC | 1                    | HNO <sub>3</sub>                              |
| 125 ML PLASTIC | 1                    | H <sub>2</sub> SO <sub>4</sub>                |
| 125 ML PLASTIC | 1                    | NEAT                                          |

## INSTRUMENTS USED:

WATER INTERFACE PROBE

QUALITY METER

SIGNATURE: \_\_\_\_\_

Page 423 of 656

BLW-5C  
 GAUGE DATE 12/4/22  
 GAUGE TIME  
 DHC (FEET) N/A  
 DTW (FEET) 11.08  
 DTB (FEET) 69.68  
 DTB - DTW 69.57  
 CAPACITY PER FOOT 0.74 ft<sup>3</sup>  
 FOOT 0.668 - 2

## TEST PARAMETERS

| TIME | pH | Temperature Degrees C | Conductivity (mS) | TDS (g/L) | Salinity (ppt) | Dissolved Oxygen (mg/L) | ORP (mv) |
|------|----|-----------------------|-------------------|-----------|----------------|-------------------------|----------|
| 1    |    |                       |                   |           |                |                         |          |
| 2    |    |                       |                   |           |                |                         |          |
| 3    |    |                       |                   |           |                |                         |          |
| 4    |    |                       |                   |           |                |                         |          |
| 5    |    |                       |                   |           |                |                         |          |
| 6    |    |                       |                   |           |                |                         |          |

## PURGING DATA

3 WELL VOLUMES 32.06  
 PURGE DATE 12/21/22  
 END OF PURGE TIME 2:15  
 PURGE AMOUNT 32.06  
 DTW (FEET) 5.05

## WELL HEAD CONDITIONS:

APPEARANCE / ODOR: Cloudy / Windy  
 BROWN / NO ODO

## SAMPLING DATA

SAMPLE DATE 12/27/22  
 DTW (FEET) 4.20  
 SAMPLE TIME 10:00

## WELL HEAD CONDITIONS:

APPEARANCE / ODOR: Cloudy / Windy  
 BROWN / NO ODO

## SAMPLE LOG

SAMPLE TYPE  
 500 ML VOA  
 1 LITER AMBER  
 250 ML AMBER  
 250 ML PLASTIC  
 125 ML PLASTIC  
 125 ML PLASTIC  
 125 ML PLASTIC

| CONTAINER TYPE | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|----------------|----------------------|-----------------------------------------------|
| 500 ML VOA     | 5                    | HCL                                           |
| 500 ML VOA     | 3                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
| 1 LITER AMBER  |                      | NEAT                                          |
| 250 ML AMBER   | 1                    | NEAT                                          |
| 250 ML PLASTIC | 1                    | HNO <sub>3</sub>                              |
| 125 ML PLASTIC | 1                    | HNO <sub>3</sub>                              |
| 125 ML PLASTIC | 1                    | H <sub>2</sub> SO <sub>4</sub>                |
| 125 ML PLASTIC | 1                    | NEAT                                          |

NO. OF METER TESTS

ALTR INTERFACE PROBE

QUALITY METER

SIGNATURE: \_\_\_\_\_

OPI5-1

GAUGE DATE  
GAUGE TIME  
DHC (FEET) N.A.  
DTW (FEET) 12.35  
DTB (FEET) 27.95  
DTB - DTW 15.60  
CAPACITY PER FOOT 0.174 - 1"  
FOOT 0.163 - 2"

## TEST PARAMETERS

| TIME  | pH   | Temperature Degrees C | Conductivity (mS) | TDS (g/L) | Salinity (ppt) | Dissolved Oxygen (mg/L) | ORP (mv) |
|-------|------|-----------------------|-------------------|-----------|----------------|-------------------------|----------|
| 11:10 | 7.46 | 13.8                  | 4.77              | 2861.50   | 2.50           | 1.60                    | 147.6    |
| 11:20 | 7.38 | 14.0                  | 4.80              | 2760.50   | 2.45           | 2.03                    | 136.5    |
|       |      |                       |                   |           |                |                         |          |
|       |      |                       |                   |           |                |                         |          |
|       |      |                       |                   |           |                |                         |          |
|       |      |                       |                   |           |                |                         |          |
|       |      |                       |                   |           |                |                         |          |
|       |      |                       |                   |           |                |                         |          |

## PURGING DATA

3 WELL  
VOLUMES 7.5  
PURGE DATE 12/14  
END OF PURGE TIME 10:45  
PURGE AMOUNT 6.5  
DTW (FEET) Dry

## WATER CONDITIONS:

## WATER APPEARANCE / ODOR:

## TASTES:

cloudy

Yellowish / No odor

Purged Dry

## SAMPLING DATA

SAMPLE DATE 12/15  
DTW (FEET) 22.36  
SAMPLE TIME 11:10

## WATER CONDITIONS:

## WATER APPEARANCE / ODOR:

## TASTES:

cloudy

Yellowish No odor

## SAMPLE LOG

| CONTAINER TYPE     | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|--------------------|----------------------|-----------------------------------------------|
| 5 LITER VOA        | 5                    | HCL                                           |
| 50 ML VOA          | 3                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
| 1 LITER AMBER      |                      | NEAT                                          |
| 50 ML AMBER        | 1                    | NEAT                                          |
| 250 ML PLASTIC     | 1                    | HNO <sub>3</sub>                              |
| 125 ML PLASTIC     | 1                    | HNO <sub>3</sub>                              |
| 125 ML PLASTIC     | 1                    | H <sub>2</sub> SO <sub>4</sub>                |
| 125 ML PLASTIC     | 1                    | NEAT                                          |
| INTERFERENCE PROBE |                      |                                               |
| QUALITY METER      |                      |                                               |

COMP

SIGNATURE:

OW-11  
 GAUGE DATE 12/4/22  
 GAUGE TIME  
 DHC (FEET) 18.87  
 DTW (FEET) 18.98  
 DTB (FEET)  
 DTB - DTW  
 CAPACITY FEET 0.74 - 1"  
 FOOT 0.168 - 2"

## TEST PARAMETERS

| TIME | pH | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
|------|----|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| 1    |    |                          |                      |           |                |                            |          |
| 2    |    |                          |                      |           |                |                            |          |
| 3    |    |                          |                      |           |                |                            |          |
| 4    |    |                          |                      |           |                |                            |          |
| 5    |    |                          |                      |           |                |                            |          |
| 6    |    |                          |                      |           |                |                            |          |

## PURGING DATA

3 WELL  
 VOLUMES

PURGE DATE

END OF  
 PURGE TIME

PURGE  
 AMOUNT

DTW (FEET)

WATER CONDITIONS:

APPEARANCE / ODOR:

CONTENTS:

HAS Product

## SAMPLING DATA

SAMPLE DATE

DTW (FEET)

SAMPLE TIME

WATER CONDITIONS:

APPEARANCE / ODOR:

CONTENTS:

## SAMPLE LOG

| SAMPLE TYPE    | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|----------------|----------------------|-----------------------------------------------|
| 1 LITER VOA    | 5                    | HCL                                           |
| 10 ML VOA      | 3                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
| 1 LITER AMBER  |                      | NEAT                                          |
| 150 ML AMBER   | 1                    | NEAT                                          |
| 250 ML PLASTIC | 1                    | HNO <sub>3</sub>                              |
| 125 ML PLASTIC | 1                    | HNO <sub>3</sub>                              |
| 125 ML PLASTIC | 1                    | H <sub>2</sub> SO <sub>4</sub>                |
| 125 ML PLASTIC | 1                    | NEAT                                          |
| INSTRUMENTS    | AIR INTERFACE PROBE  |                                               |
|                | QUALITY METER        |                                               |

SIGNATURE:



4th QUARTER 2022

## TEST PARAMETERS

| GAUGE DATE  | TIME  | pH   | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
|-------------|-------|------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| 06-29       | 11:15 | 7.08 | 14.2                     | 1.66                 | 1136.58   | 0.83           | 0.66                       | -2.5     |
| GAUGE TIME  | 11:25 | 7.09 | 14.3                     | 1.63                 | 1080.00   | 0.80           | 0.83                       | -1.8     |
| DHC (FEET)  |       |      |                          |                      |           |                |                            |          |
| DTW (FEET)  |       |      |                          |                      |           |                |                            |          |
| DTB (FEET)  |       |      |                          |                      |           |                |                            |          |
| DTB - DTW   |       |      |                          |                      |           |                |                            |          |
| CAPACITANCE |       |      |                          |                      |           |                |                            |          |
| FOOT        |       |      |                          |                      |           |                |                            |          |

## PURGING DATA

3 WELL VOLUMES: 12/65.50  
 PURGE DATE: 12/24  
 END OF PURGE TIME: 10.06  
 PURGE AMOUNT: 23.06  
 DTW (FEET): DRY

WATER CONDITIONS:

Cloudy

APPEARANCE / ODOR:

Clear / No odor

FINAL ENTRY:

Purged Dry

## SAMPLING DATA

SAMPLE DATE: 12/27  
 DTW (FEET): 18.45  
 SAMPLE TIME: 11:15

WATER CONDITIONS:

Clear / No odor

APPEARANCE / ODOR:

Purged Dry

Sunny

## SAMPLE LOG

| SAMPLE TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|----------------------|----------------------|-----------------------------------------------|
| 1 LITER VOA          | 5                    | HCL                                           |
| 500 ML VOA           | 3                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
| 1 LITER AMBER        |                      | NEAT                                          |
| 250 ML AMBER         | 1                    | NEAT                                          |
| 250 ML PLASTIC       | 1                    | HNO <sub>3</sub>                              |
| 125 ML PLASTIC       | 1                    | HNO <sub>3</sub>                              |
| 125 ML PLASTIC       | 1                    | H <sub>2</sub> SO <sub>4</sub>                |
| 125 ML PLASTIC       | 1                    | NEAT                                          |
| DATA INTERFACE PROBE |                      |                                               |
| QUALITY METER        |                      |                                               |

SIGNATURE: \_\_\_\_\_

STP1-NW

GAUGE DATE 12/14/22

GAUGE TIME

DHC (FEET) NA

DTW (FEET) 20.75

DTB (FEET) 49.56

DTB - DTW

CAPACITYPE 0.74 4"

FCOT 0.163 - 2"

## TEST PARAMETERS

| TIME  | pH   | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
|-------|------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| 12:20 | 7.65 | 14.3                     | 6.36                 | 4153.48   | 3.2            | 4.77                       | 86.9     |
| 12:25 | 7.60 | 14.6                     | 6.21                 | 4112.58   | 3.3            | 4.69                       | 76.4     |
| 12:30 | 7.61 | 13.8                     | 6.20                 | 4098.00   | 3.3            | 4.68                       | 73.2     |
|       |      |                          |                      |           |                |                            |          |
|       |      |                          |                      |           |                |                            |          |
|       |      |                          |                      |           |                |                            |          |

## PURGING DATA

3 WELL  
VOLUMES 14

PURGE DATE 12/14

END OF  
PURGE TIME 12:30

PURGE  
AMOUNT 14

DTW (FEET) 43.51

## WATER CONDITIONS:

Cloudy / Windy

WATER APPEARANCE / ODOR: Clear / No odor

REMARKS:

## SAMPLING DATA

SAMPLE DATE 12/15

DTW (FEET) 46.56

SAMPLE TIME 16:30

## WATER CONDITIONS:

Cloudy / ~~No odor~~ - Windy

WATER APPEARANCE / ODOR: Clear / No odor

REMARKS:

## SAMPLE LOG

| CONTAINER TYPE   | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|------------------|----------------------|-----------------------------------------------|
| 500 ML VOA       | 5                    | HCL                                           |
| 400 ML VOA       | 3                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
| 1 LITER AMBER    |                      | NEAT                                          |
| 150 ML AMBER     | 1                    | NEAT                                          |
| 250 ML PLASTIC   | 1                    | HNO <sub>3</sub>                              |
| 125 ML PLASTIC   | 1                    | HNO <sub>3</sub>                              |
| 125 ML PLASTIC   | 1                    | H <sub>2</sub> SO <sub>4</sub>                |
| 125 ML PLASTIC   | 1                    | NEAT                                          |
| INSTRUMENTS USED | AIR INTERFACE PROBE  |                                               |
|                  | QUALITY METER        |                                               |

SIGNATURE: \_\_\_\_\_

| WELL ID              |                         | TEST PARAMETERS                                    |                      |    |                          |                      |                                               |                |                            |          |
|----------------------|-------------------------|----------------------------------------------------|----------------------|----|--------------------------|----------------------|-----------------------------------------------|----------------|----------------------------|----------|
| STP1-SW              |                         | VOLUMES                                            | TIME                 | pH | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L)                                     | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           |                         | Initial                                            |                      |    |                          |                      |                                               |                |                            |          |
| GAUGE TIME           |                         | 1                                                  |                      |    |                          |                      |                                               |                |                            |          |
| DHC (FEET)           |                         | 2                                                  |                      |    |                          |                      |                                               |                |                            |          |
| DTW (FEET)           |                         | 3                                                  |                      |    |                          |                      |                                               |                |                            |          |
| DTB (FEET)           |                         | 4                                                  |                      |    |                          |                      |                                               |                |                            |          |
| DTB - DTW            |                         | 5                                                  |                      |    |                          |                      |                                               |                |                            |          |
| CAPACITY PER<br>FOOT | 0.74 - 4"<br>0.163 - 2" | 6                                                  |                      |    |                          |                      |                                               |                |                            |          |
| PURGING DATA         |                         |                                                    |                      |    |                          |                      |                                               |                |                            |          |
| 3 WELL<br>VOLUMES    |                         | WEATHER CONDITIONS:                                |                      |    |                          |                      |                                               |                |                            |          |
| PURGE DATE           |                         | WATER APPEARANCE / ODOR:                           |                      |    |                          |                      |                                               |                |                            |          |
| END OF<br>PURGE TIME |                         | COMMENTS: DRY                                      |                      |    |                          |                      |                                               |                |                            |          |
| PURGE<br>AMOUNT      |                         |                                                    |                      |    |                          |                      |                                               |                |                            |          |
| DTW (FEET)           |                         |                                                    |                      |    |                          |                      |                                               |                |                            |          |
| SAMPLING DATA        |                         |                                                    |                      |    |                          |                      |                                               |                |                            |          |
| SAMPLE DATE          |                         | WEATHER CONDITIONS:                                |                      |    |                          |                      |                                               |                |                            |          |
| DTW (FEET)           |                         | WATER APPEARANCE / ODOR:                           |                      |    |                          |                      |                                               |                |                            |          |
| SAMPLE TIME          |                         | COMMENTS:                                          |                      |    |                          |                      |                                               |                |                            |          |
| SAMPLE LOG           |                         |                                                    |                      |    |                          |                      |                                               |                |                            |          |
| SAMPLE ID            | TIME                    | CONTAINER TYPE                                     | NUMBER OF CONTAINERS |    |                          |                      | PRESERVATIVE                                  |                |                            |          |
|                      |                         | 40 ML VOA                                          | 5                    |    |                          |                      | HCL                                           |                |                            |          |
|                      |                         | 40 ML VOA                                          | 3                    |    |                          |                      | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                |                            |          |
|                      |                         | 1 LITER AMBER                                      |                      |    |                          |                      | NEAT                                          |                |                            |          |
|                      |                         | 250 ML AMBER                                       | 1                    |    |                          |                      | NEAT                                          |                |                            |          |
|                      |                         | 250 ML PLASTIC                                     | 1                    |    |                          |                      | HNO <sub>3</sub>                              |                |                            |          |
|                      |                         | 125 ML PLASTIC                                     | 1                    |    |                          |                      | HNO <sub>3</sub>                              |                |                            |          |
|                      |                         | 125 ML PLASTIC                                     | 1                    |    |                          |                      | H <sub>2</sub> SO <sub>4</sub>                |                |                            |          |
|                      |                         | 125 ML PLASTIC                                     | 1                    |    |                          |                      | NEAT                                          |                |                            |          |
| INSTRUMENTS USED     |                         | OIL / WATER INTERFACE PROBE<br>WATER QUALITY METER |                      |    |                          |                      |                                               |                |                            |          |

COMPLETED BY:

SIGNATURE:

PH-3

GAUGE DATE  
GAUGE TIME  
DHC (FEET)  
DTW (FEET)  
DTB (FEET)  
DTB - DTW  
CAPACITY PER FOOT

3 WELL  
VOLUMES  
PURGE DATE  
END OF  
PURGE TIME  
PURGE  
AMOUNT  
DTW (FEET)

SAMPLE DATE  
DTW (FEET)  
SAMPLE TIME

SAMPLE DATE

NS RUMPTIS MEI

| TEST PARAMETERS |      |                          |                      |           |                |                            |          |  |
|-----------------|------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|--|
| TIME            | pH   | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |  |
| 10:35           | 7.23 | 16.4                     | 1.20                 | 800.56    | 6.55           | 2.86                       | 106.3    |  |
| 10:40           | 7.20 | 16.2                     | 1.18                 | 765.50    | 6.54           | 2.83                       | 102.4    |  |
|                 |      |                          |                      |           |                |                            |          |  |
|                 |      |                          |                      |           |                |                            |          |  |
|                 |      |                          |                      |           |                |                            |          |  |
|                 |      |                          |                      |           |                |                            |          |  |
|                 |      |                          |                      |           |                |                            |          |  |
|                 |      |                          |                      |           |                |                            |          |  |

### PURGING DATA

WATER CONDITIONS:

WATER APPEARANCE / ODOR:

WATER COMMENTS:

### SAMPLING DATA

WATER CONDITIONS:

WATER APPEARANCE / ODOR:

WATER COMMENTS:

### SAMPLE LOG

| CONTAINER TYPE | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|----------------|----------------------|-----------------------------------------------|
| 50 ML VOA      | 5                    | HCL                                           |
| 40 ML VOA      | 3                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
| 1 LITER AMBER  |                      | NEAT                                          |
| 450 ML AMBER   | 1                    | NEAT                                          |
| 250 ML PLASTIC | 1                    | HNO <sub>3</sub>                              |
| 125 ML PLASTIC | 1                    | HNO <sub>3</sub>                              |
| 125 ML PLASTIC | 1                    | H <sub>2</sub> SO <sub>4</sub>                |
| 125 ML PLASTIC | 1                    | NEAT                                          |

WATER INTERFACE PROBE

QUALITY METER

SIGNATURE:

PW-4

GAUGE DATE

GAUGE TIME

DHC (FEET)

DTW (FEET)

DTB (FEET)

DTB - DTW

CAPACITANCE

FOOT

0.74

0.163 - 2"

## TEST PARAMETERS

| TIME | pH | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
|------|----|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| 1    |    |                          |                      |           |                |                            |          |
| 2    |    |                          |                      |           |                |                            |          |
| 3    |    |                          |                      |           |                |                            |          |
| 4    |    |                          |                      |           |                |                            |          |
| 5    |    |                          |                      |           |                |                            |          |
| 6    |    |                          |                      |           |                |                            |          |

## PURGING DATA

3 W. L.

VOLUMES

PURGE DATE

END OF

PURGE TIME

PURGE

AMOUNT

DTW (FEET)

WATER CONDITIONS:

APPEARANCE / ODOR:

TASTE:

WAS Told Not to get PW-4  
Sampled

## SAMPLING DATA

WATER CONDITIONS:

APPEARANCE / ODOR:

TASTE:

## SAMPLE LOG

| CONTAINER TYPE | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|----------------|----------------------|-----------------------------------------------|
| 5 LITER VOA    | 5                    | HCL                                           |
| 10 ML VOA      | 3                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
| 1 LITER AMBER  |                      | NEAT                                          |
| 250 ML AMBER   | 1                    | NEAT                                          |
| 250 ML PLASTIC | 1                    | HNO <sub>3</sub>                              |
| 125 ML PLASTIC | 1                    | HNO <sub>3</sub>                              |
| 125 ML PLASTIC | 1                    | H <sub>2</sub> SO <sub>4</sub>                |
| 125 ML PLASTIC | 1                    | NEAT                                          |

INSTRUMENTS

AIR INTERFACE PROBE

QUALITY METER

CO AP

SIGNATURE:

EAST LDU

GAUGE DATE  
GAUGE TIME  
DHC (FEET)  
DTW (FEET)  
DTB (FEET)  
DTB - DTW  
CAPACITY PER FOOT  
FOOT

| TEST PARAMETERS |    |                          |                      |           |                |                            |          |  |
|-----------------|----|--------------------------|----------------------|-----------|----------------|----------------------------|----------|--|
| TIME            | pH | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |  |
| 1               |    |                          |                      |           |                |                            |          |  |
| 2               |    |                          |                      |           |                |                            |          |  |
| 3               |    |                          |                      |           |                |                            |          |  |
| 4               |    |                          |                      |           |                |                            |          |  |
| 5               |    |                          |                      |           |                |                            |          |  |
| 6               |    |                          |                      |           |                |                            |          |  |

PURGING DATA

3 WELL  
VOLUMES  
PURGE DATE  
END OF  
PURGE TIME  
PURGE  
AMOUNT  
DTW (FEET)

WATER CONDITIONS:  
WATER APPEARANCE / ODOR:  
WATER TEMPERATURE:  
WATER pH:

SAMPLING DATA

SAMPLE DATE  
DTW (FEET)  
SAMPLE TIME

WATER CONDITIONS:  
WATER APPEARANCE / ODOR:  
WATER TEMPERATURE:  
WATER pH:

SAMPLE LOG

| CONTAINER TYPE       | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|----------------------|----------------------|-----------------------------------------------|
| 500 ML VOA           | 5                    | HCL                                           |
| 500 ML VOA           | 3                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
| 1 LITER AMBER        |                      | NEAT                                          |
| 50 ML AMBER          | 1                    | NEAT                                          |
| 250 ML PLASTIC       | 1                    | HNO <sub>3</sub>                              |
| 125 ML PLASTIC       | 1                    | HNO <sub>3</sub>                              |
| 125 ML PLASTIC       | 1                    | H <sub>2</sub> SO <sub>4</sub>                |
| 125 ML PLASTIC       | 1                    | NEAT                                          |
| AIR/ INTERFACE PROBE |                      |                                               |
| QUALITY METER        |                      |                                               |

SIGNATURE:



## MARATHON PETROLEUM COMPANY - GALLUP REFINERY

C7H-3RD QUARTER 2021 20

| WELL ID              |                          | TEST PARAMETERS                             |                      |    |                                               |                      |           |                |                            |          |
|----------------------|--------------------------|---------------------------------------------|----------------------|----|-----------------------------------------------|----------------------|-----------|----------------|----------------------------|----------|
| WEST-CDU             |                          | Volumes                                     | TIME                 | pH | Temperature<br>Degrees C                      | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           |                          | Initial                                     |                      |    |                                               |                      |           |                |                            |          |
| GAUGE TIME           |                          | 1                                           |                      |    |                                               |                      |           |                |                            |          |
| DHC (FEET)           |                          | 2                                           |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |                          | 3                                           |                      |    |                                               |                      |           |                |                            |          |
| DTB (FEET)           |                          | 4                                           |                      |    |                                               |                      |           |                |                            |          |
| DTB - DTW            |                          | 5                                           |                      |    |                                               |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.74 - 4"                | 6                                           |                      |    |                                               |                      |           |                |                            |          |
|                      | 0.163 - 2"               |                                             |                      |    |                                               |                      |           |                |                            |          |
| PURGING DATA         |                          |                                             |                      |    |                                               |                      |           |                |                            |          |
| 3 WELL<br>VOLUMES    | WEATHER CONDITIONS:      |                                             |                      |    |                                               |                      |           |                |                            |          |
| PURGE DATE           | WATER APPEARANCE / ODOR: |                                             |                      |    |                                               |                      |           |                |                            |          |
| END OF<br>PURGE TIME | COMMENTS:                |                                             |                      |    |                                               |                      |           |                |                            |          |
| PURGE<br>AMOUNT      |                          |                                             |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           |                          |                                             |                      |    |                                               |                      |           |                |                            |          |
| SAMPLING DATA        |                          |                                             |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE DATE          | 12/6                     | WEATHER CONDITIONS:<br>cloudy / windy       |                      |    |                                               |                      |           |                |                            |          |
| DTW (FEET)           | 1.26                     | WATER APPEARANCE / ODOR:<br>clear / no odor |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE TIME          | 11:00                    | COMMENTS:                                   |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE LOG           |                          |                                             |                      |    |                                               |                      |           |                |                            |          |
| SAMPLE ID            | TYPE                     | CONTAINER TYPE                              | NUMBER OF CONTAINERS |    | PRESERVATIVE                                  |                      |           |                |                            |          |
|                      |                          | 40 ML VOA                                   | 5                    |    | HCL                                           |                      |           |                |                            |          |
|                      |                          | 40 ML VOA                                   | 3                    |    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                      |           |                |                            |          |
|                      |                          | 1 LITER AMBER                               |                      |    | NEAT                                          |                      |           |                |                            |          |
|                      |                          | 250 ML AMBER                                | 1                    |    | NEAT                                          |                      |           |                |                            |          |
|                      |                          | 250 ML PLASTIC                              | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |                          | 125 ML PLASTIC                              | 1                    |    | HNO <sub>3</sub>                              |                      |           |                |                            |          |
|                      |                          | 125 ML PLASTIC                              | 1                    |    | H <sub>2</sub> SO <sub>4</sub>                |                      |           |                |                            |          |
|                      |                          | 125 ML PLASTIC                              | 1                    |    | NEAT                                          |                      |           |                |                            |          |
| INSTRUMENTS USED     |                          | OIL / WATER INTERFACE PROBE                 |                      |    |                                               |                      |           |                |                            |          |
|                      |                          | WATER QUALITY METER                         |                      |    |                                               |                      |           |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

CPL ~~SECOND~~ QUARTER 2022

|                              |                 |                         |                          |                         |            |                                               |                            |          |
|------------------------------|-----------------|-------------------------|--------------------------|-------------------------|------------|-----------------------------------------------|----------------------------|----------|
| POND ID                      |                 | SAMPLE DATE             |                          | SAMPLE TIME             |            |                                               |                            |          |
| EP-3                         |                 |                         |                          |                         |            |                                               |                            |          |
| SAMPLING DATA                |                 |                         |                          |                         |            |                                               |                            |          |
| 12/29                        | TEST PARAMETERS |                         |                          |                         |            |                                               |                            |          |
|                              | TIME            | pH                      | Temperature<br>Degrees C | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt)                                | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
|                              |                 |                         |                          |                         |            |                                               |                            |          |
| WEATHER CONDITIONS:          |                 |                         |                          |                         |            |                                               |                            |          |
| WATER APPEARANCE / ODOR: DRY |                 |                         |                          |                         |            |                                               |                            |          |
| COMMENTS:                    |                 |                         |                          |                         |            |                                               |                            |          |
|                              |                 |                         |                          |                         |            |                                               |                            |          |
| SAMPLE LOG                   |                 |                         |                          |                         |            |                                               |                            |          |
| SAMPLE ID                    |                 | CONTAINER TYPE          |                          | NUMBER OF CONTAINERS    |            | PRESERVATIVE                                  |                            |          |
| EP-3                         |                 | 40 ML VOA               |                          | 6                       |            | HCL                                           |                            |          |
|                              |                 | 40 ML VOA               |                          | 2                       |            | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                            |          |
|                              |                 | 1 LITER AMBER           |                          | 2                       |            | NEAT                                          |                            |          |
|                              |                 | 500 ML AMBER            |                          | 1                       |            | NEAT                                          |                            |          |
|                              |                 | 250 ML PLASTIC          |                          | 1                       |            | HNO <sub>3</sub>                              |                            |          |
|                              |                 | 125 ML PLASTIC FILTERED |                          | 1                       |            | HNO <sub>3</sub>                              |                            |          |
|                              |                 | 500 ML PLASTIC          |                          | 1                       |            | NaOH                                          |                            |          |
|                              |                 | 1 LITER PLASTIC         |                          | 1                       |            | NEAT                                          |                            |          |
|                              |                 | 500 ML PLASTIC          |                          | 1                       |            | NA <sub>2</sub> SO <sub>3</sub>               |                            |          |
|                              |                 | 100 ML PLASTIC          |                          | 1                       |            | NEAT                                          |                            |          |
| INSTRUMENTS USED             |                 | WATER QUALITY METER     |                          |                         |            |                                               |                            |          |
|                              |                 |                         |                          |                         |            |                                               |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

4th ~~3RD~~ QUARTER 2022

| POND ID | SAMPLE DATE | SAMPLE TIME |
|---------|-------------|-------------|
| EP-4    |             |             |

| SAMPLING DATA            |                 |    |                          |                         |            |                |                            |          |
|--------------------------|-----------------|----|--------------------------|-------------------------|------------|----------------|----------------------------|----------|
| 12/29                    | TEST PARAMETERS |    |                          |                         |            |                |                            |          |
|                          | TIME            | pH | Temperature<br>Degrees C | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
|                          |                 |    |                          |                         |            |                |                            |          |
| WEATHER CONDITIONS:      |                 |    |                          |                         |            |                |                            |          |
| WATER APPEARANCE / ODOR: |                 |    |                          |                         |            |                |                            |          |
| COMMENTS:<br>DRX         |                 |    |                          |                         |            |                |                            |          |
|                          |                 |    |                          |                         |            |                |                            |          |

| SAMPLE LOG |                         |                      |                                               |
|------------|-------------------------|----------------------|-----------------------------------------------|
| SAMPLE ID  | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
| EP-4       | 40 ML VOA               | 6                    | HCL                                           |
|            | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|            | 1 LITER AMBER           | 2                    | NEAT                                          |
|            | 500 ML AMBER            | 1                    | NEAT                                          |
|            | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|            | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|            | 500 ML PLASTIC          | 1                    | NaOH                                          |
|            | 1 LITER PLASTIC         | 1                    | NEAT                                          |
|            | 500 ML PLASTIC          | 1                    | NA <sub>2</sub> SO <sub>3</sub>               |
|            | 100 ML PLASTIC          | 1                    | NEAT                                          |

| INSTRUMENTS USED | WATER QUALITY METER |
|------------------|---------------------|
|                  |                     |
|                  |                     |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

4th ~~SECOND~~ QUARTER 2022

| POND ID | SAMPLE DATE | SAMPLE TIME |
|---------|-------------|-------------|
| EP-5    |             |             |

| SAMPLING DATA |                 |    |                          |                         |            |                |                            |          |
|---------------|-----------------|----|--------------------------|-------------------------|------------|----------------|----------------------------|----------|
| 12/29         | TEST PARAMETERS |    |                          |                         |            |                |                            |          |
|               | TIME            | pH | Temperature<br>Degrees C | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
|               |                 |    |                          |                         |            |                |                            |          |

WEATHER CONDITIONS:

WATER APPEARANCE / ODOR:

COMMENTS: DRY

| SAMPLE LOG |                         |                      |                                               |
|------------|-------------------------|----------------------|-----------------------------------------------|
| SAMPLE ID  | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
| EP-5       | 40 ML VOA               | 6                    | HCL                                           |
|            | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|            | 1 LITER AMBER           | 2                    | NEAT                                          |
|            | 500 ML AMBER            | 1                    | NEAT                                          |
|            | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|            | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|            | 500 ML PLASTIC          | 1                    | NaOH                                          |
|            | 1 LITER PLASTIC         | 1                    | NEAT                                          |
|            | 500 ML PLASTIC          | 1                    | NA <sub>2</sub> SO <sub>3</sub>               |
|            | 100 ML PLASTIC          | 1                    | NEAT                                          |

|                  |                     |
|------------------|---------------------|
| INSTRUMENTS USED | WATER QUALITY METER |
|------------------|---------------------|

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

9th ~~SECOND~~ QUARTER 2022

|                          |                 |                         |                          |                         |            |                                               |                            |          |
|--------------------------|-----------------|-------------------------|--------------------------|-------------------------|------------|-----------------------------------------------|----------------------------|----------|
| POND ID                  |                 | SAMPLE DATE             |                          | SAMPLE TIME             |            |                                               |                            |          |
| EP-7                     |                 |                         |                          |                         |            |                                               |                            |          |
| SAMPLING DATA            |                 |                         |                          |                         |            |                                               |                            |          |
| 12/29                    | TEST PARAMETERS |                         |                          |                         |            |                                               |                            |          |
|                          | TIME            | pH                      | Temperature<br>Degrees C | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt)                                | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
|                          |                 |                         |                          |                         |            |                                               |                            |          |
| WEATHER CONDITIONS:      |                 |                         |                          |                         |            |                                               |                            |          |
| WATER APPEARANCE / ODOR: |                 |                         |                          |                         |            |                                               |                            |          |
| COMMENTS: DRY            |                 |                         |                          |                         |            |                                               |                            |          |
|                          |                 |                         |                          |                         |            |                                               |                            |          |
| SAMPLE LOG               |                 |                         |                          |                         |            |                                               |                            |          |
| SAMPLE ID                |                 | CONTAINER TYPE          |                          | NUMBER OF CONTAINERS    |            | PRESERVATIVE                                  |                            |          |
| EP-7                     |                 | 40 ML VOA               |                          | 6                       |            | HCL                                           |                            |          |
|                          |                 | 40 ML VOA               |                          | 2                       |            | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                            |          |
|                          |                 | 1 LITER AMBER           |                          | 2                       |            | NEAT                                          |                            |          |
|                          |                 | 500 ML AMBER            |                          | 1                       |            | NEAT                                          |                            |          |
|                          |                 | 250 ML PLASTIC          |                          | 1                       |            | HNO <sub>3</sub>                              |                            |          |
|                          |                 | 125 ML PLASTIC FILTERED |                          | 1                       |            | HNO <sub>3</sub>                              |                            |          |
|                          |                 | 500 ML PLASTIC          |                          | 1                       |            | NaOH                                          |                            |          |
|                          |                 | 1 LITER PLASTIC         |                          | 1                       |            | NEAT                                          |                            |          |
|                          |                 | 500 ML PLASTIC          |                          | 1                       |            | NA <sub>2</sub> SO <sub>3</sub>               |                            |          |
|                          |                 | 100 ML PLASTIC          |                          | 1                       |            | NEAT                                          |                            |          |
| INSTRUMENTS USED         |                 | WATER QUALITY METER     |                          |                         |            |                                               |                            |          |
|                          |                 |                         |                          |                         |            |                                               |                            |          |
|                          |                 |                         |                          |                         |            |                                               |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

CPS ~~SECOND~~ QUARTER 2022

| POND ID | SAMPLE DATE | SAMPLE TIME |
|---------|-------------|-------------|
| EP-8    |             |             |

## SAMPLING DATA

| 12/29 | TEST PARAMETERS |    |                          |                         |            |                |                            |          |
|-------|-----------------|----|--------------------------|-------------------------|------------|----------------|----------------------------|----------|
|       | TIME            | pH | Temperature<br>Degrees C | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
|       |                 |    |                          |                         |            |                |                            |          |

WEATHER CONDITIONS:

WATER APPEARANCE / ODOR:

COMMENTS:

DRY

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
| EP-8      | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |
|           | 1 LITER PLASTIC         | 1                    | NEAT                                          |
|           | 500 ML PLASTIC          | 1                    | NA <sub>2</sub> SO <sub>3</sub>               |
|           | 100 ML PLASTIC          | 1                    | NEAT                                          |

INSTRUMENTS USED WATER QUALITY METER

COMPLETED BY:

SIGNATURE:



## MARATHON GALLUP REFINERY

4th ~~SECOND~~ QUARTER 2022

|                          |                         |                      |                          |                                               |            |                |                            |          |
|--------------------------|-------------------------|----------------------|--------------------------|-----------------------------------------------|------------|----------------|----------------------------|----------|
| POND ID                  |                         | SAMPLE DATE          |                          | SAMPLE TIME                                   |            |                |                            |          |
| EP-9                     |                         |                      |                          |                                               |            |                |                            |          |
| SAMPLING DATA            |                         |                      |                          |                                               |            |                |                            |          |
| 12/29                    | TEST PARAMETERS         |                      |                          |                                               |            |                |                            |          |
|                          | TIME                    | pH                   | Temperature<br>Degrees C | Conductivity<br>(mS/cm)                       | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
|                          |                         |                      |                          |                                               |            |                |                            |          |
| WEATHER CONDITIONS:      |                         |                      |                          |                                               |            |                |                            |          |
| WATER APPEARANCE / ODOR: |                         |                      |                          |                                               |            |                |                            |          |
| COMMENTS: DRY            |                         |                      |                          |                                               |            |                |                            |          |
| SAMPLE LOG               |                         |                      |                          |                                               |            |                |                            |          |
| SAMPLE ID                | CONTAINER TYPE          | NUMBER OF CONTAINERS |                          | PRESERVATIVE                                  |            |                |                            |          |
| EP-9                     | 40 ML VOA               | 6                    |                          | HCL                                           |            |                |                            |          |
|                          | 40 ML VOA               | 2                    |                          | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |            |                |                            |          |
|                          | 1 LITER AMBER           | 2                    |                          | NEAT                                          |            |                |                            |          |
|                          | 500 ML AMBER            | 1                    |                          | NEAT                                          |            |                |                            |          |
|                          | 250 ML PLASTIC          | 1                    |                          | HNO <sub>3</sub>                              |            |                |                            |          |
|                          | 125 ML PLASTIC FILTERED | 1                    |                          | HNO <sub>3</sub>                              |            |                |                            |          |
|                          | 500 ML PLASTIC          | 1                    |                          | NaOH                                          |            |                |                            |          |
|                          | 1 LITER PLASTIC         | 1                    |                          | NEAT                                          |            |                |                            |          |
|                          | 500 ML PLASTIC          | 1                    |                          | NA <sub>2</sub> SO <sub>3</sub>               |            |                |                            |          |
|                          | 100 ML PLASTIC          | 1                    |                          | NEAT                                          |            |                |                            |          |
| INSTRUMENTS USED         |                         | WATER QUALITY METER  |                          |                                               |            |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

9th ~~SECOND~~ QUARTER 2022

| POND ID | SAMPLE DATE | SAMPLE TIME |
|---------|-------------|-------------|
| EP-11   |             |             |

## SAMPLING DATA

| 12/29 | TEST PARAMETERS |    |                          |                         |            |                |                            |          |
|-------|-----------------|----|--------------------------|-------------------------|------------|----------------|----------------------------|----------|
|       | TIME            | pH | Temperature<br>Degrees C | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
|       |                 |    |                          |                         |            |                |                            |          |

WEATHER CONDITIONS:

WATER APPEARANCE / ODOR:

COMMENTS:

DRX

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
| EP-11     | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |
|           | 1 LITER PLASTIC         | 1                    | NEAT                                          |
|           | 500 ML PLASTIC          | 1                    | NA <sub>2</sub> SO <sub>3</sub>               |
|           | 100 ML PLASTIC          | 1                    | NEAT                                          |

INSTRUMENTS USED WATER QUALITY METER

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

C/24 ~~3RD~~ SECOND QUARTER 2022

|                          |                 |                         |                          |                         |            |                                               |                            |          |  |
|--------------------------|-----------------|-------------------------|--------------------------|-------------------------|------------|-----------------------------------------------|----------------------------|----------|--|
| POND ID                  |                 | SAMPLE DATE             |                          | SAMPLE TIME             |            |                                               |                            |          |  |
| EP-12A                   |                 |                         |                          |                         |            |                                               |                            |          |  |
| SAMPLING DATA            |                 |                         |                          |                         |            |                                               |                            |          |  |
| 12/29                    | TEST PARAMETERS |                         |                          |                         |            |                                               |                            |          |  |
|                          | TIME            | pH                      | Temperature<br>Degrees C | Conductivity<br>(mS/cm) | TDS (mg/L) | Salinity (ppt)                                | Dissolved<br>Oxygen (mg/L) | ORP (mv) |  |
|                          |                 |                         |                          |                         |            |                                               |                            |          |  |
| WATER APPEARANCE / ODOR: |                 |                         |                          |                         |            |                                               |                            |          |  |
| COMMENTS: DRX            |                 |                         |                          |                         |            |                                               |                            |          |  |
|                          |                 |                         |                          |                         |            |                                               |                            |          |  |
| SAMPLE LOG               |                 |                         |                          |                         |            |                                               |                            |          |  |
| SAMPLE ID                | TIME            | CONTAINER TYPE          |                          | NUMBER OF CONTAINERS    |            | PRESERVATIVE                                  |                            |          |  |
| SAMPLE ID                |                 | CONTAINER TYPE          |                          | NUMBER OF CONTAINERS    |            | PRESERVATIVE                                  |                            |          |  |
| EP-12A                   |                 | 40 ML VOA               |                          | 6                       |            | HCL                                           |                            |          |  |
|                          |                 | 40 ML VOA               |                          | 2                       |            | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                            |          |  |
|                          |                 | 1 LITER AMBER           |                          | 2                       |            | NEAT                                          |                            |          |  |
|                          |                 | 500 ML AMBER            |                          | 1                       |            | NEAT                                          |                            |          |  |
|                          |                 | 250 ML PLASTIC          |                          | 1                       |            | HNO <sub>3</sub>                              |                            |          |  |
|                          |                 | 125 ML PLASTIC FILTERED |                          | 1                       |            | HNO <sub>3</sub>                              |                            |          |  |
|                          |                 | 500 ML PLASTIC          |                          | 1                       |            | NaOH                                          |                            |          |  |
|                          |                 | 1 LITER PLASTIC         |                          | 1                       |            | NEAT                                          |                            |          |  |
|                          |                 | 500 ML PLASTIC          |                          | 1                       |            | NA <sub>2</sub> SO <sub>3</sub>               |                            |          |  |
|                          |                 | 100 ML PLASTIC          |                          | 1                       |            | NEAT                                          |                            |          |  |
| WATER QUALITY METER      |                 |                         |                          |                         |            |                                               |                            |          |  |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

c/fn ~~SECOND~~ QUARTER 2022

| POND ID                              | SAMPLE DATE             | SAMPLE TIME |                          |                         |                                               |                |                            |          |
|--------------------------------------|-------------------------|-------------|--------------------------|-------------------------|-----------------------------------------------|----------------|----------------------------|----------|
| EP-12B                               |                         |             |                          |                         |                                               |                |                            |          |
| SAMPLING DATA                        |                         |             |                          |                         |                                               |                |                            |          |
| 12/29                                | TEST PARAMETERS         |             |                          |                         |                                               |                |                            |          |
|                                      | TIME                    | pH          | Temperature<br>Degrees C | Conductivity<br>(mS/cm) | TDS (mg/L)                                    | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
|                                      |                         |             |                          |                         |                                               |                |                            |          |
| WEATHER CONDITIONS:                  |                         |             |                          |                         |                                               |                |                            |          |
| WATER APPEARANCE / ODOR:             |                         |             |                          |                         |                                               |                |                            |          |
| COMMENTS: DRX                        |                         |             |                          |                         |                                               |                |                            |          |
|                                      |                         |             |                          |                         |                                               |                |                            |          |
| SAMPLE LOG                           |                         |             |                          |                         |                                               |                |                            |          |
| SAMPLE ID                            | CONTAINER TYPE          |             | NUMBER OF CONTAINERS     |                         | PRESERVATIVE                                  |                |                            |          |
| EP-12B                               | 40 ML VOA               |             | 6                        |                         | HCL                                           |                |                            |          |
|                                      | 40 ML VOA               |             | 2                        |                         | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |                |                            |          |
|                                      | 1 LITER AMBER           |             | 2                        |                         | NEAT                                          |                |                            |          |
|                                      | 500 ML AMBER            |             | 1                        |                         | NEAT                                          |                |                            |          |
|                                      | 250 ML PLASTIC          |             | 1                        |                         | HNO <sub>3</sub>                              |                |                            |          |
|                                      | 125 ML PLASTIC FILTERED |             | 1                        |                         | HNO <sub>3</sub>                              |                |                            |          |
|                                      | 500 ML PLASTIC          |             | 1                        |                         | NaOH                                          |                |                            |          |
|                                      | 1 LITER PLASTIC         |             | 1                        |                         | NEAT                                          |                |                            |          |
|                                      | 500 ML PLASTIC          |             | 1                        |                         | NA <sub>2</sub> SO <sub>3</sub>               |                |                            |          |
|                                      | 100 ML PLASTIC          |             | 1                        |                         | NEAT                                          |                |                            |          |
| INSTRUMENTS USED WATER QUALITY METER |                         |             |                          |                         |                                               |                |                            |          |
|                                      |                         |             |                          |                         |                                               |                |                            |          |

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

Forth QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |       |      |                          |                      |           |                |                            |          |
|----------------------|------------|-----------------|-------|------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
|                      |            | Volumes         | TIME  | pH   | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| OW-12                |            |                 |       |      |                          |                      |           |                |                            |          |
| GAUGE DATE           | 12/3/22    | Initial         | 10:05 | 9.05 | 12.9                     | 0.97                 | 630.50    | 0.48           | 0.91                       | 9.6      |
| GAUGE TIME           |            | 1               | 16:15 | 9.16 | 12.7                     | 0.97                 | 630.50    | 0.49           | 0.85                       | 8.5      |
| DHC (FEET)           | ND         | 2               |       |      |                          |                      |           |                |                            |          |
| DTW (FEET)           | 47.65      | 3               |       |      |                          |                      |           |                |                            |          |
| DTB (FEET)           | 124.70     | 4               |       |      |                          |                      |           |                |                            |          |
| DTB - DTW            | 77.65      | 5               |       |      |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6               |       |      |                          |                      |           |                |                            |          |
|                      | 0.163 - 2" |                 |       |      |                          |                      |           |                |                            |          |

## PURGING DATA

|                      |         |                          |                 |
|----------------------|---------|--------------------------|-----------------|
| 3 WELL<br>VOLUMES    | 152.00  | WEATHER CONDITIONS:      | Cloudy          |
| PURGE DATE           | 12/6/22 | WATER APPEARANCE / ODOR: | Clear / No odor |
| END OF<br>PURGE TIME | 3:45    | COMMENTS:                | Purged Dry      |
| PURGE<br>AMOUNT      | 22.00   |                          |                 |
| DTW (FEET)           | DRY     |                          |                 |

## SAMPLING DATA

|             |         |                          |                 |
|-------------|---------|--------------------------|-----------------|
| SAMPLE DATE | 12/7/22 | WEATHER CONDITIONS:      | Cloudy          |
| DTW (FEET)  | 55.60   | WATER APPEARANCE / ODOR: | Clear / No odor |
| SAMPLE TIME | 16:05   | COMMENTS:                |                 |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED WATER QUALITY METER

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

## MARATHON GALLUP REFINERY

FATH QUARTER 2022

| WELL ID              |            | TEST PARAMETERS |       |      |                          |                      |           |                |                            |          |
|----------------------|------------|-----------------|-------|------|--------------------------|----------------------|-----------|----------------|----------------------------|----------|
| STP-1 to EP-2        |            | Volumes         | TIME  | pH   | Temperature<br>Degrees C | Conductivity<br>(mS) | TDS (g/L) | Salinity (ppt) | Dissolved<br>Oxygen (mg/L) | ORP (mv) |
| GAUGE DATE           | 12/30/22   | Initial         | 11:05 | 7.81 | 14.3                     | 0.418                | 198.56    | 0.16           | 6.03                       | 83.5     |
| GAUGE TIME           |            | 1               | 11:15 | 7.80 | 14.2                     | 0.420                | 202.00    | 0.11           | 5.93                       | 84.2     |
| DHC (FEET)           |            | 2               |       |      |                          |                      |           |                |                            |          |
| DTW (FEET)           |            | 3               |       |      |                          |                      |           |                |                            |          |
| DTB (FEET)           |            | 4               |       |      |                          |                      |           |                |                            |          |
| DTB - DTW            |            | 5               |       |      |                          |                      |           |                |                            |          |
| CAPACITY PER<br>FOOT | 0.653 - 4" | 6               |       |      |                          |                      |           |                |                            |          |
|                      | 0.163 - 2" |                 |       |      |                          |                      |           |                |                            |          |

## PURGING DATA

|                      |  |                          |
|----------------------|--|--------------------------|
| 3 WELL<br>VOLUMES    |  | WEATHER CONDITIONS:      |
| PURGE DATE           |  | WATER APPEARANCE / ODOR: |
| END OF<br>PURGE TIME |  | COMMENTS:                |
| PURGE<br>AMOUNT      |  |                          |
| DTW (FEET)           |  |                          |

## SAMPLING DATA

|             |          |                          |
|-------------|----------|--------------------------|
| SAMPLE DATE | 12/30/22 | WEATHER CONDITIONS:      |
| DTW (FEET)  |          | Cloudy / Windy           |
|             |          | WATER APPEARANCE / ODOR: |
|             |          | Greenish / slight smell  |
| SAMPLE TIME | 11:05    | COMMENTS:                |

## SAMPLE LOG

| SAMPLE ID | CONTAINER TYPE          | NUMBER OF CONTAINERS | PRESERVATIVE                                  |
|-----------|-------------------------|----------------------|-----------------------------------------------|
|           | 40 ML VOA               | 6                    | HCL                                           |
|           | 40 ML VOA               | 2                    | NA <sub>2</sub> S <sub>2</sub> O <sub>3</sub> |
|           | 1 LITER AMBER           | 2                    | NEAT                                          |
|           | 500 ML AMBER            | 1                    | NEAT                                          |
|           | 250 ML PLASTIC          | 1                    | HNO <sub>3</sub>                              |
|           | 125 ML PLASTIC FILTERED | 1                    | HNO <sub>3</sub>                              |
|           | 500 ML PLASTIC          | 1                    | NaOH                                          |

INSTRUMENTS USED WATER QUALITY METER

COMPLETED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_





Western Refining Southwest LLC  
D/B/A Marathon Gallup Refinery  
2022 Annual Groundwater Monitoring Report

## **Appendix B – Historical Fluid Level Measurements**

### **Appendix B-1. Historical Fluid Level Monitoring (2014-2022)**

### **Appendix B-2. Hydrographs**



Western Refining Southwest LLC  
D/B/A Marathon Gallup Refinery  
2022 Annual Groundwater Monitoring Report

## **Appendix B-1. Historical Fluid Level Monitoring (2014-2022)**

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location                            | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|-------------------------------------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| Alluvial/Fluvial Upper Sand Aquifer |               |                              |                                         |                           |                             |                                                   |                                       |                                         |                         |                                 |                                    |
| BW-1A                               | 9/8/2014      | ND                           | Dry                                     | NA                        | Dry                         | 6883.17                                           | 6885.12                               | 1.95                                    | 44.11                   | 30.0                            | 35.0                               |
| BW-1A                               | 8/10/2015     | ND                           | Dry                                     | NA                        | Dry                         | 6883.17                                           | 6885.12                               | 1.95                                    | 44.11                   | 30.0                            | 35.0                               |
| BW-1A                               | 9/8/2016      | ND                           | Dry                                     | NA                        | Dry                         | 6883.17                                           | 6885.12                               | 1.95                                    | 44.11                   | 30.0                            | 35.0                               |
| BW-1A                               | 9/13/2017     | ND                           | Dry                                     | NA                        | Dry                         | 6883.17                                           | 6885.12                               | 1.95                                    | 44.11                   | 30.0                            | 35.0                               |
| BW-1A                               | 8/15/2018     | ND                           | Dry                                     | NA                        | Dry                         | 6883.17                                           | 6885.12                               | 1.95                                    | 40.66                   | 30.0                            | 35.0                               |
| BW-1A                               | 8/14/2019     | ND                           | Dry                                     | NA                        | Dry                         | 6883.17                                           | 6885.12                               | 1.95                                    | 40.66                   | 30.0                            | 35.0                               |
| BW-1A                               | 9/14/2020     | ND                           | Dry                                     | NA                        | Dry                         | 6883.17                                           | 6885.12                               | 1.95                                    | 41.75                   | 30.0                            | 35.0                               |
| BW-1A                               | 9/28/2021     | ND                           | Dry                                     | NA                        | Dry                         | 6883.17                                           | 6885.12                               | 1.95                                    | 41.75                   | 30.0                            | 35.0                               |
| BW-1A                               | 9/2/2022      | ND                           | Dry                                     | NA                        | Dry                         | 6883.17                                           | 6885.12                               | 1.95                                    | 41.75                   | 30.0                            | 35.0                               |
| BW-2A                               | 9/9/2014      | ND                           | 29.44                                   | NA                        | 6842.44                     | 6871.88                                           | 6874.69                               | 2.81                                    | 64.76                   | 55.0                            | 65.0                               |
| BW-2A                               | 8/10/2015     | ND                           | 29.19                                   | NA                        | 6842.69                     | 6871.88                                           | 6874.69                               | 2.81                                    | 64.76                   | 55.0                            | 65.0                               |
| BW-2A                               | 9/8/2016      | ND                           | 29.48                                   | NA                        | 6842.40                     | 6871.88                                           | 6874.69                               | 2.81                                    | 64.76                   | 55.0                            | 65.0                               |
| BW-2A                               | 9/13/2017     | ND                           | 29.63                                   | NA                        | 6842.25                     | 6871.88                                           | 6874.69                               | 2.81                                    | 64.76                   | 55.0                            | 65.0                               |
| BW-2A                               | 8/15/2018     | ND                           | 29.53                                   | NA                        | 6842.35                     | 6871.88                                           | 6874.69                               | 2.81                                    | 64.76                   | 55.0                            | 65.0                               |
| BW-2A                               | 8/14/2019     | ND                           | 29.45                                   | NA                        | 6842.43                     | 6871.88                                           | 6874.69                               | 2.81                                    | 64.76                   | 55.0                            | 65.0                               |
| BW-2A                               | 9/14/2020     | ND                           | 30.12                                   | NA                        | 6841.76                     | 6871.88                                           | 6874.69                               | 2.81                                    | 64.40                   | 55.0                            | 65.0                               |
| BW-2A                               | 9/28/2021     | ND                           | 30.04                                   | NA                        | 6841.84                     | 6871.88                                           | 6874.69                               | 2.81                                    | 64.40                   | 55.0                            | 65.0                               |
| BW-2A                               | 9/2/2022      | 30.94                        | 31.04                                   | 0.10                      | 6840.84                     | 6871.88                                           | 6874.69                               | 2.81                                    | 64.40                   | 55.0                            | 65.0                               |
| BW-3A                               | 9/8/2014      | ND                           | Dry                                     | NA                        | Dry                         | 6875.94                                           | 6878.39                               | 2.45                                    | 49.90                   | 39.5                            | 49.5                               |
| BW-3A                               | 8/10/2015     | ND                           | Dry                                     | NA                        | Dry                         | 6875.94                                           | 6878.39                               | 2.45                                    | 49.90                   | 39.5                            | 49.5                               |
| BW-3A                               | 9/8/2016      | ND                           | Dry                                     | NA                        | Dry                         | 6875.94                                           | 6878.39                               | 2.45                                    | 49.90                   | 39.5                            | 49.5                               |
| BW-3A                               | 9/13/2017     | ND                           | Dry                                     | NA                        | Dry                         | 6875.94                                           | 6878.39                               | 2.45                                    | 49.90                   | 39.5                            | 49.5                               |
| BW-3A                               | 8/15/2018     | ND                           | Dry                                     | NA                        | Dry                         | 6875.94                                           | 6878.39                               | 2.45                                    | 49.93                   | 39.5                            | 49.5                               |
| BW-3A                               | 8/14/2019     | ND                           | Dry                                     | NA                        | Dry                         | 6875.94                                           | 6878.39                               | 2.45                                    | 49.93                   | 39.5                            | 49.5                               |
| BW-3A                               | 9/14/2020     | ND                           | Dry                                     | NA                        | Dry                         | 6875.94                                           | 6878.39                               | 2.45                                    | 50.85                   | 39.5                            | 49.5                               |
| BW-3A                               | 9/28/2021     | ND                           | Dry                                     | NA                        | Dry                         | 6875.94                                           | 6878.39                               | 2.45                                    | 50.85                   | 39.5                            | 49.5                               |
| BW-3A                               | 9/2/2022      | ND                           | Dry                                     | NA                        | Dry                         | 6875.94                                           | 6878.39                               | 2.45                                    | 50.25                   | 39.5                            | 49.5                               |
| BW-4A                               | 9/21/2017     | ND                           | Dry                                     | NA                        | Dry                         | 6870.67                                           | 6873.18                               | 2.51                                    | 36.29                   | 21.0                            | 36.0                               |
| BW-4A                               | 12/8/2017     | ND                           | Dry                                     | NA                        | Dry                         | 6870.67                                           | 6873.18                               | 2.51                                    | 35.79                   | 21.0                            | 36.0                               |
| BW-4A                               | 2/26/2018     | ND                           | Dry                                     | NA                        | Dry                         | 6870.67                                           | 6873.18                               | 2.51                                    | 36.29                   | 21.0                            | 36.0                               |
| BW-4A                               | 4/25/2018     | ND                           | Dry                                     | NA                        | Dry                         | 6870.67                                           | 6873.18                               | 2.51                                    | 36.29                   | 21.0                            | 36.0                               |
| BW-4A                               | 8/15/2018     | ND                           | Dry                                     | NA                        | Dry                         | 6870.67                                           | 6873.18                               | 2.51                                    | 36.29                   | 21.0                            | 36.0                               |
| BW-4A                               | 11/7/2018     | ND                           | Dry                                     | NA                        | Dry                         | 6870.67                                           | 6873.18                               | 2.51                                    | 35.79                   | 21.0                            | 36.0                               |
| BW-4A                               | 3/27/2019     | ND                           | Dry                                     | NA                        | Dry                         | 6870.67                                           | 6873.18                               | 2.92                                    | 35.40                   | 21.0                            | 36.0                               |
| BW-4A                               | 5/21/2019     | ND                           | Dry                                     | NA                        | Dry                         | 6870.67                                           | 6873.18                               | 2.92                                    | 35.40                   | 21.0                            | 36.0                               |
| BW-4A                               | 8/23/2019     | ND                           | Dry                                     | NA                        | Dry                         | 6870.67                                           | 6873.18                               | 2.92                                    | 35.40                   | 21.0                            | 36.0                               |
| BW-4A                               | 10/16/2019    | ND                           | Dry                                     | NA                        | Dry                         | 6870.67                                           | 6873.18                               | 2.92                                    | 35.40                   | 21.0                            | 36.0                               |
| BW-4A                               | 3/9/2020      | ND                           | 35.42                                   | NA                        | 6834.84                     | 6870.67                                           | 6873.18                               | 2.92                                    | 35.88                   | 21.0                            | 36.0                               |
| BW-4A                               | 6/30/2020     | ND                           | Dry                                     | NA                        | Dry                         | 6870.67                                           | 6873.18                               | 2.92                                    | 35.88                   | 21.0                            | 36.0                               |
| BW-4A                               | 9/14/2020     | ND                           | Dry                                     | NA                        | Dry                         | 6870.67                                           | 6873.18                               | 2.92                                    | 35.98                   | 21.0                            | 36.0                               |
| BW-4A                               | 12/7/2020     | ND                           | Dry                                     | NA                        | Dry                         | 6870.67                                           | 6873.18                               | 2.92                                    | 35.98                   | 21.0                            | 36.0                               |
| BW-4A                               | 2/27/2021     | ND                           | Dry                                     | NA                        | Dry                         | 6870.67                                           | 6873.18                               | 2.92                                    | 35.98                   | 21.0                            | 36.0                               |
| BW-4A                               | 6/3/2021      | ND                           | Dry                                     | NA                        | Dry                         | 6870.67                                           | 6873.18                               | 2.92                                    | 35.98                   | 21.0                            | 36.0                               |
| BW-4A                               | 9/28/2021     | ND                           | Dry                                     | NA                        | Dry                         | 6870.67                                           | 6873.18                               | 2.92                                    | 35.98                   | 21.0                            | 36.0                               |
| BW-4A                               | 9/2/2022      | ND                           | Dry                                     | NA                        | Dry                         | 6870.67                                           | 6873.18                               | 2.92                                    | 35.98                   | 21.0                            | 36.0                               |
| BW-5A                               | 9/21/2017     | ND                           | Dry                                     | NA                        | Dry                         | 6874.39                                           | 6877.00                               | 2.61                                    | 20.39                   | 10.0                            | 20.0                               |
| BW-5A                               | 12/8/2017     | ND                           | Dry                                     | NA                        | Dry                         | 6874.39                                           | 6877.00                               | 2.61                                    | 20.41                   | 10.0                            | 20.0                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location                | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|-------------------------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| BW-5A                   | 2/26/2018     | ND                           | Dry                                     | NA                        | Dry                         | 6874.39                                           | 6877.00                               | 2.61                                    | 20.41                   | 10.0                            | 20.0                               |
| BW-5A                   | 4/25/2018     | ND                           | Dry                                     | NA                        | Dry                         | 6874.39                                           | 6877.00                               | 2.61                                    | 20.41                   | 10.0                            | 20.0                               |
| BW-5A                   | 8/15/2018     | ND                           | Dry                                     | NA                        | Dry                         | 6874.39                                           | 6877.00                               | 2.61                                    | 20.41                   | 10.0                            | 20.0                               |
| BW-5A                   | 11/13/2018    | ND                           | Dry                                     | NA                        | Dry                         | 6874.39                                           | 6877.00                               | 2.61                                    | 20.41                   | 10.0                            | 20.0                               |
| BW-5A                   | 3/27/2019     | ND                           | 20.37                                   | NA                        | 6853.75                     | 6874.39                                           | 6877.00                               | 2.88                                    | 20.12                   | 10.0                            | 20.0                               |
| BW-5A                   | 5/21/2019     | ND                           | 20.42                                   | NA                        | 6853.70                     | 6874.39                                           | 6877.00                               | 2.88                                    | 20.12                   | 10.0                            | 20.0                               |
| BW-5A                   | 8/15/2019     | ND                           | 18.38                                   | NA                        | 6855.74                     | 6874.39                                           | 6877.00                               | 2.88                                    | 20.14                   | 10.0                            | 20.0                               |
| BW-5A                   | 10/16/2019    | ND                           | 20.37                                   | NA                        | 6853.75                     | 6874.39                                           | 6877.00                               | 2.88                                    | 20.42                   | 10.0                            | 20.0                               |
| BW-5A                   | 3/5/2020      | ND                           | Dry                                     | NA                        | Dry                         | 6874.39                                           | 6877.00                               | 2.88                                    | 20.12                   | 10.0                            | 20.0                               |
| BW-5A                   | 6/26/2020     | ND                           | 20.33                                   | NA                        | 6853.79                     | 6874.39                                           | 6877.00                               | 2.88                                    | 20.12                   | 10.0                            | 20.0                               |
| BW-5A                   | 9/14/2020     | ND                           | Dry                                     | NA                        | Dry                         | 6874.39                                           | 6877.00                               | 2.88                                    | 20.52                   | 10.0                            | 20.0                               |
| BW-5A                   | 12/7/2020     | ND                           | 20.39                                   | NA                        | 6853.73                     | 6874.39                                           | 6877.00                               | 2.88                                    | 20.52                   | 10.0                            | 20.0                               |
| BW-5A                   | 2/27/2021     | ND                           | 20.35                                   | NA                        | 6853.77                     | 6874.39                                           | 6877.00                               | 2.88                                    | 20.45                   | 10.0                            | 20.0                               |
| BW-5A                   | 6/3/2021      | ND                           | Dry                                     | NA                        | Dry                         | 6874.39                                           | 6877.00                               | 2.88                                    | 20.45                   | 10.0                            | 20.0                               |
| BW-5A                   | 9/9/2021      | ND                           | Dry                                     | NA                        | Dry                         | 6874.39                                           | 6877.00                               | 2.88                                    | 20.45                   | 10.0                            | 20.0                               |
| BW-5A                   | 9/1/2022      | ND                           | Dry                                     | NA                        | Dry                         | 6874.39                                           | 6877.00                               | 2.88                                    | 20.45                   | 10.0                            | 20.0                               |
| Chinle/Alluvium Aquifer |               |                              |                                         |                           |                             |                                                   |                                       |                                         |                         |                                 |                                    |
| BW-1B                   | 9/8/2014      | ND                           | Dry                                     | NA                        | Dry                         | 6883.17                                           | 6885.78                               | 2.61                                    | 73.68                   | 54.6                            | 64.6                               |
| BW-1B                   | 8/10/2015     | ND                           | Dry                                     | NA                        | Dry                         | 6883.17                                           | 6885.78                               | 2.61                                    | 73.68                   | 54.6                            | 64.6                               |
| BW-1B                   | 9/8/2016      | ND                           | Dry                                     | NA                        | Dry                         | 6883.17                                           | 6885.78                               | 2.61                                    | 73.68                   | 54.6                            | 64.6                               |
| BW-1B                   | 9/13/2017     | ND                           | Dry                                     | NA                        | Dry                         | 6883.17                                           | 6885.78                               | 2.61                                    | 73.68                   | 54.6                            | 64.6                               |
| BW-1B                   | 8/15/2018     | ND                           | Dry                                     | NA                        | Dry                         | 6883.17                                           | 6885.78                               | 2.61                                    | 70.94                   | 54.6                            | 64.6                               |
| BW-1B                   | 8/14/2019     | ND                           | 69.61                                   | NA                        | 6813.56                     | 6883.17                                           | 6885.78                               | 2.61                                    | 70.94                   | 54.6                            | 64.6                               |
| BW-1B                   | 9/14/2020     | ND                           | Dry                                     | NA                        | Dry                         | 6883.17                                           | 6885.78                               | 2.61                                    | 70.77                   | 54.6                            | 64.6                               |
| BW-1B                   | 9/28/2021     | ND                           | Dry                                     | NA                        | Dry                         | 6883.17                                           | 6885.78                               | 2.61                                    | 70.77                   | 54.6                            | 64.6                               |
| BW-1B                   | 9/2/2022      | ND                           | Dry                                     | NA                        | Dry                         | 6883.17                                           | 6885.78                               | 2.61                                    | 70.59                   | 54.6                            | 64.6                               |
| BW-2B                   | 9/9/2014      | ND                           | 25.31                                   | NA                        | 6846.35                     | 6871.66                                           | 6874.50                               | 2.84                                    | 89.42                   | 80.0                            | 90.0                               |
| BW-2B                   | 8/10/2015     | ND                           | 25.16                                   | NA                        | 6846.50                     | 6871.66                                           | 6874.50                               | 2.84                                    | 89.42                   | 80.0                            | 90.0                               |
| BW-2B                   | 9/8/2016      | ND                           | 25.00                                   | NA                        | 6846.66                     | 6871.66                                           | 6874.50                               | 2.84                                    | 89.42                   | 80.0                            | 90.0                               |
| BW-2B                   | 9/13/2017     | ND                           | 25.44                                   | NA                        | 6846.22                     | 6871.66                                           | 6874.50                               | 2.84                                    | 89.42                   | 80.0                            | 90.0                               |
| BW-2B                   | 8/15/2018     | ND                           | 25.41                                   | NA                        | 6846.25                     | 6871.66                                           | 6874.50                               | 2.84                                    | 89.42                   | 80.0                            | 90.0                               |
| BW-2B                   | 8/14/2019     | ND                           | 25.61                                   | NA                        | 6846.05                     | 6871.66                                           | 6874.50                               | 2.84                                    | 89.42                   | 80.0                            | 90.0                               |
| BW-2B                   | 9/14/2020     | ND                           | 25.95                                   | NA                        | 6845.71                     | 6871.66                                           | 6874.50                               | 2.84                                    | 89.42                   | 80.0                            | 90.0                               |
| BW-2B                   | 9/28/2021     | ND                           | 25.52                                   | NA                        | 6846.14                     | 6871.66                                           | 6874.50                               | 2.84                                    | 89.42                   | 80.0                            | 90.0                               |
| BW-2B                   | 9/27/2022     | ND                           | 25.44                                   | NA                        | 6846.22                     | 6871.66                                           | 6874.50                               | 2.84                                    | 50.56                   | 80.0                            | 90.0                               |
| BW-3B                   | 9/10/2014     | ND                           | 30.82                                   | NA                        | 6845.34                     | 6876.16                                           | 6878.59                               | 2.43                                    | 66.97                   | 63.0                            | 73.0                               |
| BW-3B                   | 8/10/2015     | ND                           | 30.57                                   | NA                        | 6845.59                     | 6876.16                                           | 6878.59                               | 2.43                                    | 66.97                   | 63.0                            | 73.0                               |
| BW-3B                   | 9/8/2016      | ND                           | 30.99                                   | NA                        | 6845.17                     | 6876.16                                           | 6878.59                               | 2.43                                    | 66.97                   | 63.0                            | 73.0                               |
| BW-3B                   | 9/13/2017     | ND                           | 30.95                                   | NA                        | 6845.21                     | 6876.16                                           | 6878.59                               | 2.43                                    | 66.97                   | 63.0                            | 73.0                               |
| BW-3B                   | 8/15/2018     | ND                           | 30.92                                   | NA                        | 6845.24                     | 6876.16                                           | 6878.59                               | 2.43                                    | 66.97                   | 63.0                            | 73.0                               |
| BW-3B                   | 8/14/2019     | ND                           | 30.88                                   | NA                        | 6845.28                     | 6876.16                                           | 6878.59                               | 2.43                                    | 66.97                   | 63.0                            | 73.0                               |
| BW-3B                   | 9/14/2020     | ND                           | 31.81                                   | NA                        | 6844.35                     | 6876.16                                           | 6878.59                               | 2.43                                    | 67.11                   | 63.0                            | 73.0                               |
| BW-3B                   | 9/28/2021     | ND                           | 31.20                                   | NA                        | 6844.96                     | 6876.16                                           | 6878.59                               | 2.43                                    | 67.11                   | 63.0                            | 73.0                               |
| BW-3B                   | 9/27/2022     | ND                           | 31.17                                   | NA                        | 6844.99                     | 6876.16                                           | 6878.59                               | 2.43                                    | 67.27                   | 63.0                            | 73.0                               |
| BW-4B                   | 9/21/2017     | ND                           | 28.97                                   | NA                        | 6841.65                     | 6870.62                                           | 6873.23                               | 2.61                                    | 60.89                   | 41.0                            | 61.0                               |
| BW-4B                   | 12/8/2017     | ND                           | 35.34                                   | NA                        | 6835.28                     | 6870.62                                           | 6873.23                               | 2.61                                    | 60.89                   | 41.0                            | 61.0                               |
| BW-4B                   | 2/26/2018     | ND                           | 35.82                                   | NA                        | 6834.80                     | 6870.62                                           | 6873.23                               | 2.61                                    | 60.89                   | 41.0                            | 61.0                               |
| BW-4B                   | 4/25/2018     | ND                           | 40.99                                   | NA                        | 6829.63                     | 6870.62                                           | 6873.23                               | 2.61                                    | 60.89                   | 41.0                            | 61.0                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| BW-4B    | 8/15/2018     | ND                           | 36.44                                   | NA                        | 6834.18                     | 6870.62                                           | 6873.23                               | 2.61                                    | 60.89                   | 41.0                            | 61.0                               |
| BW-4B    | 11/13/2018    | ND                           | 42.26                                   | NA                        | 6828.36                     | 6870.62                                           | 6873.23                               | 2.61                                    | 60.89                   | 41.0                            | 61.0                               |
| BW-4B    | 3/27/2019     | ND                           | 36.51                                   | NA                        | 6833.93                     | 6870.62                                           | 6873.23                               | 2.79                                    | 60.71                   | 41.0                            | 61.0                               |
| BW-4B    | 5/21/2019     | ND                           | 43.22                                   | NA                        | 6827.22                     | 6870.62                                           | 6873.23                               | 2.79                                    | 60.71                   | 41.0                            | 61.0                               |
| BW-4B    | 8/23/2019     | ND                           | 43.21                                   | NA                        | 6827.23                     | 6870.62                                           | 6873.23                               | 2.79                                    | 60.71                   | 41.0                            | 61.0                               |
| BW-4B    | 10/16/2019    | ND                           | 44.71                                   | NA                        | 6825.73                     | 6870.62                                           | 6873.23                               | 2.79                                    | 60.71                   | 41.0                            | 61.0                               |
| BW-4B    | 3/9/2020      | ND                           | 37.56                                   | NA                        | 6832.88                     | 6870.62                                           | 6873.23                               | 2.79                                    | 60.71                   | 41.0                            | 61.0                               |
| BW-4B    | 6/26/2020     | NA                           | NA                                      | NA                        | NA                          | 6870.62                                           | 6873.23                               | 2.79                                    | 60.71                   | 41.0                            | 61.0                               |
| BW-4B    | 6/30/2020     | ND                           | 41.96                                   | NA                        | 6828.48                     | 6870.62                                           | 6873.23                               | 2.79                                    | 60.71                   | 41.0                            | 61.0                               |
| BW-4B    | 9/14/2020     | ND                           | 37.07                                   | NA                        | 6833.37                     | 6870.62                                           | 6873.23                               | 2.79                                    | 60.71                   | 41.0                            | 61.0                               |
| BW-4B    | 12/7/2020     | ND                           | 33.07                                   | NA                        | 6837.37                     | 6870.62                                           | 6873.23                               | 2.79                                    | 60.71                   | 41.0                            | 61.0                               |
| BW-4B    | 2/27/2021     | ND                           | 44.29                                   | NA                        | 6826.15                     | 6870.62                                           | 6873.23                               | 2.79                                    | 60.71                   | 41.0                            | 61.0                               |
| BW-4B    | 6/2/2021      | ND                           | 42.79                                   | NA                        | 6827.65                     | 6870.62                                           | 6873.23                               | 2.79                                    | 60.71                   | 41.0                            | 61.0                               |
| BW-4B    | 9/28/2021     | ND                           | 39.72                                   | NA                        | 6830.72                     | 6870.62                                           | 6873.23                               | 2.79                                    | 60.71                   | 41.0                            | 61.0                               |
| BW-4B    | 9/2/2022      | ND                           | 33.11                                   | NA                        | 6837.33                     | 6870.62                                           | 6873.23                               | 2.79                                    | 48.11                   | 41.0                            | 61.0                               |
| BW-4B    | 12/22/2022    | ND                           | 45.06                                   | NA                        | 6825.38                     | 6870.62                                           | 6873.23                               | 2.79                                    | 48.11                   | 41.0                            | 61.0                               |
| BW-5B    | 9/21/2017     | ND                           | 6.15                                    | NA                        | 6868.17                     | 6874.32                                           | 6876.82                               | 2.50                                    | 58.95                   | 48.0                            | 58.0                               |
| BW-5B    | 12/8/2017     | ND                           | 6.50                                    | NA                        | 6867.82                     | 6874.32                                           | 6876.82                               | 2.50                                    | 58.95                   | 48.0                            | 58.0                               |
| BW-5B    | 2/26/2018     | ND                           | 7.78                                    | NA                        | 6866.54                     | 6874.32                                           | 6876.82                               | 2.50                                    | 58.95                   | 48.0                            | 58.0                               |
| BW-5B    | 4/25/2018     | ND                           | 7.25                                    | NA                        | 6867.07                     | 6874.32                                           | 6876.82                               | 2.50                                    | 58.95                   | 48.0                            | 58.0                               |
| BW-5B    | 8/15/2018     | ND                           | 7.54                                    | NA                        | 6866.78                     | 6874.32                                           | 6876.82                               | 2.50                                    | 58.95                   | 48.0                            | 58.0                               |
| BW-5B    | 11/13/2018    | ND                           | 8.07                                    | NA                        | 6866.25                     | 6874.32                                           | 6876.82                               | 2.50                                    | 58.95                   | 48.0                            | 58.0                               |
| BW-5B    | 3/27/2019     | ND                           | 6.84                                    | NA                        | 6867.44                     | 6874.32                                           | 6876.82                               | 2.54                                    | 58.91                   | 48.0                            | 58.0                               |
| BW-5B    | 5/21/2019     | ND                           | 6.66                                    | NA                        | 6867.62                     | 6874.32                                           | 6876.82                               | 2.54                                    | 58.91                   | 48.0                            | 58.0                               |
| BW-5B    | 8/15/2019     | ND                           | 7.13                                    | NA                        | 6867.15                     | 6874.32                                           | 6876.82                               | 2.54                                    | 58.91                   | 48.0                            | 58.0                               |
| BW-5B    | 10/16/2019    | ND                           | 7.73                                    | NA                        | 6866.55                     | 6874.32                                           | 6876.82                               | 2.54                                    | 58.91                   | 48.0                            | 58.0                               |
| BW-5B    | 3/5/2020      | ND                           | 7.40                                    | NA                        | 6866.88                     | 6874.32                                           | 6876.82                               | 2.54                                    | 58.91                   | 48.0                            | 58.0                               |
| BW-5B    | 6/26/2020     | ND                           | 7.67                                    | NA                        | 6866.61                     | 6874.32                                           | 6876.82                               | 2.54                                    | 58.91                   | 48.0                            | 58.0                               |
| BW-5B    | 9/14/2020     | ND                           | 8.07                                    | NA                        | 6866.21                     | 6874.32                                           | 6876.82                               | 2.54                                    | 58.91                   | 48.0                            | 58.0                               |
| BW-5B    | 12/7/2020     | ND                           | 7.99                                    | NA                        | 6866.29                     | 6874.32                                           | 6876.82                               | 2.54                                    | 58.91                   | 48.0                            | 58.0                               |
| BW-5B    | 2/27/2021     | ND                           | 6.87                                    | NA                        | 6867.41                     | 6874.32                                           | 6876.82                               | 2.54                                    | 58.91                   | 48.0                            | 58.0                               |
| BW-5B    | 6/2/2021      | ND                           | 7.96                                    | NA                        | 6866.32                     | 6874.32                                           | 6876.82                               | 2.54                                    | 58.91                   | 48.0                            | 58.0                               |
| BW-5B    | 9/9/2021      | ND                           | 8.46                                    | NA                        | 6865.82                     | 6874.32                                           | 6876.82                               | 2.54                                    | 58.91                   | 48.0                            | 58.0                               |
| BW-5B    | 3/1/2022      | ND                           | 7.56                                    | NA                        | 6866.72                     | 6874.32                                           | 6876.82                               | 2.54                                    | 51.81                   | 48.0                            | 58.0                               |
| BW-5B    | 6/1/2022      | ND                           | 7.56                                    | NA                        | 6866.72                     | 6874.32                                           | 6876.82                               | 2.54                                    | 51.81                   | 48.0                            | 58.0                               |
| BW-5B    | 9/2/2022      | ND                           | 7.70                                    | NA                        | 6866.58                     | 6874.32                                           | 6876.82                               | 2.54                                    | 51.81                   | 48.0                            | 58.0                               |
| BW-5B    | 12/11/2022    | ND                           | 7.76                                    | NA                        | 6866.52                     | 6874.32                                           | 6876.82                               | 2.54                                    | 51.81                   | 48.0                            | 58.0                               |
| BW-5B    | 12/22/2022    | ND                           | 7.61                                    | NA                        | 6866.67                     | 6874.32                                           | 6876.82                               | 2.54                                    | 51.81                   | 48.0                            | 58.0                               |
| GWM-1    | 3/11/2014     | ND                           | 16.53                                   | NA                        | 6893.69                     | 6910.22                                           | 6912.61                               | 2.39                                    | 23.81                   | 17.5                            | 23.5                               |
| GWM-1    | 6/5/2014      | ND                           | 16.71                                   | NA                        | 6893.51                     | 6910.22                                           | 6912.61                               | 2.39                                    | 23.81                   | 17.5                            | 23.5                               |
| GWM-1    | 9/12/2014     | ND                           | 17.17                                   | NA                        | 6893.05                     | 6910.22                                           | 6912.61                               | 2.39                                    | 23.81                   | 17.5                            | 23.5                               |
| GWM-1    | 11/13/2014    | ND                           | 17.69                                   | NA                        | 6892.53                     | 6910.22                                           | 6912.61                               | 2.39                                    | 23.81                   | 17.5                            | 23.5                               |
| GWM-1    | 3/10/2015     | ND                           | 18.60                                   | NA                        | 6891.62                     | 6910.22                                           | 6912.61                               | 2.39                                    | 23.81                   | 17.5                            | 23.5                               |
| GWM-1    | 6/2/2015      | ND                           | 18.53                                   | NA                        | 6891.69                     | 6910.22                                           | 6912.61                               | 2.39                                    | 23.81                   | 17.5                            | 23.5                               |
| GWM-1    | 8/11/2015     | 19.01                        | NA                                      | NA                        | NA                          | 6910.22                                           | 6912.61                               | 2.39                                    | 23.81                   | 17.5                            | 23.5                               |
| GWM-1    | 8/24/2015     | 18.61                        | 19.06                                   | 0.45                      | 6891.16                     | 6910.22                                           | 6912.61                               | 2.39                                    | 23.81                   | 17.5                            | 23.5                               |
| GWM-1    | 10/29/2015    | 18.74                        | 19.08                                   | 0.34                      | 6891.14                     | 6910.22                                           | 6912.61                               | 2.39                                    | 23.81                   | 17.5                            | 23.5                               |
| GWM-1    | 3/1/2016      | 20.45                        | 20.49                                   | 0.04                      | 6889.73                     | 6910.22                                           | 6912.61                               | 2.39                                    | 23.81                   | 17.5                            | 23.5                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| GWM-1    | 6/7/2016      | 18.97                        | 19.00                                   | 0.03                      | 6891.22                     | 6910.22                                           | 6912.61                               | 2.39                                    | 23.81                   | 17.5                            | 23.5                               |
| GWM-1    | 9/13/2016     | 18.90                        | NA                                      | NA                        | NA                          | 6910.22                                           | 6912.61                               | 2.39                                    | 23.81                   | 17.5                            | 23.5                               |
| GWM-1    | 11/14/2016    | 19.11                        | 19.13                                   | 0.02                      | 6891.09                     | 6910.22                                           | 6912.61                               | 2.39                                    | 23.81                   | 17.5                            | 23.5                               |
| GWM-1    | 3/16/2017     | 19.35                        | 19.65                                   | 0.30                      | 6890.57                     | 6910.22                                           | 6912.61                               | 2.39                                    | 23.81                   | 17.5                            | 23.5                               |
| GWM-1    | 6/2/2017      | 19.15                        | 19.59                                   | 0.44                      | 6890.63                     | 6910.22                                           | 6912.61                               | 2.39                                    | 23.81                   | 17.5                            | 23.5                               |
| GWM-1    | 9/8/2017      | 19.10                        | 19.32                                   | 0.22                      | 6890.90                     | 6910.22                                           | 6912.61                               | 2.39                                    | 23.81                   | 17.5                            | 23.5                               |
| GWM-1    | 12/4/2017     | 17.31                        | 18.31                                   | 1.00                      | 6891.91                     | 6910.22                                           | 6912.61                               | 2.39                                    | 23.81                   | 17.5                            | 23.5                               |
| GWM-1    | 2/12/2018     | 19.44                        | 19.81                                   | 0.37                      | 6890.41                     | 6910.22                                           | 6912.61                               | 2.39                                    | 23.81                   | 17.5                            | 23.5                               |
| GWM-1    | 4/26/2018     | 19.46                        | 19.86                                   | 0.40                      | 6890.36                     | 6910.22                                           | 6912.61                               | 2.39                                    | 23.99                   | 17.5                            | 23.5                               |
| GWM-1    | 8/15/2018     | 19.11                        | 19.15                                   | 0.04                      | 6891.07                     | 6910.22                                           | 6912.61                               | 2.39                                    | 24.03                   | 17.5                            | 23.5                               |
| GWM-1    | 11/19/2018    | 19.03                        | 19.16                                   | 0.13                      | 6891.06                     | 6910.22                                           | 6912.61                               | 2.39                                    | 23.81                   | 17.5                            | 23.5                               |
| GWM-1    | 3/28/2019     | 19.20                        | 19.68                                   | 0.48                      | 6890.54                     | 6910.22                                           | 6912.61                               | 2.39                                    | 23.81                   | 17.5                            | 23.5                               |
| GWM-1    | 5/8/2019      | 18.93                        | 19.22                                   | 0.29                      | 6891.00                     | 6910.22                                           | 6912.61                               | 2.39                                    | 23.81                   | 17.5                            | 23.5                               |
| GWM-1    | 8/6/2019      | 18.38                        | 18.51                                   | 0.13                      | 6891.71                     | 6910.22                                           | 6912.61                               | 2.39                                    | 24.03                   | 17.5                            | 23.5                               |
| GWM-1    | 10/21/2019    | 18.25                        | 18.44                                   | 0.19                      | 6891.78                     | 6910.22                                           | 6912.61                               | 2.39                                    | 23.81                   | 17.5                            | 23.5                               |
| GWM-1    | 3/3/2020      | 19.01                        | 19.09                                   | 0.08                      | 6891.13                     | 6910.22                                           | 6912.61                               | 2.39                                    | 23.81                   | 17.5                            | 23.5                               |
| GWM-1    | 7/1/2020      | 17.98 *                      | 18.43 *                                 | 0.45                      | 6892.24                     | 6910.22                                           | 6912.61                               | 2.39                                    | 23.81                   | 17.5                            | 23.5                               |
| GWM-1    | 9/15/2020     | 18.34                        | 19.01                                   | 0.67                      | 6891.21                     | 6910.22                                           | 6912.61                               | 2.39                                    | 24.26                   | 17.5                            | 23.5                               |
| GWM-1    | 11/9/2020     | 18.49                        | 19.33                                   | 0.84                      | 6890.89                     | 6910.22                                           | 6912.61                               | 2.39                                    | 24.26                   | 17.5                            | 23.5                               |
| GWM-1    | 12/7/2020     | 18.52                        | 19.46                                   | 0.94                      | 6890.76                     | 6910.22                                           | 6912.61                               | 2.39                                    | 24.06                   | 17.5                            | 23.5                               |
| GWM-1    | 1/28/2021     | 18.71                        | 19.91                                   | 1.20                      | 6890.31                     | 6910.22                                           | 6912.61                               | 2.39                                    | 23.86                   | 17.5                            | 23.5                               |
| GWM-1    | 2/28/2021     | 18.80                        | 20.18                                   | 1.38                      | 6890.04                     | 6910.22                                           | 6912.61                               | 2.39                                    | 24.01                   | 17.5                            | 23.5                               |
| GWM-1    | 3/31/2021     | 18.80                        | 20.18                                   | 1.38                      | 6890.04                     | 6910.22                                           | 6912.61                               | 2.39                                    | 24.01                   | 17.5                            | 23.5                               |
| GWM-1    | 4/26/2021     | 19.75                        | 20.59                                   | 0.84                      | 6889.63                     | 6910.22                                           | 6912.61                               | 2.39                                    | 24.01                   | 17.5                            | 23.5                               |
| GWM-1    | 5/20/2021     | 19.27                        | 20.53                                   | 1.26                      | 6889.69                     | 6910.22                                           | 6912.61                               | 2.39                                    | 24.01                   | 17.5                            | 23.5                               |
| GWM-1    | 6/2/2021      | 18.87                        | 20.28                                   | 1.41                      | 6889.94                     | 6910.22                                           | 6912.61                               | 2.39                                    | 24.01                   | 17.5                            | 23.5                               |
| GWM-1    | 9/9/2021      | 18.85                        | 20.08                                   | 1.23                      | 6890.14                     | 6910.22                                           | 6912.61                               | 2.39                                    | 24.01                   | 17.5                            | 23.5                               |
| GWM-1    | 12/3/2021     | 18.50                        | 19.77                                   | 1.27                      | 6890.45                     | 6910.22                                           | 6912.61                               | 2.39                                    | 24.01                   | 17.5                            | 23.5                               |
| GWM-1    | 1/10/2022     | 18.54                        | 20.73                                   | 2.19                      | 6889.49                     | 6910.22                                           | 6912.61                               | 2.39                                    | 24.01                   | 17.5                            | 23.5                               |
| GWM-1    | 2/28/2022     | 18.54                        | 20.74                                   | 2.20                      | 6889.48                     | 6910.22                                           | 6912.61                               | 2.39                                    | 24.01                   | 17.5                            | 23.5                               |
| GWM-1    | 3/1/2022      | 18.45                        | 19.71                                   | 1.26                      | 6890.51                     | 6910.22                                           | 6912.61                               | 2.39                                    | 24.01                   | 17.5                            | 23.5                               |
| GWM-1    | 4/27/2022     | 18.72                        | 20.63                                   | 1.91                      | 6889.59                     | 6910.22                                           | 6912.61                               | 2.39                                    | 24.01                   | 17.5                            | 23.5                               |
| GWM-1    | 5/5/2022      | 18.68                        | 20.72                                   | 2.04                      | 6889.50                     | 6910.22                                           | 6912.61                               | 2.39                                    | 24.01                   | 17.5                            | 23.5                               |
| GWM-1    | 6/1/2022      | 18.64                        | 20.81                                   | 2.17                      | 6889.41                     | 6910.22                                           | 6912.61                               | 2.39                                    | 24.01                   | 17.5                            | 23.5                               |
| GWM-1    | 7/7/2022      | 19.01                        | 21.23                                   | 2.22                      | 6888.99                     | 6910.22                                           | 6912.61                               | 2.39                                    | 24.01                   | 17.5                            | 23.5                               |
| GWM-1    | 8/9/2022      | 18.97                        | 21.26                                   | 2.29                      | 6888.96                     | 6910.22                                           | 6912.61                               | 2.39                                    | 24.01                   | 17.5                            | 23.5                               |
| GWM-1    | 9/5/2022      | 18.51                        | 20.59                                   | 2.08                      | 6889.63                     | 6910.22                                           | 6912.61                               | 2.39                                    | 24.01                   | 17.5                            | 23.5                               |
| GWM-1    | 10/5/2022     | 18.66                        | 20.66                                   | 2.00                      | 6889.56                     | 6910.22                                           | 6912.61                               | 2.39                                    | 24.01                   | 17.5                            | 23.5                               |
| GWM-1    | 11/2/2022     | 18.72                        | 20.73                                   | 2.01                      | 6889.49                     | 6910.22                                           | 6912.61                               | 2.39                                    | 24.01                   | 17.5                            | 23.5                               |
| GWM-1    | 12/6/2022     | 18.62                        | 20.69                                   | 2.07                      | 6889.53                     | 6910.22                                           | 6912.61                               | 2.39                                    | 24.01                   | 17.5                            | 23.5                               |
| GWM-2    | 3/11/2014     | ND                           | Dry                                     | NA                        | Dry                         | 6910.32                                           | 6913.09                               | 2.77                                    | 16.04                   | 3.2                             | 16.2                               |
| GWM-2    | 6/5/2014      | ND                           | Dry                                     | NA                        | Dry                         | 6910.32                                           | 6913.09                               | 2.77                                    | 16.04                   | 3.2                             | 16.2                               |
| GWM-2    | 9/12/2014     | ND                           | Dry                                     | NA                        | Dry                         | 6910.32                                           | 6913.09                               | 2.77                                    | 16.04                   | 3.2                             | 16.2                               |
| GWM-2    | 11/11/2014    | ND                           | Dry                                     | NA                        | Dry                         | 6910.32                                           | 6913.09                               | 2.77                                    | 16.04                   | 3.2                             | 16.2                               |
| GWM-2    | 3/10/2015     | ND                           | Dry                                     | NA                        | Dry                         | 6910.32                                           | 6913.09                               | 2.77                                    | 16.04                   | 3.2                             | 16.2                               |
| GWM-2    | 6/2/2015      | ND                           | Dry                                     | NA                        | Dry                         | 6910.32                                           | 6913.09                               | 2.77                                    | 16.04                   | 3.2                             | 16.2                               |
| GWM-2    | 8/11/2015     | ND                           | Dry                                     | NA                        | Dry                         | 6910.32                                           | 6913.09                               | 2.77                                    | 16.04                   | 3.2                             | 16.2                               |
| GWM-2    | 10/29/2015    | ND                           | Dry                                     | NA                        | Dry                         | 6910.32                                           | 6913.09                               | 2.77                                    | 16.04                   | 3.2                             | 16.2                               |



APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| GWM-2    | 3/1/2016      | ND                           | Dry                                     | NA                        | Dry                         | 6910.32                                           | 6913.09                               | 2.77                                    | 16.04                   | 3.2                             | 16.2                               |
| GWM-2    | 6/7/2016      | ND                           | Dry                                     | NA                        | Dry                         | 6910.32                                           | 6913.09                               | 2.77                                    | 16.04                   | 3.2                             | 16.2                               |
| GWM-2    | 9/13/2016     | ND                           | Dry                                     | NA                        | Dry                         | 6910.32                                           | 6913.09                               | 2.77                                    | 16.04                   | 3.2                             | 16.2                               |
| GWM-2    | 11/14/2016    | ND                           | Dry                                     | NA                        | Dry                         | 6910.32                                           | 6913.09                               | 2.77                                    | 16.04                   | 3.2                             | 16.2                               |
| GWM-2    | 3/16/2017     | ND                           | Dry                                     | NA                        | Dry                         | 6910.32                                           | 6913.09                               | 2.77                                    | 16.04                   | 3.2                             | 16.2                               |
| GWM-2    | 6/2/2017      | ND                           | Dry                                     | NA                        | Dry                         | 6910.32                                           | 6913.09                               | 2.77                                    | 16.04                   | 3.2                             | 16.2                               |
| GWM-2    | 9/5/2017      | ND                           | Dry                                     | NA                        | Dry                         | 6910.32                                           | 6913.09                               | 2.77                                    | 16.04                   | 3.2                             | 16.2                               |
| GWM-2    | 12/4/2017     | ND                           | Dry                                     | NA                        | Dry                         | 6910.32                                           | 6913.09                               | 2.77                                    | 16.04                   | 3.2                             | 16.2                               |
| GWM-2    | 2/12/2018     | ND                           | Dry                                     | NA                        | Dry                         | 6910.32                                           | 6913.09                               | 2.77                                    | 16.28                   | 3.2                             | 16.2                               |
| GWM-2    | 4/26/2018     | ND                           | Dry                                     | NA                        | Dry                         | 6910.32                                           | 6913.09                               | 2.77                                    | 16.24                   | 3.2                             | 16.2                               |
| GWM-2    | 8/15/2018     | ND                           | Dry                                     | NA                        | Dry                         | 6910.32                                           | 6913.09                               | 2.77                                    | 16.27                   | 3.2                             | 16.2                               |
| GWM-2    | 11/19/2018    | ND                           | Dry                                     | NA                        | Dry                         | 6910.32                                           | 6913.09                               | 2.77                                    | 16.04                   | 3.2                             | 16.2                               |
| GWM-2    | 3/28/2019     | ND                           | Dry                                     | NA                        | Dry                         | 6910.32                                           | 6913.09                               | 2.77                                    | 16.32                   | 3.2                             | 16.2                               |
| GWM-2    | 5/8/2019      | ND                           | Dry                                     | NA                        | Dry                         | 6910.32                                           | 6913.09                               | 2.77                                    | 16.32                   | 3.2                             | 16.2                               |
| GWM-2    | 8/6/2019      | ND                           | Dry                                     | NA                        | Dry                         | 6910.32                                           | 6913.09                               | 2.77                                    | 16.27                   | 3.2                             | 16.2                               |
| GWM-2    | 10/19/2019    | ND                           | Dry                                     | NA                        | Dry                         | 6910.32                                           | 6913.09                               | 2.77                                    | 16.04                   | 3.2                             | 16.2                               |
| GWM-2    | 3/3/2020      | ND                           | Dry                                     | NA                        | Dry                         | 6910.32                                           | 6913.09                               | 2.77                                    | 16.04                   | 3.2                             | 16.2                               |
| GWM-2    | 7/1/2020      | ND                           | Dry                                     | NA                        | Dry                         | 6910.32                                           | 6913.09                               | 2.77                                    | 8.69                    | 3.2                             | 16.2                               |
| GWM-2    | 9/15/2020     | ND                           | Dry                                     | NA                        | Dry                         | 6910.32                                           | 6913.09                               | 2.77                                    | 15.31                   | 3.2                             | 16.2                               |
| GWM-2    | 11/10/2020    | ND                           | Dry                                     | NA                        | Dry                         | 6910.32                                           | 6913.09                               | 2.77                                    | 15.31                   | 3.2                             | 16.2                               |
| GWM-2    | 12/7/2020     | ND                           | Dry                                     | NA                        | Dry                         | 6910.32                                           | 6913.09                               | 2.77                                    | 15.31                   | 3.2                             | 16.2                               |
| GWM-2    | 1/28/2021     | ND                           | Dry                                     | NA                        | Dry                         | 6910.32                                           | 6913.09                               | 2.77                                    | 15.31                   | 3.2                             | 16.2                               |
| GWM-2    | 2/28/2021     | ND                           | Dry                                     | NA                        | Dry                         | 6910.32                                           | 6913.09                               | 2.77                                    | 15.31                   | 3.2                             | 16.2                               |
| GWM-2    | 3/31/2021     | ND                           | Dry                                     | NA                        | Dry                         | 6910.32                                           | 6913.09                               | 2.77                                    | 15.31                   | 3.2                             | 16.2                               |
| GWM-2    | 4/26/2021     | ND                           | Dry                                     | NA                        | Dry                         | 6910.32                                           | 6913.09                               | 2.77                                    | 15.31                   | 3.2                             | 16.2                               |
| GWM-2    | 5/20/2021     | ND                           | Dry                                     | NA                        | Dry                         | 6910.32                                           | 6913.09                               | 2.77                                    | 15.31                   | 3.2                             | 16.2                               |
| GWM-2    | 6/3/2021      | ND                           | Dry                                     | NA                        | Dry                         | 6910.32                                           | 6913.09                               | 2.77                                    | 15.31                   | 3.2                             | 16.2                               |
| GWM-2    | 9/9/2021      | ND                           | Dry                                     | NA                        | Dry                         | 6910.32                                           | 6913.09                               | 2.77                                    | 15.31                   | 3.2                             | 16.2                               |
| GWM-2    | 12/2/2021     | ND                           | Dry                                     | NA                        | Dry                         | 6910.32                                           | 6913.09                               | 2.77                                    | 15.31                   | 3.2                             | 16.2                               |
| GWM-2    | 1/10/2022     | ND                           | Dry                                     | NA                        | Dry                         | 6910.32                                           | 6913.09                               | 2.77                                    | 15.31                   | 3.2                             | 16.2                               |
| GWM-2    | 2/28/2022     | ND                           | Dry                                     | NA                        | Dry                         | 6910.32                                           | 6913.09                               | 2.77                                    | 15.31                   | 3.2                             | 16.2                               |
| GWM-2    | 3/1/2022      | ND                           | Dry                                     | NA                        | Dry                         | 6910.32                                           | 6913.09                               | 2.77                                    | 15.31                   | 3.2                             | 16.2                               |
| GWM-2    | 4/27/2022     | ND                           | Dry                                     | NA                        | Dry                         | 6910.32                                           | 6913.09                               | 2.77                                    | 15.31                   | 3.2                             | 16.2                               |
| GWM-2    | 5/5/2022      | ND                           | Dry                                     | NA                        | Dry                         | 6910.32                                           | 6913.09                               | 2.77                                    | 15.31                   | 3.2                             | 16.2                               |
| GWM-2    | 6/1/2022      | ND                           | Dry                                     | NA                        | Dry                         | 6910.32                                           | 6913.09                               | 2.77                                    | 15.31                   | 3.2                             | 16.2                               |
| GWM-2    | 7/7/2022      | ND                           | Dry                                     | NA                        | Dry                         | 6910.32                                           | 6913.09                               | 2.77                                    | 15.31                   | 3.2                             | 16.2                               |
| GWM-2    | 8/9/2022      | ND                           | Dry                                     | NA                        | Dry                         | 6910.32                                           | 6913.09                               | 2.77                                    | 15.31                   | 3.2                             | 16.2                               |
| GWM-2    | 9/5/2022      | ND                           | Dry                                     | NA                        | Dry                         | 6910.32                                           | 6913.09                               | 2.77                                    | 15.31                   | 3.2                             | 16.2                               |
| GWM-2    | 10/5/2022     | ND                           | Dry                                     | NA                        | Dry                         | 6910.32                                           | 6913.09                               | 2.77                                    | 15.31                   | 3.2                             | 16.2                               |
| GWM-2    | 11/2/2022     | ND                           | Dry                                     | NA                        | Dry                         | 6910.32                                           | 6913.09                               | 2.77                                    | 15.31                   | 3.2                             | 16.2                               |
| GWM-2    | 12/6/2022     | ND                           | Dry                                     | NA                        | Dry                         | 6910.32                                           | 6913.09                               | 2.77                                    | 15.31                   | 3.2                             | 16.2                               |
| GWM-3    | 3/11/2014     | ND                           | Dry                                     | NA                        | Dry                         | 6907.35                                           | 6910.25                               | 2.90                                    | 14.90                   | 3.0                             | 5.0                                |
| GWM-3    | 6/5/2014      | ND                           | Dry                                     | NA                        | Dry                         | 6907.35                                           | 6910.25                               | 2.90                                    | 14.90                   | 3.0                             | 5.0                                |
| GWM-3    | 9/12/2014     | ND                           | Dry                                     | NA                        | Dry                         | 6907.35                                           | 6910.25                               | 2.90                                    | 14.90                   | 3.0                             | 5.0                                |
| GWM-3    | 11/11/2014    | ND                           | Dry                                     | NA                        | Dry                         | 6907.35                                           | 6910.25                               | 2.90                                    | 14.90                   | 3.0                             | 5.0                                |
| GWM-3    | 3/10/2015     | ND                           | Dry                                     | NA                        | Dry                         | 6907.35                                           | 6910.25                               | 2.90                                    | 14.90                   | 3.0                             | 5.0                                |
| GWM-3    | 6/2/2015      | ND                           | Dry                                     | NA                        | Dry                         | 6907.35                                           | 6910.25                               | 2.90                                    | 14.90                   | 3.0                             | 5.0                                |
| GWM-3    | 8/11/2015     | ND                           | Dry                                     | NA                        | Dry                         | 6907.35                                           | 6910.25                               | 2.90                                    | 14.90                   | 3.0                             | 5.0                                |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| GWM-3    | 10/29/2015    | ND                           | Dry                                     | NA                        | Dry                         | 6907.35                                           | 6910.25                               | 2.90                                    | 14.90                   | 3.0                             | 5.0                                |
| GWM-3    | 3/1/2016      | ND                           | Dry                                     | NA                        | Dry                         | 6907.35                                           | 6910.25                               | 2.90                                    | 14.90                   | 3.0                             | 5.0                                |
| GWM-3    | 6/7/2016      | ND                           | Dry                                     | NA                        | Dry                         | 6907.35                                           | 6910.25                               | 2.90                                    | 14.90                   | 3.0                             | 5.0                                |
| GWM-3    | 9/13/2016     | ND                           | Dry                                     | NA                        | Dry                         | 6907.35                                           | 6910.25                               | 2.90                                    | 14.90                   | 3.0                             | 5.0                                |
| GWM-3    | 11/14/2016    | ND                           | Dry                                     | NA                        | Dry                         | 6907.35                                           | 6910.25                               | 2.90                                    | 14.90                   | 3.0                             | 5.0                                |
| GWM-3    | 3/16/2017     | ND                           | Dry                                     | NA                        | Dry                         | 6907.35                                           | 6910.25                               | 2.90                                    | 14.90                   | 3.0                             | 5.0                                |
| GWM-3    | 6/2/2017      | ND                           | Dry                                     | NA                        | Dry                         | 6907.35                                           | 6910.25                               | 2.90                                    | 14.90                   | 3.0                             | 5.0                                |
| GWM-3    | 9/5/2017      | ND                           | Dry                                     | NA                        | Dry                         | 6907.35                                           | 6910.25                               | 2.90                                    | 14.90                   | 3.0                             | 5.0                                |
| GWM-3    | 12/4/2017     | ND                           | Dry                                     | NA                        | Dry                         | 6907.35                                           | 6910.25                               | 2.90                                    | 14.90                   | 3.0                             | 5.0                                |
| GWM-3    | 2/12/2018     | ND                           | Dry                                     | NA                        | Dry                         | 6907.35                                           | 6910.25                               | 2.90                                    | 15.15                   | 3.0                             | 5.0                                |
| GWM-3    | 4/26/2018     | ND                           | Dry                                     | NA                        | Dry                         | 6907.35                                           | 6910.25                               | 2.90                                    | 15.12                   | 3.0                             | 5.0                                |
| GWM-3    | 8/15/2018     | ND                           | Dry                                     | NA                        | Dry                         | 6907.35                                           | 6910.25                               | 2.90                                    | 15.14                   | 3.0                             | 5.0                                |
| GWM-3    | 11/19/2018    | ND                           | Dry                                     | NA                        | Dry                         | 6907.35                                           | 6910.25                               | 2.90                                    | 14.90                   | 3.0                             | 5.0                                |
| GWM-3    | 3/28/2019     | ND                           | Dry                                     | NA                        | Dry                         | 6907.35                                           | 6910.25                               | 2.90                                    | 15.16                   | 3.0                             | 5.0                                |
| GWM-3    | 5/8/2019      | ND                           | Dry                                     | NA                        | Dry                         | 6907.35                                           | 6910.25                               | 2.90                                    | 15.16                   | 3.0                             | 5.0                                |
| GWM-3    | 8/6/2019      | ND                           | Dry                                     | NA                        | Dry                         | 6907.35                                           | 6910.25                               | 2.90                                    | 15.14                   | 3.0                             | 5.0                                |
| GWM-3    | 3/3/2020      | ND                           | Dry                                     | NA                        | Dry                         | 6907.35                                           | 6910.25                               | 2.90                                    | 15.14                   | 3.0                             | 5.0                                |
| GWM-3    | 7/1/2020      | ND                           | Dry                                     | NA                        | Dry                         | 6907.35                                           | 6910.25                               | 2.90                                    | 8.64                    | 3.0                             | 5.0                                |
| GWM-3    | 9/15/2020     | ND                           | Dry                                     | NA                        | Dry                         | 6907.35                                           | 6910.25                               | 2.90                                    | 16.25                   | 3.0                             | 5.0                                |
| GWM-3    | 10/11/2020    | ND                           | Dry                                     | NA                        | Dry                         | 6907.35                                           | 6910.25                               | 2.90                                    | 16.25                   | 3.0                             | 5.0                                |
| GWM-3    | 12/7/2020     | ND                           | Dry                                     | NA                        | Dry                         | 6907.35                                           | 6910.25                               | 2.90                                    | 16.25                   | 3.0                             | 5.0                                |
| GWM-3    | 1/28/2021     | ND                           | Dry                                     | NA                        | Dry                         | 6907.35                                           | 6910.25                               | 2.90                                    | 16.25                   | 3.0                             | 5.0                                |
| GWM-3    | 2/28/2021     | ND                           | Dry                                     | NA                        | Dry                         | 6907.35                                           | 6910.25                               | 2.90                                    | 16.25                   | 3.0                             | 5.0                                |
| GWM-3    | 3/31/2021     | ND                           | Dry                                     | NA                        | Dry                         | 6907.35                                           | 6910.25                               | 2.90                                    | 16.25                   | 3.0                             | 5.0                                |
| GWM-3    | 4/26/2021     | ND                           | Dry                                     | NA                        | Dry                         | 6907.35                                           | 6910.25                               | 2.90                                    | 16.25                   | 3.0                             | 5.0                                |
| GWM-3    | 5/20/2021     | ND                           | Dry                                     | NA                        | Dry                         | 6907.35                                           | 6910.25                               | 2.90                                    | 16.25                   | 3.0                             | 5.0                                |
| GWM-3    | 6/3/2021      | ND                           | Dry                                     | NA                        | Dry                         | 6907.35                                           | 6910.25                               | 2.90                                    | 16.25                   | 3.0                             | 5.0                                |
| GWM-3    | 9/9/2021      | ND                           | Dry                                     | NA                        | Dry                         | 6907.35                                           | 6910.25                               | 2.90                                    | 16.25                   | 3.0                             | 5.0                                |
| GWM-3    | 12/2/2021     | ND                           | Dry                                     | NA                        | Dry                         | 6907.35                                           | 6910.25                               | 2.90                                    | 16.25                   | 3.0                             | 5.0                                |
| GWM-3    | 1/10/2022     | ND                           | Dry                                     | NA                        | Dry                         | 6907.35                                           | 6910.25                               | 2.90                                    | 16.25                   | 3.0                             | 5.0                                |
| GWM-3    | 2/28/2022     | ND                           | Dry                                     | NA                        | Dry                         | 6907.35                                           | 6910.25                               | 2.90                                    | 16.25                   | 3.0                             | 5.0                                |
| GWM-3    | 3/1/2022      | ND                           | Dry                                     | NA                        | Dry                         | 6907.35                                           | 6910.25                               | 2.90                                    | 16.25                   | 3.0                             | 5.0                                |
| GWM-3    | 4/27/2022     | ND                           | Dry                                     | NA                        | Dry                         | 6907.35                                           | 6910.25                               | 2.90                                    | 16.25                   | 3.0                             | 5.0                                |
| GWM-3    | 5/5/2022      | ND                           | Dry                                     | NA                        | Dry                         | 6907.35                                           | 6910.25                               | 2.90                                    | 16.25                   | 3.0                             | 5.0                                |
| GWM-3    | 6/1/2022      | ND                           | Dry                                     | NA                        | Dry                         | 6907.35                                           | 6910.25                               | 2.90                                    | 16.25                   | 3.0                             | 5.0                                |
| GWM-3    | 7/7/2022      | ND                           | Dry                                     | NA                        | Dry                         | 6907.35                                           | 6910.25                               | 2.90                                    | 16.25                   | 3.0                             | 5.0                                |
| GWM-3    | 8/9/2022      | ND                           | Dry                                     | NA                        | Dry                         | 6907.35                                           | 6910.25                               | 2.90                                    | 16.25                   | 3.0                             | 5.0                                |
| GWM-3    | 9/5/2022      | ND                           | Dry                                     | NA                        | Dry                         | 6907.35                                           | 6910.25                               | 2.90                                    | 16.25                   | 3.0                             | 5.0                                |
| GWM-3    | 10/5/2022     | ND                           | Dry                                     | NA                        | Dry                         | 6907.35                                           | 6910.25                               | 2.90                                    | 16.25                   | 3.0                             | 5.0                                |
| GWM-3    | 11/2/2022     | ND                           | Dry                                     | NA                        | Dry                         | 6907.35                                           | 6910.25                               | 2.90                                    | 16.25                   | 3.0                             | 5.0                                |
| GWM-3    | 12/6/2022     | ND                           | Dry                                     | NA                        | Dry                         | 6907.35                                           | 6910.25                               | 2.90                                    | 16.25                   | 3.0                             | 5.0                                |
| KA-3     | 3/10/2014     | ND                           | 8.80                                    | NA                        | 6904.49                     | 6913.29                                           | 6912.52                               | -0.77                                   | 23.97                   | 15.0                            | 25.0                               |
| KA-3     | 6/5/2014      | ND                           | 8.72                                    | NA                        | 6904.57                     | 6913.29                                           | 6912.52                               | -0.77                                   | 23.97                   | 15.0                            | 25.0                               |
| KA-3     | 9/11/2014     | ND                           | 9.77                                    | NA                        | 6903.52                     | 6913.29                                           | 6912.52                               | -0.77                                   | 23.97                   | 15.0                            | 25.0                               |
| KA-3     | 11/11/2014    | ND                           | 8.77                                    | NA                        | 6904.52                     | 6913.29                                           | 6912.52                               | -0.77                                   | 23.97                   | 15.0                            | 25.0                               |
| KA-3     | 3/10/2015     | ND                           | 9.01                                    | NA                        | 6904.28                     | 6913.29                                           | 6912.52                               | -0.77                                   | 23.97                   | 15.0                            | 25.0                               |
| KA-3     | 6/2/2015      | ND                           | 9.36                                    | NA                        | 6903.93                     | 6913.29                                           | 6912.52                               | -0.77                                   | 23.97                   | 15.0                            | 25.0                               |
| KA-3     | 8/10/2015     | ND                           | 9.55                                    | NA                        | 6903.74                     | 6913.29                                           | 6912.52                               | -0.77                                   | 23.97                   | 15.0                            | 25.0                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| KA-3     | 10/28/2015    | ND                           | 8.97                                    | NA                        | 6904.32                     | 6913.29                                           | 6912.52                               | -0.77                                   | 23.97                   | 15.0                            | 25.0                               |
| KA-3     | 3/3/2016      | ND                           | 8.45                                    | NA                        | 6904.84                     | 6913.29                                           | 6912.52                               | -0.77                                   | 23.97                   | 15.0                            | 25.0                               |
| KA-3     | 6/6/2016      | ND                           | 8.19                                    | NA                        | 6905.10                     | 6913.29                                           | 6912.52                               | -0.77                                   | 23.97                   | 15.0                            | 25.0                               |
| KA-3     | 9/1/2016      | ND                           | 8.90                                    | NA                        | 6904.39                     | 6913.29                                           | 6912.52                               | -0.77                                   | 23.97                   | 15.0                            | 25.0                               |
| KA-3     | 11/14/2016    | ND                           | 9.05                                    | NA                        | 6904.24                     | 6913.29                                           | 6912.52                               | -0.77                                   | 23.97                   | 15.0                            | 25.0                               |
| KA-3     | 2/21/2017     | ND                           | 8.14                                    | NA                        | 6905.15                     | 6913.29                                           | 6912.52                               | -0.77                                   | 23.97                   | 15.0                            | 25.0                               |
| KA-3     | 6/1/2017      | ND                           | 8.99                                    | NA                        | 6904.30                     | 6913.29                                           | 6912.52                               | -0.77                                   | 23.97                   | 15.0                            | 25.0                               |
| KA-3     | 9/5/2017      | ND                           | 8.98                                    | NA                        | 6904.31                     | 6913.29                                           | 6912.52                               | -0.77                                   | 23.97                   | 15.0                            | 25.0                               |
| KA-3     | 12/4/2017     | ND                           | 8.77                                    | NA                        | 6904.52                     | 6913.29                                           | 6912.52                               | -0.77                                   | 25.05                   | 15.0                            | 25.0                               |
| KA-3     | 2/9/2018      | ND                           | 9.17                                    | NA                        | 6904.12                     | 6913.29                                           | 6912.52                               | -0.77                                   | 25.07                   | 15.0                            | 25.0                               |
| KA-3     | 4/26/2018     | ND                           | 9.27                                    | NA                        | 6904.02                     | 6913.29                                           | 6912.52                               | -0.77                                   | 25.01                   | 15.0                            | 25.0                               |
| KA-3     | 8/15/2018     | NA                           | NA                                      | NA                        | NA                          | 6913.29                                           | 6912.52                               | -0.77                                   | 25.01                   | 15.0                            | 25.0                               |
| KA-3     | 11/8/2018     | NA                           | NA                                      | NA                        | NA                          | 6913.29                                           | 6912.52                               | -0.77                                   | 25.01                   | 15.0                            | 25.0                               |
| KA-3     | 3/28/2019     | NA                           | NA                                      | NA                        | NA                          | 6913.29                                           | 6912.52                               | -0.77                                   | 25.01                   | 15.0                            | 25.0                               |
| KA-3     | 5/28/2019     | ND                           | 10.72                                   | NA                        | 6902.57                     | 6913.29                                           | 6912.52                               | -0.77                                   | 23.97                   | 15.0                            | 25.0                               |
| KA-3     | 8/22/2019     | ND                           | 9.82                                    | NA                        | 6903.47                     | 6913.29                                           | 6912.52                               | -0.77                                   | 23.97                   | 15.0                            | 25.0                               |
| KA-3     | 10/21/2019    | ND                           | 9.93                                    | NA                        | 6903.36                     | 6913.29                                           | 6912.52                               | -0.77                                   | 23.97                   | 15.0                            | 25.0                               |
| KA-3     | 3/3/2020      | ND                           | 10.07                                   | NA                        | 6903.22                     | 6913.29                                           | 6912.52                               | -0.77                                   | 23.97                   | 15.0                            | 25.0                               |
| KA-3     | 7/1/2020      | ND                           | 9.52                                    | NA                        | 6903.77                     | 6913.29                                           | 6912.52                               | -0.77                                   | 23.97                   | 15.0                            | 25.0                               |
| KA-3     | 9/15/2020     | ND                           | 8.85                                    | NA                        | 6904.44                     | 6913.29                                           | 6912.52                               | -0.77                                   | 23.97                   | 15.0                            | 25.0                               |
| KA-3     | 12/7/2020     | ND                           | 10.33                                   | NA                        | 6902.96                     | 6913.29                                           | 6912.52                               | -0.77                                   | 23.97                   | 15.0                            | 25.0                               |
| KA-3     | 1/28/2021     | ND                           | 11.27                                   | NA                        | 6902.02                     | 6913.29                                           | 6912.52                               | -0.77                                   | 23.97                   | 15.0                            | 25.0                               |
| KA-3     | 2/28/2021     | ND                           | 11.32                                   | NA                        | 6901.97                     | 6913.29                                           | 6912.52                               | -0.77                                   | 23.97                   | 15.0                            | 25.0                               |
| KA-3     | 3/31/2021     | ND                           | 11.45                                   | NA                        | 6901.84                     | 6913.29                                           | 6912.52                               | -0.77                                   | 23.97                   | 15.0                            | 25.0                               |
| KA-3     | 4/26/2021     | ND                           | 10.59                                   | NA                        | 6902.70                     | 6913.29                                           | 6912.52                               | -0.77                                   | 23.97                   | 15.0                            | 25.0                               |
| KA-3     | 5/20/2021     | ND                           | 11.80                                   | NA                        | 6901.49                     | 6913.29                                           | 6912.52                               | -0.77                                   | 23.97                   | 15.0                            | 25.0                               |
| KA-3     | 6/3/2021      | ND                           | 11.17                                   | NA                        | 6902.12                     | 6913.29                                           | 6912.52                               | -0.77                                   | 23.97                   | 15.0                            | 25.0                               |
| KA-3     | 9/8/2021      | ND                           | 10.08                                   | NA                        | 6903.21                     | 6913.29                                           | 6912.52                               | -0.77                                   | 23.97                   | 15.0                            | 25.0                               |
| KA-3     | 12/13/2021    | ND                           | 10.33                                   | NA                        | 6902.96                     | 6913.29                                           | 6912.52                               | -0.77                                   | 23.97                   | 15.0                            | 25.0                               |
| KA-3     | 1/10/2022     | ND                           | 10.21                                   | NA                        | 6903.08                     | 6913.29                                           | 6912.52                               | -0.77                                   | 23.97                   | 15.0                            | 25.0                               |
| KA-3     | 2/28/2022     | ND                           | 10.18                                   | NA                        | 6903.11                     | 6913.29                                           | 6912.52                               | -0.77                                   | 23.97                   | 15.0                            | 25.0                               |
| KA-3     | 3/1/2022      | ND                           | 10.30                                   | NA                        | 6902.99                     | 6913.29                                           | 6912.52                               | -0.77                                   | 32.16                   | 15.0                            | 25.0                               |
| KA-3     | 4/27/2022     | ND                           | 10.86                                   | NA                        | 6902.43                     | 6913.29                                           | 6912.52                               | -0.77                                   | 23.97                   | 15.0                            | 25.0                               |
| KA-3     | 5/5/2022      | ND                           | 10.90                                   | NA                        | 6902.39                     | 6913.29                                           | 6912.52                               | -0.77                                   | 23.97                   | 15.0                            | 25.0                               |
| KA-3     | 6/2/2022      | ND                           | 11.72                                   | NA                        | 6901.57                     | 6913.29                                           | 6912.52                               | -0.77                                   | 32.42                   | 15.0                            | 25.0                               |
| KA-3     | 7/7/2022      | ND                           | 11.45                                   | NA                        | 6901.84                     | 6913.29                                           | 6912.52                               | -0.77                                   | 23.97                   | 15.0                            | 25.0                               |
| KA-3     | 8/9/2022      | ND                           | 11.32                                   | NA                        | 6901.97                     | 6913.29                                           | 6912.52                               | -0.77                                   | 23.97                   | 15.0                            | 25.0                               |
| KA-3     | 9/2/2022      | ND                           | 11.57                                   | NA                        | 6901.72                     | 6913.29                                           | 6912.52                               | -0.77                                   | 32.37                   | 15.0                            | 25.0                               |
| KA-3     | 10/5/2022     | ND                           | 11.80                                   | NA                        | 6901.49                     | 6913.29                                           | 6912.52                               | -0.77                                   | 32.37                   | 15.0                            | 25.0                               |
| KA-3     | 11/2/2022     | ND                           | 11.72                                   | NA                        | 6901.57                     | 6913.29                                           | 6912.52                               | -0.77                                   | 32.37                   | 15.0                            | 25.0                               |
| KA-3     | 12/7/2022     | ND                           | 11.89                                   | NA                        | 6901.40                     | 6913.29                                           | 6912.52                               | -0.77                                   | 32.42                   | 15.0                            | 25.0                               |
| MKTF-01  | 1/13/2014     | 5.51                         | 5.95                                    | 0.44                      | 6912.33                     | 6918.28                                           | 6920.67                               | 2.39                                    | 15.03                   | 5.0                             | 15.0                               |
| MKTF-01  | 2/12/2014     | 4.34                         | 5.09                                    | 0.75                      | 6913.19                     | 6918.28                                           | 6920.67                               | 2.39                                    | 15.03                   | 5.0                             | 15.0                               |
| MKTF-01  | 3/11/2014     | 3.71                         | 3.99                                    | 0.28                      | 6914.29                     | 6918.28                                           | 6920.67                               | 2.39                                    | 15.03                   | 5.0                             | 15.0                               |
| MKTF-01  | 6/6/2014      | ND                           | 4.61                                    | NA                        | 6913.67                     | 6918.28                                           | 6920.67                               | 2.39                                    | 15.03                   | 5.0                             | 15.0                               |
| MKTF-01  | 9/15/2014     | 4.55                         | 4.59                                    | 0.04                      | 6913.69                     | 6918.28                                           | 6920.67                               | 2.39                                    | 15.03                   | 5.0                             | 15.0                               |
| MKTF-01  | 11/14/2014    | 4.91                         | 4.93                                    | 0.02                      | 6913.35                     | 6918.28                                           | 6920.67                               | 2.39                                    | 15.03                   | 5.0                             | 15.0                               |
| MKTF-01  | 3/11/2015     | ND                           | 3.46                                    | NA                        | 6914.82                     | 6918.28                                           | 6920.67                               | 2.39                                    | 15.03                   | 5.0                             | 15.0                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MKTF-01  | 6/9/2015      | ND                           | 4.76                                    | NA                        | 6913.52                     | 6918.28                                           | 6920.67                               | 2.39                                    | 15.03                   | 5.0                             | 15.0                               |
| MKTF-01  | 8/21/2015     | ND                           | 3.84                                    | NA                        | 6914.44                     | 6918.28                                           | 6920.67                               | 2.39                                    | 15.03                   | 5.0                             | 15.0                               |
| MKTF-01  | 11/4/2015     | ND                           | 3.48                                    | NA                        | 6914.80                     | 6918.28                                           | 6920.67                               | 2.39                                    | 15.03                   | 5.0                             | 15.0                               |
| MKTF-01  | 2/24/2016     | ND                           | 3.45                                    | NA                        | 6914.83                     | 6918.28                                           | 6920.67                               | 2.39                                    | 15.03                   | 5.0                             | 15.0                               |
| MKTF-01  | 6/10/2016     | ND                           | 4.63                                    | NA                        | 6913.65                     | 6918.28                                           | 6920.67                               | 2.39                                    | 15.03                   | 5.0                             | 15.0                               |
| MKTF-01  | 9/7/2016      | 4.73                         | 6.23                                    | 1.50                      | 6912.05                     | 6918.28                                           | 6920.67                               | 2.39                                    | 15.03                   | 5.0                             | 15.0                               |
| MKTF-01  | 11/4/2016     | ND                           | 3.48                                    | NA                        | 6914.80                     | 6918.28                                           | 6920.67                               | 2.39                                    | 15.03                   | 5.0                             | 15.0                               |
| MKTF-01  | 3/14/2017     | 2.26                         | 2.42                                    | 0.16                      | 6915.86                     | 6918.28                                           | 6920.67                               | 2.39                                    | 15.03                   | 5.0                             | 15.0                               |
| MKTF-01  | 6/7/2017      | 2.50                         | 3.03                                    | 0.53                      | 6915.25                     | 6918.28                                           | 6920.67                               | 2.39                                    | 15.03                   | 5.0                             | 15.0                               |
| MKTF-01  | 10/3/2017     | 3.81                         | 4.17                                    | 0.36                      | 6914.11                     | 6918.28                                           | 6920.67                               | 2.39                                    | 15.03                   | 5.0                             | 15.0                               |
| MKTF-01  | 11/20/2017    | 2.23                         | 2.56                                    | 0.33                      | 6915.72                     | 6918.28                                           | 6920.67                               | 2.39                                    | 15.03                   | 5.0                             | 15.0                               |
| MKTF-01  | 2/7/2018      | 2.66                         | 3.01                                    | 0.35                      | 6915.27                     | 6918.28                                           | 6920.67                               | 2.39                                    | 15.03                   | 5.0                             | 15.0                               |
| MKTF-01  | 4/25/2018     | 3.83                         | 4.13                                    | 0.30                      | 6914.15                     | 6918.28                                           | 6920.67                               | 2.39                                    | 14.96                   | 5.0                             | 15.0                               |
| MKTF-01  | 8/15/2018     | 4.01                         | 4.32                                    | 0.31                      | 6913.96                     | 6918.28                                           | 6920.67                               | 2.39                                    | 14.88                   | 5.0                             | 15.0                               |
| MKTF-01  | 11/27/2018    | 3.11                         | 3.48                                    | 0.37                      | 6914.80                     | 6918.28                                           | 6920.67                               | 2.39                                    | 15.03                   | 5.0                             | 15.0                               |
| MKTF-01  | 2/19/2019     | 2.01                         | 2.35                                    | 0.34                      | 6915.93                     | 6918.28                                           | 6920.67                               | 2.39                                    | 15.03                   | 5.0                             | 15.0                               |
| MKTF-01  | 5/6/2019      | 2.00                         | 2.35                                    | 0.35                      | 6915.93                     | 6918.28                                           | 6920.67                               | 2.39                                    | 15.03                   | 5.0                             | 15.0                               |
| MKTF-01  | 8/30/2019     | 2.19                         | 2.56                                    | 0.37                      | 6915.72                     | 6918.28                                           | 6920.67                               | 2.39                                    | 15.03                   | 5.0                             | 15.0                               |
| MKTF-01  | 11/19/2019    | 2.75                         | 3.06                                    | 0.31                      | 6915.22                     | 6918.28                                           | 6920.67                               | 2.39                                    | 15.03                   | 5.0                             | 15.0                               |
| MKTF-01  | 2/24/2020     | 2.48                         | 2.77                                    | 0.29                      | 6915.51                     | 6918.28                                           | 6920.67                               | 2.39                                    | 15.03                   | 5.0                             | 15.0                               |
| MKTF-01  | 6/26/2020     | 3.11                         | 3.32                                    | 0.21                      | 6914.96                     | 6918.28                                           | 6920.67                               | 2.39                                    | 15.03                   | 5.0                             | 15.0                               |
| MKTF-01  | 9/15/2020     | 3.22                         | 3.23                                    | 0.01                      | 6915.05                     | 6918.28                                           | 6920.67                               | 2.39                                    | 15.09                   | 5.0                             | 15.0                               |
| MKTF-01  | 11/10/2020    | 3.22                         | 3.50                                    | 0.28                      | 6914.78                     | 6918.28                                           | 6920.67                               | 2.39                                    | 15.09                   | 5.0                             | 15.0                               |
| MKTF-01  | 12/3/2020     | 3.35                         | 3.63                                    | 0.28                      | 6914.65                     | 6918.28                                           | 6920.67                               | 2.39                                    | 15.04                   | 5.0                             | 15.0                               |
| MKTF-01  | 1/28/2021     | 5.21                         | 5.69                                    | 0.48                      | 6912.59                     | 6918.28                                           | 6920.67                               | 2.39                                    | 15.04                   | 5.0                             | 15.0                               |
| MKTF-01  | 2/28/2021     | 3.31                         | 3.54                                    | 0.23                      | 6914.74                     | 6918.28                                           | 6920.67                               | 2.39                                    | 15.06                   | 5.0                             | 15.0                               |
| MKTF-01  | 3/31/2021     | 3.70                         | 3.94                                    | 0.24                      | 6914.34                     | 6918.28                                           | 6920.67                               | 2.39                                    | 15.06                   | 5.0                             | 15.0                               |
| MKTF-01  | 4/26/2021     | 3.49                         | 3.83                                    | 0.34                      | 6914.45                     | 6918.28                                           | 6920.67                               | 2.39                                    | 15.06                   | 5.0                             | 15.0                               |
| MKTF-01  | 5/20/2021     | 4.02                         | 4.38                                    | 0.36                      | 6913.90                     | 6918.28                                           | 6920.67                               | 2.39                                    | 15.06                   | 5.0                             | 15.0                               |
| MKTF-01  | 6/1/2021      | 3.42                         | 3.73                                    | 0.31                      | 6914.55                     | 6918.28                                           | 6920.67                               | 2.39                                    | 14.99                   | 5.0                             | 15.0                               |
| MKTF-01R | 8/31/2021     | ND                           | 3.60                                    | NA                        | NA                          | 6921.82                                           | NA                                    | -0.20                                   | NA                      | 3.0                             | 18.0                               |
| MKTF-01R | 12/3/2021     | ND                           | 3.55                                    | NA                        | 6918.27                     | 6921.82                                           | 6921.62                               | -0.20                                   | NA                      | 3.0                             | 18.0                               |
| MKTF-01R | 1/28/2022     | ND                           | 3.50                                    | NA                        | 6918.32                     | 6921.82                                           | 6921.62                               | -0.20                                   | 18.30                   | 3.0                             | 18.0                               |
| MKTF-01R | 2/28/2022     | ND                           | 3.60                                    | NA                        | 6918.22                     | 6921.82                                           | 6921.62                               | -0.20                                   | 18.30                   | 3.0                             | 18.0                               |
| MKTF-01R | 3/1/2022      | ND                           | 3.56                                    | NA                        | 6918.26                     | 6921.82                                           | 6921.62                               | -0.20                                   | 18.31                   | 3.0                             | 18.0                               |
| MKTF-01R | 4/27/2022     | ND                           | 3.50                                    | NA                        | 6918.32                     | 6921.82                                           | 6921.62                               | -0.20                                   | 18.31                   | 3.0                             | 18.0                               |
| MKTF-01R | 5/5/2022      | ND                           | 3.49                                    | NA                        | 6918.33                     | 6921.82                                           | 6921.62                               | -0.20                                   | 18.31                   | 3.0                             | 18.0                               |
| MKTF-01R | 6/2/2022      | 3.50                         | 3.53                                    | 0.03                      | 6918.29                     | 6921.82                                           | 6921.62                               | -0.20                                   | 18.31                   | 3.0                             | 18.0                               |
| MKTF-01R | 7/6/2022      | 3.80                         | 3.87                                    | 0.07                      | 6917.95                     | 6921.82                                           | 6921.62                               | -0.20                                   | 18.31                   | 3.0                             | 18.0                               |
| MKTF-01R | 8/8/2022      | 3.62                         | 3.65                                    | 0.03                      | 6918.17                     | 6921.82                                           | 6921.62                               | -0.20                                   | 18.31                   | 3.0                             | 18.0                               |
| MKTF-01R | 9/1/2022      | 3.62                         | 3.65                                    | 0.03                      | 6918.17                     | 6921.82                                           | 6921.62                               | -0.20                                   | 18.31                   | 3.0                             | 18.0                               |
| MKTF-01R | 10/3/2022     | 3.65                         | 3.68                                    | 0.03                      | 6918.14                     | 6921.82                                           | 6921.62                               | -0.20                                   | 18.31                   | 3.0                             | 18.0                               |
| MKTF-01R | 11/2/2022     | 3.67                         | 3.71                                    | 0.04                      | 6918.11                     | 6921.82                                           | 6921.62                               | -0.20                                   | 18.31                   | 3.0                             | 18.0                               |
| MKTF-01R | 12/6/2022     | 3.69                         | 3.75                                    | 0.06                      | 6918.07                     | 6921.82                                           | 6921.62                               | -0.20                                   | 18.31                   | 3.0                             | 18.0                               |
| MKTF-02  | 1/13/2014     | ND                           | 5.04                                    | NA                        | 6909.96                     | 6915.00                                           | 6917.45                               | 2.45                                    | 18.03                   | 7.0                             | 17.0                               |
| MKTF-02  | 2/12/2014     | ND                           | 5.03                                    | NA                        | 6909.97                     | 6915.00                                           | 6917.45                               | 2.45                                    | 18.03                   | 7.0                             | 17.0                               |
| MKTF-02  | 3/11/2014     | ND                           | 4.58                                    | NA                        | 6910.42                     | 6915.00                                           | 6917.45                               | 2.45                                    | 18.03                   | 7.0                             | 17.0                               |
| MKTF-02  | 6/6/2014      | ND                           | 5.15                                    | NA                        | 6909.85                     | 6915.00                                           | 6917.45                               | 2.45                                    | 18.03                   | 7.0                             | 17.0                               |



APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MKTF-02  | 9/15/2014     | ND                           | 5.96                                    | NA                        | 6909.04                     | 6915.00                                           | 6917.45                               | 2.45                                    | 18.03                   | 7.0                             | 17.0                               |
| MKTF-02  | 11/14/2014    | ND                           | 5.76                                    | NA                        | 6909.24                     | 6915.00                                           | 6917.45                               | 2.45                                    | 18.03                   | 7.0                             | 17.0                               |
| MKTF-02  | 3/11/2015     | ND                           | 4.43                                    | NA                        | 6910.57                     | 6915.00                                           | 6917.45                               | 2.45                                    | 18.03                   | 7.0                             | 17.0                               |
| MKTF-02  | 6/9/2015      | ND                           | 5.10                                    | NA                        | 6909.90                     | 6915.00                                           | 6917.45                               | 2.45                                    | 18.03                   | 7.0                             | 17.0                               |
| MKTF-02  | 8/21/2015     | ND                           | 4.85                                    | NA                        | 6910.15                     | 6915.00                                           | 6917.45                               | 2.45                                    | 18.03                   | 7.0                             | 17.0                               |
| MKTF-02  | 11/4/2015     | ND                           | 4.80                                    | NA                        | 6910.20                     | 6915.00                                           | 6917.45                               | 2.45                                    | 18.03                   | 7.0                             | 17.0                               |
| MKTF-02  | 2/24/2016     | ND                           | 4.77                                    | NA                        | 6910.23                     | 6915.00                                           | 6917.45                               | 2.45                                    | 18.03                   | 7.0                             | 17.0                               |
| MKTF-02  | 6/10/2016     | ND                           | 5.64                                    | NA                        | 6909.36                     | 6915.00                                           | 6917.45                               | 2.45                                    | 18.03                   | 7.0                             | 17.0                               |
| MKTF-02  | 9/7/2016      | ND                           | 5.83                                    | NA                        | 6909.17                     | 6915.00                                           | 6917.45                               | 2.45                                    | 18.03                   | 7.0                             | 17.0                               |
| MKTF-02  | 11/4/2016     | ND                           | 4.80                                    | NA                        | 6910.20                     | 6915.00                                           | 6917.45                               | 2.45                                    | 18.03                   | 7.0                             | 17.0                               |
| MKTF-02  | 3/16/2017     | ND                           | 4.89                                    | NA                        | 6910.11                     | 6915.00                                           | 6917.45                               | 2.45                                    | 18.03                   | 7.0                             | 17.0                               |
| MKTF-02  | 6/7/2017      | 4.65                         | 4.66                                    | 0.01                      | 6910.34                     | 6915.00                                           | 6917.45                               | 2.45                                    | 18.03                   | 7.0                             | 17.0                               |
| MKTF-02  | 10/3/2017     | ND                           | 4.22                                    | NA                        | 6910.78                     | 6915.00                                           | 6917.45                               | 2.45                                    | 18.03                   | 7.0                             | 17.0                               |
| MKTF-02  | 11/20/2017    | ND                           | 4.55                                    | NA                        | 6910.45                     | 6915.00                                           | 6917.45                               | 2.45                                    | 17.90                   | 7.0                             | 17.0                               |
| MKTF-02  | 2/6/2018      | ND                           | 4.99                                    | NA                        | 6910.01                     | 6915.00                                           | 6917.45                               | 2.45                                    | 17.89                   | 7.0                             | 17.0                               |
| MKTF-02  | 4/25/2018     | ND                           | 5.50                                    | NA                        | 6909.50                     | 6915.00                                           | 6917.45                               | 2.45                                    | 17.91                   | 7.0                             | 17.0                               |
| MKTF-02  | 8/15/2018     | ND                           | 5.95                                    | NA                        | 6909.05                     | 6915.00                                           | 6917.45                               | 2.45                                    | 17.98                   | 7.0                             | 17.0                               |
| MKTF-02  | 11/27/2018    | ND                           | 5.95                                    | NA                        | 6909.05                     | 6915.00                                           | 6917.45                               | 2.45                                    | 17.90                   | 7.0                             | 17.0                               |
| MKTF-02  | 3/28/2019     | ND                           | 3.89                                    | NA                        | 6911.11                     | 6915.00                                           | 6917.45                               | 2.45                                    | 18.03                   | 7.0                             | 17.0                               |
| MKTF-02  | 5/6/2019      | ND                           | 3.79                                    | NA                        | 6911.21                     | 6915.00                                           | 6917.45                               | 2.45                                    | 18.03                   | 7.0                             | 17.0                               |
| MKTF-02  | 8/23/2019     | ND                           | 4.60                                    | NA                        | 6910.40                     | 6915.00                                           | 6917.45                               | 2.45                                    | 17.98                   | 7.0                             | 17.0                               |
| MKTF-02  | 11/19/2019    | ND                           | 4.69                                    | NA                        | 6910.31                     | 6915.00                                           | 6917.45                               | 2.45                                    | 17.90                   | 7.0                             | 17.0                               |
| MKTF-02  | 2/24/2020     | ND                           | 4.07                                    | NA                        | 6910.93                     | 6915.00                                           | 6917.45                               | 2.45                                    | 18.03                   | 7.0                             | 17.0                               |
| MKTF-02  | 6/26/2020     | ND                           | 5.25                                    | NA                        | 6909.75                     | 6915.00                                           | 6917.45                               | 2.45                                    | 18.03                   | 7.0                             | 17.0                               |
| MKTF-02  | 9/15/2020     | ND                           | 5.43                                    | NA                        | 6909.57                     | 6915.00                                           | 6917.45                               | 2.45                                    | 18.09                   | 7.0                             | 17.0                               |
| MKTF-02  | 11/10/2020    | ND                           | 4.98                                    | NA                        | 6910.02                     | 6915.00                                           | 6917.45                               | 2.45                                    | 18.09                   | 7.0                             | 17.0                               |
| MKTF-02  | 12/3/2020     | ND                           | 5.27                                    | NA                        | 6909.73                     | 6915.00                                           | 6917.45                               | 2.45                                    | 18.09                   | 7.0                             | 17.0                               |
| MKTF-02  | 1/28/2021     | ND                           | 5.30                                    | NA                        | 6909.70                     | 6915.00                                           | 6917.45                               | 2.45                                    | 18.09                   | 7.0                             | 17.0                               |
| MKTF-02  | 2/28/2021     | ND                           | 4.69                                    | NA                        | 6910.31                     | 6915.00                                           | 6917.45                               | 2.45                                    | 18.09                   | 7.0                             | 17.0                               |
| MKTF-02  | 3/31/2021     | ND                           | 5.39                                    | NA                        | 6909.61                     | 6915.00                                           | 6917.45                               | 2.45                                    | 18.09                   | 7.0                             | 17.0                               |
| MKTF-02  | 4/26/2021     | ND                           | 5.33                                    | NA                        | 6909.67                     | 6915.00                                           | 6917.45                               | 2.45                                    | 18.09                   | 7.0                             | 17.0                               |
| MKTF-02  | 5/20/2021     | ND                           | 5.66                                    | NA                        | 6909.34                     | 6915.00                                           | 6917.45                               | 2.45                                    | 18.09                   | 7.0                             | 17.0                               |
| MKTF-02  | 6/1/2021      | ND                           | 5.57                                    | NA                        | 6909.43                     | 6915.00                                           | 6917.45                               | 2.45                                    | 18.09                   | 7.0                             | 17.0                               |
| MKTF-02R | 8/31/2021     | ND                           | 13.65                                   | NA                        | NA                          | 6920.46                                           | NA                                    | 2.45                                    | NA                      | 3.0                             | 18.0                               |
| MKTF-02R | 12/15/2021    | ND                           | 7.73                                    | NA                        | 6912.75                     | 6920.46                                           | 6922.93                               | 2.45                                    | NA                      | 3.0                             | 18.0                               |
| MKTF-02R | 1/10/2022     | ND                           | 7.70                                    | NA                        | 6912.78                     | 6920.46                                           | 6922.93                               | 2.45                                    | 19.04                   | 3.0                             | 18.0                               |
| MKTF-02R | 2/28/2022     | ND                           | 7.65                                    | NA                        | 6912.83                     | 6920.46                                           | 6922.93                               | 2.45                                    | 19.04                   | 3.0                             | 18.0                               |
| MKTF-02R | 3/1/2022      | ND                           | 7.75                                    | NA                        | 6912.73                     | 6920.46                                           | 6922.93                               | 2.45                                    | 19.04                   | 3.0                             | 18.0                               |
| MKTF-02R | 4/27/2022     | ND                           | 7.77                                    | NA                        | 6912.71                     | 6920.46                                           | 6922.93                               | 2.45                                    | 19.04                   | 3.0                             | 18.0                               |
| MKTF-02R | 5/5/2022      | ND                           | 7.78                                    | NA                        | 6912.70                     | 6920.46                                           | 6922.93                               | 2.45                                    | 19.04                   | 3.0                             | 18.0                               |
| MKTF-02R | 6/2/2022      | 7.72                         | 7.74                                    | 0.02                      | 6912.74                     | 6920.46                                           | 6922.93                               | 2.45                                    | 19.05                   | 3.0                             | 18.0                               |
| MKTF-02R | 7/6/2022      | 7.53                         | 7.56                                    | 0.03                      | 6912.92                     | 6920.46                                           | 6922.93                               | 2.45                                    | 19.05                   | 3.0                             | 18.0                               |
| MKTF-02R | 8/8/2022      | 7.65                         | 7.68                                    | 0.03                      | 6912.80                     | 6920.46                                           | 6922.93                               | 2.45                                    | 19.05                   | 3.0                             | 18.0                               |
| MKTF-02R | 9/1/2022      | 7.66                         | 7.68                                    | 0.02                      | 6912.80                     | 6920.46                                           | 6922.93                               | 2.45                                    | 19.05                   | 3.0                             | 18.0                               |
| MKTF-02R | 10/3/2022     | 7.67                         | 7.69                                    | 0.02                      | 6912.79                     | 6920.46                                           | 6922.93                               | 2.45                                    | 19.05                   | 3.0                             | 18.0                               |
| MKTF-02R | 11/2/2022     | 7.65                         | 7.68                                    | 0.03                      | 6912.80                     | 6920.46                                           | 6922.93                               | 2.45                                    | 19.05                   | 3.0                             | 18.0                               |
| MKTF-02R | 12/6/2022     | 7.53                         | 7.58                                    | 0.05                      | 6912.90                     | 6920.46                                           | 6922.93                               | 2.45                                    | 19.05                   | 3.0                             | 18.0                               |
| MKTF-03  | 1/15/2014     | 8.14                         | 9.44                                    | 1.30                      | 6922.29                     | 6931.73                                           | 6931.69                               | -0.04                                   | 18.49                   | 3.0                             | 18.0                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MKTF-03  | 2/13/2014     | ND                           | 8.37                                    | NA                        | 6923.36                     | 6931.73                                           | 6931.69                               | -0.04                                   | 18.49                   | 3.0                             | 18.0                               |
| MKTF-03  | 3/11/2014     | 8.19                         | 9.11                                    | 0.92                      | 6922.62                     | 6931.73                                           | 6931.69                               | -0.04                                   | 18.49                   | 3.0                             | 18.0                               |
| MKTF-03  | 6/4/2014      | 8.89                         | 9.36                                    | 0.47                      | 6922.37                     | 6931.73                                           | 6931.69                               | -0.04                                   | 18.49                   | 3.0                             | 18.0                               |
| MKTF-03  | 9/15/2014     | 9.10                         | 9.20                                    | 0.10                      | 6922.53                     | 6931.73                                           | 6931.69                               | -0.04                                   | 18.49                   | 3.0                             | 18.0                               |
| MKTF-03  | 11/13/2014    | 9.35                         | NA                                      | NA                        | NA                          | 6931.73                                           | 6931.69                               | -0.04                                   | 18.49                   | 3.0                             | 18.0                               |
| MKTF-03  | 3/17/2015     | 8.50                         | 9.30                                    | 0.80                      | 6922.43                     | 6931.73                                           | 6931.69                               | -0.04                                   | 18.49                   | 3.0                             | 18.0                               |
| MKTF-03  | 6/4/2015      | 8.74                         | 9.36                                    | 0.62                      | 6922.37                     | 6931.73                                           | 6931.69                               | -0.04                                   | 18.49                   | 3.0                             | 18.0                               |
| MKTF-03  | 8/18/2015     | 8.13                         | 8.95                                    | 0.82                      | 6922.78                     | 6931.73                                           | 6931.69                               | -0.04                                   | 18.49                   | 3.0                             | 18.0                               |
| MKTF-03  | 11/3/2015     | 8.34                         | 9.44                                    | 1.10                      | 6922.29                     | 6931.73                                           | 6931.69                               | -0.04                                   | 18.49                   | 3.0                             | 18.0                               |
| MKTF-03  | 3/17/2016     | 8.50                         | 9.30                                    | 0.80                      | 6922.43                     | 6931.73                                           | 6931.69                               | -0.04                                   | 18.49                   | 3.0                             | 18.0                               |
| MKTF-03  | 6/9/2016      | 7.59                         | 11.87                                   | 4.28                      | 6919.86                     | 6931.73                                           | 6931.69                               | -0.04                                   | 18.49                   | 3.0                             | 18.0                               |
| MKTF-03  | 9/12/2016     | 7.96                         | 10.36                                   | 2.40                      | 6921.37                     | 6931.73                                           | 6931.69                               | -0.04                                   | 18.49                   | 3.0                             | 18.0                               |
| MKTF-03  | 11/3/2016     | 8.34                         | 9.44                                    | 1.10                      | 6922.29                     | 6931.73                                           | 6931.69                               | -0.04                                   | 18.49                   | 3.0                             | 18.0                               |
| MKTF-03  | 3/2/2017      | 6.46                         | 7.63                                    | 1.17                      | 6924.10                     | 6931.73                                           | 6931.69                               | -0.04                                   | 18.49                   | 3.0                             | 18.0                               |
| MKTF-03  | 6/7/2017      | 6.99                         | 8.29                                    | 1.30                      | 6923.44                     | 6931.73                                           | 6931.69                               | -0.04                                   | 18.49                   | 3.0                             | 18.0                               |
| MKTF-03  | 9/26/2017     | 6.39                         | 7.19                                    | 0.80                      | 6924.54                     | 6931.73                                           | 6931.69                               | -0.04                                   | 18.49                   | 3.0                             | 18.0                               |
| MKTF-03  | 11/28/2017    | 7.04                         | 7.99                                    | 0.95                      | 6923.74                     | 6931.73                                           | 6931.69                               | -0.04                                   | 18.49                   | 3.0                             | 18.0                               |
| MKTF-03  | 2/8/2018      | 7.44                         | 8.29                                    | 0.85                      | 6923.44                     | 6931.73                                           | 6931.69                               | -0.04                                   | 18.49                   | 3.0                             | 18.0                               |
| MKTF-03  | 4/25/2018     | 7.34                         | 8.26                                    | 0.92                      | 6923.47                     | 6931.73                                           | 6931.69                               | -0.04                                   | 18.49                   | 3.0                             | 18.0                               |
| MKTF-03  | 8/16/2018     | 7.34                         | 8.29                                    | 0.95                      | 6923.44                     | 6931.73                                           | 6931.69                               | -0.04                                   | 18.57                   | 3.0                             | 18.0                               |
| MKTF-03  | 11/19/2018    | 6.89                         | 7.89                                    | 1.00                      | 6923.84                     | 6931.73                                           | 6931.69                               | -0.04                                   | 18.49                   | 3.0                             | 18.0                               |
| MKTF-03  | 3/25/2019     | 4.54                         | 5.64                                    | 1.10                      | 6926.09                     | 6931.73                                           | 6931.69                               | -0.04                                   | 18.49                   | 3.0                             | 18.0                               |
| MKTF-03  | 5/13/2019     | 4.59                         | 5.70                                    | 1.11                      | 6926.03                     | 6931.73                                           | 6931.69                               | -0.04                                   | 18.49                   | 3.0                             | 18.0                               |
| MKTF-03  | 8/21/2019     | 6.08                         | 7.31                                    | 1.23                      | 6924.42                     | 6931.73                                           | 6931.69                               | -0.04                                   | 18.57                   | 3.0                             | 18.0                               |
| MKTF-03  | 10/30/2019    | 6.74                         | 8.04                                    | 1.30                      | 6923.69                     | 6931.73                                           | 6931.69                               | -0.04                                   | 18.49                   | 3.0                             | 18.0                               |
| MKTF-03  | 3/5/2020      | 6.51                         | 7.88                                    | 1.37                      | 6923.85                     | 6931.73                                           | 6931.69                               | -0.04                                   | 18.49                   | 3.0                             | 18.0                               |
| MKTF-03  | 6/26/2020     | 7.40                         | 8.67                                    | 1.27                      | 6923.06                     | 6931.73                                           | 6931.69                               | -0.04                                   | 18.49                   | 3.0                             | 18.0                               |
| MKTF-03  | 9/15/2020     | 7.12                         | 7.13                                    | 0.01                      | 6924.60                     | 6931.73                                           | 6931.69                               | -0.04                                   | 18.63                   | 3.0                             | 18.0                               |
| MKTF-03  | 11/10/2020    | 7.17                         | 8.47                                    | 1.30                      | 6923.26                     | 6931.73                                           | 6931.69                               | -0.04                                   | 18.63                   | 3.0                             | 18.0                               |
| MKTF-03  | 12/3/2020     | 7.50                         | 8.66                                    | 1.16                      | 6923.07                     | 6931.73                                           | 6931.69                               | -0.04                                   | 18.62                   | 3.0                             | 18.0                               |
| MKTF-03  | 1/28/2021     | 7.84                         | 8.77                                    | 0.93                      | 6922.96                     | 6931.73                                           | 6931.69                               | -0.04                                   | 18.61                   | 3.0                             | 18.0                               |
| MKTF-03  | 2/28/2021     | 7.50                         | 8.43                                    | 0.93                      | 6923.30                     | 6931.73                                           | 6931.69                               | -0.04                                   | 18.66                   | 3.0                             | 18.0                               |
| MKTF-03  | 3/31/2021     | 7.24                         | 8.27                                    | 1.03                      | 6923.46                     | 6931.73                                           | 6931.69                               | -0.04                                   | 18.66                   | 3.0                             | 18.0                               |
| MKTF-03  | 4/26/2021     | 7.15                         | 7.95                                    | 0.80                      | 6923.78                     | 6931.73                                           | 6931.69                               | -0.04                                   | 18.66                   | 3.0                             | 18.0                               |
| MKTF-03  | 5/20/2021     | 7.32                         | 8.41                                    | 1.09                      | 6923.32                     | 6931.73                                           | 6931.69                               | -0.04                                   | 18.66                   | 3.0                             | 18.0                               |
| MKTF-03  | 6/1/2021      | 7.37                         | 8.50                                    | 1.13                      | 6923.23                     | 6931.73                                           | 6931.69                               | -0.04                                   | 18.66                   | 3.0                             | 18.0                               |
| MKTF-03  | 9/9/2021      | 7.37                         | 8.50                                    | 1.13                      | 6923.23                     | 6931.73                                           | 6931.69                               | -0.04                                   | 18.66                   | 3.0                             | 18.0                               |
| MKTF-03  | 12/3/2021     | 7.71                         | 8.97                                    | 1.26                      | 6922.76                     | 6931.73                                           | 6931.69                               | -0.04                                   | 18.66                   | 3.0                             | 18.0                               |
| MKTF-03  | 1/10/2022     | 7.04                         | 8.35                                    | 1.31                      | 6923.38                     | 6931.73                                           | 6931.69                               | -0.04                                   | 18.66                   | 3.0                             | 18.0                               |
| MKTF-03  | 2/28/2022     | 7.79                         | 9.04                                    | 1.25                      | 6922.69                     | 6931.73                                           | 6931.69                               | -0.04                                   | 18.66                   | 3.0                             | 18.0                               |
| MKTF-03  | 3/2/2022      | 7.74                         | 8.94                                    | 1.20                      | 6922.79                     | 6931.73                                           | 6931.69                               | -0.04                                   | 18.68                   | 3.0                             | 18.0                               |
| MKTF-03  | 4/27/2022     | 7.74                         | 8.94                                    | 1.20                      | 6922.79                     | 6931.73                                           | 6931.69                               | -0.04                                   | 18.66                   | 3.0                             | 18.0                               |
| MKTF-03  | 5/5/2022      | 7.72                         | 8.89                                    | 1.17                      | 6922.84                     | 6931.73                                           | 6931.69                               | -0.04                                   | 18.66                   | 3.0                             | 18.0                               |
| MKTF-03  | 6/2/2022      | 7.67                         | 7.82                                    | 0.15                      | 6923.91                     | 6931.73                                           | 6931.69                               | -0.04                                   | 18.68                   | 3.0                             | 18.0                               |
| MKTF-03  | 7/6/2022      | 8.07                         | 8.24                                    | 0.17                      | 6923.49                     | 6931.73                                           | 6931.69                               | -0.04                                   | 18.68                   | 3.0                             | 18.0                               |
| MKTF-03  | 8/8/2022      | 7.64                         | 7.81                                    | 0.17                      | 6923.92                     | 6931.73                                           | 6931.69                               | -0.04                                   | 18.68                   | 3.0                             | 18.0                               |
| MKTF-03  | 9/1/2022      | 7.72                         | 7.86                                    | 0.14                      | 6923.87                     | 6931.73                                           | 6931.69                               | -0.04                                   | 18.68                   | 3.0                             | 18.0                               |
| MKTF-03  | 10/3/2022     | 7.45                         | 10.67                                   | 3.22                      | 6921.06                     | 6931.73                                           | 6931.69                               | -0.04                                   | 18.68                   | 3.0                             | 18.0                               |



APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MKTF-03  | 11/2/2022     | 7.46                         | 10.69                                   | 3.23                      | 6921.04                     | 6931.73                                           | 6931.69                               | -0.04                                   | 18.68                   | 3.0                             | 18.0                               |
| MKTF-03  | 12/9/2022     | 8.06                         | 10.51                                   | 2.45                      | 6921.22                     | 6931.73                                           | 6931.69                               | -0.04                                   | 18.68                   | 3.0                             | 18.0                               |
| MKTF-04  | 1/15/2014     | ND                           | 10.61                                   | NA                        | 6923.29                     | 6933.90                                           | 6933.57                               | -0.33                                   | 22.48                   | 10.0                            | 22.0                               |
| MKTF-04  | 2/13/2014     | ND                           | 11.01                                   | NA                        | 6922.89                     | 6933.90                                           | 6933.57                               | -0.33                                   | 22.48                   | 10.0                            | 22.0                               |
| MKTF-04  | 3/11/2014     | ND                           | 10.53                                   | NA                        | 6923.37                     | 6933.90                                           | 6933.57                               | -0.33                                   | 22.48                   | 10.0                            | 22.0                               |
| MKTF-04  | 6/4/2014      | ND                           | 11.32                                   | NA                        | 6922.58                     | 6933.90                                           | 6933.57                               | -0.33                                   | 22.48                   | 10.0                            | 22.0                               |
| MKTF-04  | 9/15/2014     | ND                           | 11.42                                   | NA                        | 6922.48                     | 6933.90                                           | 6933.57                               | -0.33                                   | 22.48                   | 10.0                            | 22.0                               |
| MKTF-04  | 11/13/2014    | ND                           | 11.68                                   | NA                        | 6922.22                     | 6933.90                                           | 6933.57                               | -0.33                                   | 22.48                   | 10.0                            | 22.0                               |
| MKTF-04  | 3/16/2015     | ND                           | 10.58                                   | NA                        | 6923.32                     | 6933.90                                           | 6933.57                               | -0.33                                   | 22.48                   | 10.0                            | 22.0                               |
| MKTF-04  | 6/4/2015      | ND                           | 11.33                                   | NA                        | 6922.57                     | 6933.90                                           | 6933.57                               | -0.33                                   | 22.48                   | 10.0                            | 22.0                               |
| MKTF-04  | 8/18/2015     | ND                           | 10.97                                   | NA                        | 6922.93                     | 6933.90                                           | 6933.57                               | -0.33                                   | 22.48                   | 10.0                            | 22.0                               |
| MKTF-04  | 11/3/2015     | ND                           | 4.56                                    | NA                        | 6929.34                     | 6933.90                                           | 6933.57                               | -0.33                                   | 22.48                   | 10.0                            | 22.0                               |
| MKTF-04  | 2/29/2016     | ND                           | 11.01                                   | NA                        | 6922.89                     | 6933.90                                           | 6933.57                               | -0.33                                   | 22.48                   | 10.0                            | 22.0                               |
| MKTF-04  | 6/9/2016      | ND                           | 10.63                                   | NA                        | 6923.27                     | 6933.90                                           | 6933.57                               | -0.33                                   | 22.48                   | 10.0                            | 22.0                               |
| MKTF-04  | 9/11/2016     | ND                           | 10.56                                   | NA                        | 6923.34                     | 6933.90                                           | 6933.57                               | -0.33                                   | 22.48                   | 10.0                            | 22.0                               |
| MKTF-04  | 11/3/2016     | ND                           | 10.73                                   | NA                        | 6923.17                     | 6933.90                                           | 6933.57                               | -0.33                                   | 22.48                   | 10.0                            | 22.0                               |
| MKTF-04  | 3/2/2017      | ND                           | 8.64                                    | NA                        | 6925.26                     | 6933.90                                           | 6933.57                               | -0.33                                   | 22.48                   | 10.0                            | 22.0                               |
| MKTF-04  | 6/7/2017      | ND                           | 9.61                                    | NA                        | 6924.29                     | 6933.90                                           | 6933.57                               | -0.33                                   | 22.48                   | 10.0                            | 22.0                               |
| MKTF-04  | 9/26/2017     | ND                           | 9.13                                    | NA                        | 6924.77                     | 6933.90                                           | 6933.57                               | -0.33                                   | 22.48                   | 10.0                            | 22.0                               |
| MKTF-04  | 11/29/2017    | ND                           | 9.63                                    | NA                        | 6924.27                     | 6933.90                                           | 6933.57                               | -0.33                                   | 22.63                   | 10.0                            | 22.0                               |
| MKTF-04  | 2/14/2018     | ND                           | 10.18                                   | NA                        | 6923.72                     | 6933.90                                           | 6933.57                               | -0.33                                   | 22.70                   | 10.0                            | 22.0                               |
| MKTF-04  | 4/25/2018     | ND                           | 10.03                                   | NA                        | 6923.87                     | 6933.90                                           | 6933.57                               | -0.33                                   | 22.62                   | 10.0                            | 22.0                               |
| MKTF-04  | 8/16/2018     | ND                           | 10.03                                   | NA                        | 6923.87                     | 6933.90                                           | 6933.57                               | -0.33                                   | 22.72                   | 10.0                            | 22.0                               |
| MKTF-04  | 11/19/2018    | ND                           | 8.72                                    | NA                        | 6925.18                     | 6933.90                                           | 6933.57                               | -0.33                                   | 22.63                   | 10.0                            | 22.0                               |
| MKTF-04  | 3/25/2019     | ND                           | 6.78                                    | NA                        | 6927.12                     | 6933.90                                           | 6933.57                               | -0.33                                   | 22.48                   | 10.0                            | 22.0                               |
| MKTF-04  | 5/13/2019     | ND                           | 6.88                                    | NA                        | 6927.02                     | 6933.90                                           | 6933.57                               | -0.33                                   | 22.48                   | 10.0                            | 22.0                               |
| MKTF-04  | 8/21/2019     | ND                           | 8.60                                    | NA                        | 6925.30                     | 6933.90                                           | 6933.57                               | -0.33                                   | 22.72                   | 10.0                            | 22.0                               |
| MKTF-04  | 10/30/2019    | ND                           | 9.26                                    | NA                        | 6924.64                     | 6933.90                                           | 6933.57                               | -0.33                                   | 22.63                   | 10.0                            | 22.0                               |
| MKTF-04  | 3/2/2020      | ND                           | 8.80                                    | NA                        | 6925.10                     | 6933.90                                           | 6933.57                               | -0.33                                   | 22.54                   | 10.0                            | 22.0                               |
| MKTF-04  | 6/26/2020     | ND                           | 10.08                                   | NA                        | 6923.82                     | 6933.90                                           | 6933.57                               | -0.33                                   | 22.48                   | 10.0                            | 22.0                               |
| MKTF-04  | 9/15/2020     | 9.72                         | 9.73                                    | 0.01                      | 6924.17                     | 6933.90                                           | 6933.57                               | -0.33                                   | 23.05                   | 10.0                            | 22.0                               |
| MKTF-04  | 11/10/2020    | ND                           | 9.53                                    | NA                        | 6924.37                     | 6933.90                                           | 6933.57                               | -0.33                                   | 23.05                   | 10.0                            | 22.0                               |
| MKTF-04  | 12/3/2020     | 10.03                        | 10.04                                   | 0.01                      | 6923.86                     | 6933.90                                           | 6933.57                               | -0.33                                   | 23.05                   | 10.0                            | 22.0                               |
| MKTF-04  | 1/28/2021     | ND                           | 10.47                                   | NA                        | 6923.43                     | 6933.90                                           | 6933.57                               | -0.33                                   | 23.05                   | 10.0                            | 22.0                               |
| MKTF-04  | 2/28/2021     | 10.17                        | 10.29                                   | 0.12                      | 6923.61                     | 6933.90                                           | 6933.57                               | -0.33                                   | 23.05                   | 10.0                            | 22.0                               |
| MKTF-04  | 3/31/2021     | 9.54                         | 9.56                                    | 0.02                      | 6924.34                     | 6933.90                                           | 6933.57                               | -0.33                                   | 23.05                   | 10.0                            | 22.0                               |
| MKTF-04  | 4/26/2021     | 9.53                         | 9.55                                    | 0.02                      | 6924.35                     | 6933.90                                           | 6933.57                               | -0.33                                   | 23.05                   | 10.0                            | 22.0                               |
| MKTF-04  | 5/20/2021     | 9.61                         | 9.71                                    | 0.10                      | 6924.19                     | 6933.90                                           | 6933.57                               | -0.33                                   | 23.05                   | 10.0                            | 22.0                               |
| MKTF-04  | 6/1/2021      | 9.52                         | 9.55                                    | 0.03                      | 6924.35                     | 6933.90                                           | 6933.57                               | -0.33                                   | 23.05                   | 10.0                            | 22.0                               |
| MKTF-04R | 8/30/2021     | ND                           | 10.13                                   | NA                        | NA                          | 6938.49                                           | NA                                    | -0.53                                   | NA                      | 4.0                             | 19.0                               |
| MKTF-04R | 12/3/2021     | ND                           | 10.18                                   | NA                        | 6928.31                     | 6938.49                                           | 6937.96                               | -0.53                                   | NA                      | 4.0                             | 19.0                               |
| MKTF-04R | 1/10/2022     | ND                           | 10.23                                   | NA                        | 6928.26                     | 6938.49                                           | 6937.96                               | -0.53                                   | 19.73                   | 4.0                             | 19.0                               |
| MKTF-04R | 2/28/2022     | ND                           | 10.13                                   | NA                        | 6928.36                     | 6938.49                                           | 6937.96                               | -0.53                                   | 19.73                   | 4.0                             | 19.0                               |
| MKTF-04R | 3/2/2022      | ND                           | 10.24                                   | NA                        | 6928.25                     | 6938.49                                           | 6937.96                               | -0.53                                   | 19.75                   | 4.0                             | 19.0                               |
| MKTF-04R | 4/27/2022     | ND                           | 9.92                                    | NA                        | 6928.57                     | 6938.49                                           | 6937.96                               | -0.53                                   | 19.75                   | 4.0                             | 19.0                               |
| MKTF-04R | 5/5/2022      | ND                           | 10.15                                   | NA                        | 6928.34                     | 6938.49                                           | 6937.96                               | -0.53                                   | 19.75                   | 4.0                             | 19.0                               |
| MKTF-04R | 6/2/2022      | 10.17                        | 10.18                                   | 0.01                      | 6928.31                     | 6938.49                                           | 6937.96                               | -0.53                                   | 19.73                   | 4.0                             | 19.0                               |
| MKTF-04R | 7/6/2022      | 10.33                        | 10.36                                   | 0.03                      | 6928.13                     | 6938.49                                           | 6937.96                               | -0.53                                   | 19.73                   | 4.0                             | 19.0                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MKTF-04R | 8/8/2022      | 10.56                        | 10.58                                   | 0.02                      | 6927.91                     | 6938.49                                           | 6937.96                               | -0.53                                   | 19.73                   | 4.0                             | 19.0                               |
| MKTF-04R | 9/1/2022      | 10.14                        | 10.16                                   | 0.02                      | 6928.33                     | 6938.49                                           | 6937.96                               | -0.53                                   | 19.73                   | 4.0                             | 19.0                               |
| MKTF-04R | 10/3/2022     | 10.25                        | 10.28                                   | 0.03                      | 6928.21                     | 6938.49                                           | 6937.96                               | -0.53                                   | 19.73                   | 4.0                             | 19.0                               |
| MKTF-04R | 11/2/2022     | 10.23                        | 10.26                                   | 0.03                      | 6928.23                     | 6938.49                                           | 6937.96                               | -0.53                                   | 19.73                   | 4.0                             | 19.0                               |
| MKTF-04R | 12/6/2022     | 10.03                        | 10.08                                   | 0.05                      | 6928.41                     | 6938.49                                           | 6937.96                               | -0.53                                   | 19.73                   | 4.0                             | 19.0                               |
| MKTF-05  | 1/13/2014     | 12.31                        | 12.37                                   | 0.06                      | 6927.12                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.02                   | 4.0                             | 14.0                               |
| MKTF-05  | 2/13/2014     | 12.60                        | 12.64                                   | 0.04                      | 6926.85                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.02                   | 4.0                             | 14.0                               |
| MKTF-05  | 3/11/2014     | ND                           | 12.50                                   | NA                        | 6926.99                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.02                   | 4.0                             | 14.0                               |
| MKTF-05  | 6/4/2014      | 12.87                        | 12.92                                   | 0.05                      | 6926.57                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.02                   | 4.0                             | 14.0                               |
| MKTF-05  | 9/15/2014     | 12.57                        | 12.93                                   | 0.36                      | 6926.56                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.02                   | 4.0                             | 14.0                               |
| MKTF-05  | 11/13/2014    | 13.06                        | 13.44                                   | 0.38                      | 6926.05                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.02                   | 4.0                             | 14.0                               |
| MKTF-05  | 3/16/2015     | 12.99                        | 13.35                                   | 0.36                      | 6926.14                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.02                   | 4.0                             | 14.0                               |
| MKTF-05  | 6/4/2015      | 13.04                        | 13.67                                   | 0.63                      | 6925.82                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.02                   | 4.0                             | 14.0                               |
| MKTF-05  | 8/18/2015     | 12.71                        | 12.90                                   | 0.19                      | 6926.59                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.02                   | 4.0                             | 14.0                               |
| MKTF-05  | 11/3/2015     | 12.74                        | 13.58                                   | 0.84                      | 6925.91                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.02                   | 4.0                             | 14.0                               |
| MKTF-05  | 3/16/2016     | 12.99                        | 13.35                                   | 0.36                      | 6926.14                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.02                   | 4.0                             | 14.0                               |
| MKTF-05  | 6/9/2016      | 12.61                        | 13.14                                   | 0.53                      | 6926.35                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.02                   | 4.0                             | 14.0                               |
| MKTF-05  | 9/11/2016     | 12.01                        | 15.05                                   | 3.04                      | 6924.44                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.02                   | 4.0                             | 14.0                               |
| MKTF-05  | 11/3/2016     | 12.74                        | 13.58                                   | 0.84                      | 6925.91                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.02                   | 4.0                             | 14.0                               |
| MKTF-05  | 3/2/2017      | 10.60                        | 10.89                                   | 0.29                      | 6928.60                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.02                   | 4.0                             | 14.0                               |
| MKTF-05  | 6/7/2017      | 11.06                        | 11.52                                   | 0.46                      | 6927.97                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.02                   | 4.0                             | 14.0                               |
| MKTF-05  | 9/26/2017     | 10.28                        | 10.77                                   | 0.49                      | 6928.72                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.02                   | 4.0                             | 14.0                               |
| MKTF-05  | 11/28/2017    | 11.25                        | 12.02                                   | 0.77                      | 6927.47                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.02                   | 4.0                             | 14.0                               |
| MKTF-05  | 2/8/2018      | 12.05                        | 12.47                                   | 0.42                      | 6927.02                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.02                   | 4.0                             | 14.0                               |
| MKTF-05  | 4/25/2018     | 12.23                        | 12.46                                   | 0.23                      | 6927.03                     | 6939.49                                           | 6942.22                               | 2.73                                    | 14.97                   | 4.0                             | 14.0                               |
| MKTF-05  | 8/16/2018     | 11.88                        | 12.07                                   | 0.19                      | 6927.42                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.02                   | 4.0                             | 14.0                               |
| MKTF-05  | 11/19/2018    | 11.89                        | 12.10                                   | 0.21                      | 6927.39                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.02                   | 4.0                             | 14.0                               |
| MKTF-05  | 2/19/2019     | 11.14                        | 11.24                                   | 0.10                      | 6928.25                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.02                   | 4.0                             | 14.0                               |
| MKTF-05  | 5/13/2019     | 10.22                        | 10.39                                   | 0.17                      | 6929.10                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.02                   | 4.0                             | 14.0                               |
| MKTF-05  | 8/30/2019     | 10.67                        | 10.87                                   | 0.20                      | 6928.62                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.02                   | 4.0                             | 14.0                               |
| MKTF-05  | 10/30/2019    | 11.17                        | 11.47                                   | 0.30                      | 6928.02                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.02                   | 4.0                             | 14.0                               |
| MKTF-05  | 11/12/2019    | 8.91                         | 14.00                                   | 5.09                      | 6925.49                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.02                   | 4.0                             | 14.0                               |
| MKTF-05  | 11/13/2019    | 8.23                         | 14.42                                   | 6.19                      | 6925.07                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.02                   | 4.0                             | 14.0                               |
| MKTF-05  | 11/14/2019    | 8.05                         | 14.44                                   | 6.39                      | 6925.05                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.02                   | 4.0                             | 14.0                               |
| MKTF-05  | 11/15/2019    | 7.81                         | 14.43                                   | 6.62                      | 6925.06                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.02                   | 4.0                             | 14.0                               |
| MKTF-05  | 11/19/2019    | 7.31                         | 14.45                                   | 7.14                      | 6925.04                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.02                   | 4.0                             | 14.0                               |
| MKTF-05  | 11/21/2019    | 7.24                         | 14.45                                   | 7.21                      | 6925.04                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.02                   | 4.0                             | 14.0                               |
| MKTF-05  | 12/2/2019     | 7.91                         | 14.44                                   | 6.53                      | 6925.05                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.02                   | 4.0                             | 14.0                               |
| MKTF-05  | 3/5/2020      | 10.85                        | 10.99                                   | 0.14                      | 6928.50                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.02                   | 4.0                             | 14.0                               |
| MKTF-05  | 6/25/2020     | 11.33                        | 12.07                                   | 0.74                      | 6927.42                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.02                   | 4.0                             | 14.0                               |
| MKTF-05  | 9/15/2020     | 10.92                        | 11.95                                   | 1.03                      | 6927.54                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.10                   | 4.0                             | 14.0                               |
| MKTF-05  | 11/10/2020    | 11.29                        | 12.17                                   | 0.88                      | 6927.32                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.10                   | 4.0                             | 14.0                               |
| MKTF-05  | 12/3/2020     | 11.39                        | 12.20                                   | 0.81                      | 6927.29                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.07                   | 4.0                             | 14.0                               |
| MKTF-05  | 1/28/2021     | 12.21                        | 12.40                                   | 0.19                      | 6927.09                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.07                   | 4.0                             | 14.0                               |
| MKTF-05  | 2/28/2021     | 11.87                        | 12.02                                   | 0.15                      | 6927.47                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.04                   | 4.0                             | 14.0                               |
| MKTF-05  | 3/31/2021     | 12.26                        | 12.32                                   | 0.06                      | 6927.17                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.04                   | 4.0                             | 14.0                               |
| MKTF-05  | 4/26/2021     | 12.30                        | 12.44                                   | 0.14                      | 6927.05                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.04                   | 4.0                             | 14.0                               |
| MKTF-05  | 5/20/2021     | 12.29                        | 12.36                                   | 0.07                      | 6927.13                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.04                   | 4.0                             | 14.0                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MKTF-05  | 6/1/2021      | 12.15                        | 12.23                                   | 0.08                      | 6927.26                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.04                   | 4.0                             | 14.0                               |
| MKTF-05  | 9/7/2021      | 11.54                        | 12.61                                   | 1.07                      | 6926.88                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.04                   | 4.0                             | 14.0                               |
| MKTF-05  | 12/3/2021     | 11.77                        | 12.37                                   | 0.60                      | 6927.12                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.04                   | 4.0                             | 14.0                               |
| MKTF-05  | 1/10/2022     | 11.37                        | 11.58                                   | 0.21                      | 6927.91                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.04                   | 4.0                             | 14.0                               |
| MKTF-05  | 2/28/2022     | 11.77                        | 12.37                                   | 0.60                      | 6927.12                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.04                   | 4.0                             | 14.0                               |
| MKTF-05  | 3/2/2022      | 11.71                        | 12.35                                   | 0.64                      | 6927.14                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.02                   | 4.0                             | 14.0                               |
| MKTF-05  | 4/27/2022     | 12.63                        | 12.71                                   | 0.08                      | 6926.78                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.02                   | 4.0                             | 14.0                               |
| MKTF-05  | 5/3/2022      | 12.67                        | 12.72                                   | 0.05                      | 6926.77                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.02                   | 4.0                             | 14.0                               |
| MKTF-05  | 6/2/2022      | 13.05                        | 13.13                                   | 0.08                      | 6926.36                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.02                   | 4.0                             | 14.0                               |
| MKTF-05  | 7/6/2022      | 11.95                        | 12.10                                   | 0.15                      | 6927.39                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.02                   | 4.0                             | 14.0                               |
| MKTF-05  | 8/8/2022      | 11.15                        | 12.63                                   | 1.48                      | 6926.86                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.02                   | 4.0                             | 14.0                               |
| MKTF-05  | 9/1/2022      | 11.64                        | 13.33                                   | 1.69                      | 6926.16                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.02                   | 4.0                             | 14.0                               |
| MKTF-05  | 10/3/2022     | 11.64                        | 12.90                                   | 1.26                      | 6926.59                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.02                   | 4.0                             | 14.0                               |
| MKTF-05  | 11/2/2022     | 11.67                        | 12.87                                   | 1.20                      | 6926.62                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.02                   | 4.0                             | 14.0                               |
| MKTF-05  | 12/9/2022     | 12.50                        | 13.03                                   | 0.53                      | 6926.46                     | 6939.49                                           | 6942.22                               | 2.73                                    | 15.02                   | 4.0                             | 14.0                               |
| MKTF-06  | 1/13/2014     | 15.57                        | 15.74                                   | 0.17                      | 6928.50                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.20                   | 10.0                            | 20.0                               |
| MKTF-06  | 2/13/2014     | 15.77                        | 16.20                                   | 0.43                      | 6928.04                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.20                   | 10.0                            | 20.0                               |
| MKTF-06  | 3/11/2014     | 15.63                        | 16.38                                   | 0.75                      | 6927.86                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.20                   | 10.0                            | 20.0                               |
| MKTF-06  | 6/6/2014      | NA                           | 11.43                                   | NA                        | 6932.81                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.20                   | 10.0                            | 20.0                               |
| MKTF-06  | 9/15/2014     | 15.58                        | 16.33                                   | 0.75                      | 6927.91                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.20                   | 10.0                            | 20.0                               |
| MKTF-06  | 11/14/2014    | 16.01                        | NA                                      | NA                        | NA                          | 6944.24                                           | 6946.81                               | 2.57                                    | 21.20                   | 10.0                            | 20.0                               |
| MKTF-06  | 3/16/2015     | 15.67                        | 17.37                                   | 1.70                      | 6926.87                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.20                   | 10.0                            | 20.0                               |
| MKTF-06  | 6/4/2015      | 15.99                        | 16.83                                   | 0.84                      | 6927.41                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.20                   | 10.0                            | 20.0                               |
| MKTF-06  | 8/15/2015     | 14.96                        | 15.82                                   | 0.86                      | 6928.42                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.20                   | 10.0                            | 20.0                               |
| MKTF-06  | 11/3/2015     | 15.47                        | 16.21                                   | 0.74                      | 6928.03                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.20                   | 10.0                            | 20.0                               |
| MKTF-06  | 3/16/2016     | 15.67                        | 17.37                                   | 1.70                      | 6926.87                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.20                   | 10.0                            | 20.0                               |
| MKTF-06  | 6/9/2016      | 15.45                        | 16.39                                   | 0.94                      | 6927.85                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.20                   | 10.0                            | 20.0                               |
| MKTF-06  | 9/11/2016     | 14.83                        | 15.91                                   | 1.08                      | 6928.33                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.20                   | 10.0                            | 20.0                               |
| MKTF-06  | 11/3/2016     | 15.47                        | 16.21                                   | 0.74                      | 6928.03                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.20                   | 10.0                            | 20.0                               |
| MKTF-06  | 3/15/2017     | 13.38                        | 13.48                                   | 0.10                      | 6930.76                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.20                   | 10.0                            | 20.0                               |
| MKTF-06  | 6/12/2017     | 14.03                        | 14.67                                   | 0.64                      | 6929.57                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.20                   | 10.0                            | 20.0                               |
| MKTF-06  | 9/26/2017     | 13.44                        | 14.15                                   | 0.71                      | 6930.09                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.20                   | 10.0                            | 20.0                               |
| MKTF-06  | 11/28/2017    | 13.98                        | 15.13                                   | 1.15                      | 6929.11                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.20                   | 10.0                            | 20.0                               |
| MKTF-06  | 2/8/2018      | 14.57                        | 15.95                                   | 1.38                      | 6928.29                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.20                   | 10.0                            | 20.0                               |
| MKTF-06  | 4/25/2018     | 14.72                        | 16.04                                   | 1.32                      | 6928.20                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.15                   | 10.0                            | 20.0                               |
| MKTF-06  | 8/16/2018     | 14.26                        | 15.43                                   | 1.17                      | 6928.81                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.22                   | 10.0                            | 20.0                               |
| MKTF-06  | 11/19/2018    | 14.28                        | 15.44                                   | 1.16                      | 6928.80                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.20                   | 10.0                            | 20.0                               |
| MKTF-06  | 2/19/2019     | 13.22                        | 13.98                                   | 0.76                      | 6930.26                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.20                   | 10.0                            | 20.0                               |
| MKTF-06  | 5/13/2019     | 12.98                        | 13.82                                   | 0.84                      | 6930.42                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.20                   | 10.0                            | 20.0                               |
| MKTF-06  | 8/30/2019     | 13.25                        | 14.03                                   | 0.78                      | 6930.21                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.22                   | 10.0                            | 20.0                               |
| MKTF-06  | 10/30/2019    | 14.23                        | 15.34                                   | 1.11                      | 6928.90                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.20                   | 10.0                            | 20.0                               |
| MKTF-06  | 11/12/2019    | 13.95                        | 14.91                                   | 0.96                      | 6929.33                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.20                   | 10.0                            | 20.0                               |
| MKTF-06  | 11/13/2019    | 13.76                        | 14.61                                   | 0.85                      | 6929.63                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.20                   | 10.0                            | 20.0                               |
| MKTF-06  | 11/14/2019    | 13.85                        | 14.74                                   | 0.89                      | 6929.50                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.20                   | 10.0                            | 20.0                               |
| MKTF-06  | 11/15/2019    | 13.78                        | 14.63                                   | 0.85                      | 6929.61                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.20                   | 10.0                            | 20.0                               |
| MKTF-06  | 11/19/2019    | 13.51                        | 14.26                                   | 0.75                      | 6929.98                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.20                   | 10.0                            | 20.0                               |
| MKTF-06  | 11/21/2019    | 13.36                        | 14.67                                   | 1.31                      | 6929.57                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.20                   | 10.0                            | 20.0                               |
| MKTF-06  | 12/2/2019     | 12.18                        | 18.79                                   | 6.61                      | 6925.45                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.20                   | 10.0                            | 20.0                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MKTF-06  | 3/5/2020      | 14.32                        | 16.03                                   | 1.71                      | 6928.21                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.20                   | 10.0                            | 20.0                               |
| MKTF-06  | 6/25/2020     | 11.48                        | 16.33                                   | 4.85                      | 6927.91                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.20                   | 10.0                            | 20.0                               |
| MKTF-06  | 9/15/2020     | 14.21                        | 16.14                                   | 1.93                      | 6928.10                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.22                   | 10.0                            | 20.0                               |
| MKTF-06  | 11/10/2020    | 14.63                        | 16.02                                   | 1.39                      | 6928.22                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.22                   | 10.0                            | 20.0                               |
| MKTF-06  | 12/3/2020     | 14.81                        | 15.92                                   | 1.11                      | 6928.32                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.22                   | 10.0                            | 20.0                               |
| MKTF-06  | 1/28/2021     | 15.52                        | 17.08                                   | 1.56                      | 6927.16                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.22                   | 10.0                            | 20.0                               |
| MKTF-06  | 2/28/2021     | 15.36                        | 16.08                                   | 0.72                      | 6928.16                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.28                   | 10.0                            | 20.0                               |
| MKTF-06  | 3/31/2021     | 15.40                        | 15.58                                   | 0.18                      | 6928.66                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.28                   | 10.0                            | 20.0                               |
| MKTF-06  | 4/26/2021     | 15.31                        | 15.38                                   | 0.07                      | 6928.86                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.28                   | 10.0                            | 20.0                               |
| MKTF-06  | 5/20/2021     | 15.44                        | 15.56                                   | 0.12                      | 6928.68                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.28                   | 10.0                            | 20.0                               |
| MKTF-06  | 6/1/2021      | 15.52                        | 15.68                                   | 0.16                      | 6928.56                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.28                   | 10.0                            | 20.0                               |
| MKTF-06  | 9/7/2021      | 15.41                        | 16.09                                   | 0.68                      | 6928.15                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.28                   | 10.0                            | 20.0                               |
| MKTF-06  | 12/3/2021     | 15.44                        | 16.39                                   | 0.95                      | 6927.85                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.28                   | 10.0                            | 20.0                               |
| MKTF-06  | 1/10/2022     | 14.93                        | 14.96                                   | 0.03                      | 6929.28                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.28                   | 10.0                            | 20.0                               |
| MKTF-06  | 2/28/2022     | 15.18                        | 15.87                                   | 0.69                      | 6928.37                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.28                   | 10.0                            | 20.0                               |
| MKTF-06  | 3/2/2022      | 15.43                        | 16.38                                   | 0.95                      | 6927.86                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.28                   | 10.0                            | 20.0                               |
| MKTF-06  | 4/27/2022     | 15.96                        | 17.18                                   | 1.22                      | 6927.06                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.28                   | 10.0                            | 20.0                               |
| MKTF-06  | 5/3/2022      | 16.06                        | 17.32                                   | 1.26                      | 6926.92                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.28                   | 10.0                            | 20.0                               |
| MKTF-06  | 6/2/2022      | 16.23                        | 17.53                                   | 1.30                      | 6926.71                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.29                   | 10.0                            | 20.0                               |
| MKTF-06  | 7/6/2022      | 14.63                        | 16.48                                   | 1.85                      | 6927.76                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.29                   | 10.0                            | 20.0                               |
| MKTF-06  | 8/8/2022      | 14.87                        | 16.69                                   | 1.82                      | 6927.55                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.30                   | 10.0                            | 20.0                               |
| MKTF-06  | 9/1/2022      | 15.93                        | 17.16                                   | 1.23                      | 6927.08                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.30                   | 10.0                            | 20.0                               |
| MKTF-06  | 10/3/2022     | 15.97                        | 17.24                                   | 1.27                      | 6927.00                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.30                   | 10.0                            | 20.0                               |
| MKTF-06  | 11/2/2022     | 15.99                        | 17.26                                   | 1.27                      | 6926.98                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.30                   | 10.0                            | 20.0                               |
| MKTF-06  | 12/6/2022     | 14.98                        | 16.31                                   | 1.33                      | 6927.93                     | 6944.24                                           | 6946.81                               | 2.57                                    | 21.30                   | 10.0                            | 20.0                               |
| MKTF-07  | 1/13/2014     | 9.13                         | 10.23                                   | 1.10                      | 6934.17                     | 6944.40                                           | 6947.18                               | 2.78                                    | 14.84                   | 4.0                             | 14.0                               |
| MKTF-07  | 2/13/2014     | 9.10                         | 10.22                                   | 1.12                      | 6934.18                     | 6944.40                                           | 6947.18                               | 2.78                                    | 14.84                   | 4.0                             | 14.0                               |
| MKTF-07  | 3/11/2014     | 8.92                         | 10.07                                   | 1.15                      | 6934.33                     | 6944.40                                           | 6947.18                               | 2.78                                    | 14.84                   | 4.0                             | 14.0                               |
| MKTF-07  | 6/6/2014      | NA                           | 10.32                                   | NA                        | 6934.08                     | 6944.40                                           | 6947.18                               | 2.78                                    | 14.84                   | 4.0                             | 14.0                               |
| MKTF-07  | 9/15/2014     | 9.22                         | 10.82                                   | 1.60                      | 6933.58                     | 6944.40                                           | 6947.18                               | 2.78                                    | 14.84                   | 4.0                             | 14.0                               |
| MKTF-07  | 11/14/2014    | 10.54                        | NA                                      | NA                        | NA                          | 6944.40                                           | 6947.18                               | 2.78                                    | 14.84                   | 4.0                             | 14.0                               |
| MKTF-07  | 3/16/2015     | 10.32                        | 11.45                                   | 1.13                      | 6932.95                     | 6944.40                                           | 6947.18                               | 2.78                                    | 14.84                   | 4.0                             | 14.0                               |
| MKTF-07  | 6/4/2015      | 10.17                        | 11.82                                   | 1.65                      | 6932.58                     | 6944.40                                           | 6947.18                               | 2.78                                    | 14.84                   | 4.0                             | 14.0                               |
| MKTF-07  | 8/18/2015     | 9.93                         | 11.06                                   | 1.13                      | 6933.34                     | 6944.40                                           | 6947.18                               | 2.78                                    | 14.84                   | 4.0                             | 14.0                               |
| MKTF-07  | 11/3/2015     | 10.12                        | 12.10                                   | 1.98                      | 6932.30                     | 6944.40                                           | 6947.18                               | 2.78                                    | 14.84                   | 4.0                             | 14.0                               |
| MKTF-07  | 3/16/2016     | 10.32                        | 11.45                                   | 1.13                      | 6932.95                     | 6944.40                                           | 6947.18                               | 2.78                                    | 14.84                   | 4.0                             | 14.0                               |
| MKTF-07  | 6/9/2016      | 9.23                         | 11.82                                   | 2.59                      | 6932.58                     | 6944.40                                           | 6947.18                               | 2.78                                    | 14.84                   | 4.0                             | 14.0                               |
| MKTF-07  | 9/11/2016     | 9.42                         | 11.83                                   | 2.41                      | 6932.57                     | 6944.40                                           | 6947.18                               | 2.78                                    | 14.84                   | 4.0                             | 14.0                               |
| MKTF-07  | 11/3/2016     | 10.12                        | 12.10                                   | 1.98                      | 6932.30                     | 6944.40                                           | 6947.18                               | 2.78                                    | 14.84                   | 4.0                             | 14.0                               |
| MKTF-07  | 3/15/2017     | 7.85                         | 9.82                                    | 1.97                      | 6934.58                     | 6944.40                                           | 6947.18                               | 2.78                                    | 14.84                   | 4.0                             | 14.0                               |
| MKTF-07  | 6/12/2017     | 7.42                         | 8.72                                    | 1.30                      | 6935.68                     | 6944.40                                           | 6947.18                               | 2.78                                    | 14.84                   | 4.0                             | 14.0                               |
| MKTF-07  | 9/26/2017     | 7.02                         | 8.32                                    | 1.30                      | 6936.08                     | 6944.40                                           | 6947.18                               | 2.78                                    | 14.84                   | 4.0                             | 14.0                               |
| MKTF-07  | 11/28/2017    | 7.62                         | 9.02                                    | 1.40                      | 6935.38                     | 6944.40                                           | 6947.18                               | 2.78                                    | 14.84                   | 4.0                             | 14.0                               |
| MKTF-07  | 2/8/2018      | 8.55                         | 9.77                                    | 1.22                      | 6934.63                     | 6944.40                                           | 6947.18                               | 2.78                                    | 14.84                   | 4.0                             | 14.0                               |
| MKTF-07  | 4/25/2018     | 8.06                         | 9.24                                    | 1.18                      | 6935.16                     | 6944.40                                           | 6947.18                               | 2.78                                    | 14.80                   | 4.0                             | 14.0                               |
| MKTF-07  | 8/16/2018     | 8.64                         | 9.72                                    | 1.08                      | 6934.68                     | 6944.40                                           | 6947.18                               | 2.78                                    | 14.69                   | 4.0                             | 14.0                               |
| MKTF-07  | 11/27/2018    | 9.57                         | 10.74                                   | 1.17                      | 6933.66                     | 6944.40                                           | 6947.18                               | 2.78                                    | 14.84                   | 4.0                             | 14.0                               |
| MKTF-07  | 2/19/2019     | 7.61                         | 8.82                                    | 1.21                      | 6935.58                     | 6944.40                                           | 6947.18                               | 2.78                                    | 14.84                   | 4.0                             | 14.0                               |



APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MKTF-07  | 5/13/2019     | 7.94                         | 8.04                                    | 0.10                      | 6936.36                     | 6944.40                                           | 6947.18                               | 2.78                                    | 14.84                   | 4.0                             | 14.0                               |
| MKTF-07  | 8/30/2019     | 8.40                         | 9.51                                    | 1.11                      | 6934.89                     | 6944.40                                           | 6947.18                               | 2.78                                    | 14.69                   | 4.0                             | 14.0                               |
| MKTF-07  | 10/30/2019    | 9.42                         | 10.61                                   | 1.19                      | 6933.79                     | 6944.40                                           | 6947.18                               | 2.78                                    | 14.84                   | 4.0                             | 14.0                               |
| MKTF-07  | 11/12/2019    | 9.25                         | 10.41                                   | 1.16                      | 6933.99                     | 6944.40                                           | 6947.18                               | 2.78                                    | 14.84                   | 4.0                             | 14.0                               |
| MKTF-07  | 11/13/2019    | 9.03                         | 10.11                                   | 1.08                      | 6934.29                     | 6944.40                                           | 6947.18                               | 2.78                                    | 14.84                   | 4.0                             | 14.0                               |
| MKTF-07  | 11/14/2019    | 9.20                         | 10.36                                   | 1.16                      | 6934.04                     | 6944.40                                           | 6947.18                               | 2.78                                    | 14.84                   | 4.0                             | 14.0                               |
| MKTF-07  | 11/15/2019    | 9.22                         | 10.38                                   | 1.16                      | 6934.02                     | 6944.40                                           | 6947.18                               | 2.78                                    | 14.84                   | 4.0                             | 14.0                               |
| MKTF-07  | 11/19/2019    | 8.62                         | 11.39                                   | 2.77                      | 6933.01                     | 6944.40                                           | 6947.18                               | 2.78                                    | 14.84                   | 4.0                             | 14.0                               |
| MKTF-07  | 11/21/2019    | 8.05                         | 13.77                                   | 5.72                      | 6930.63                     | 6944.40                                           | 6947.18                               | 2.78                                    | 14.84                   | 4.0                             | 14.0                               |
| MKTF-07  | 12/2/2019     | 8.60                         | 14.34                                   | 5.74                      | 6930.06                     | 6944.40                                           | 6947.18                               | 2.78                                    | 14.84                   | 4.0                             | 14.0                               |
| MKTF-07  | 3/5/2020      | 9.72                         | 10.94                                   | 1.22                      | 6933.46                     | 6944.40                                           | 6947.18                               | 2.78                                    | 14.84                   | 4.0                             | 14.0                               |
| MKTF-07  | 6/25/2020     | 9.45                         | 10.98                                   | 1.53                      | 6933.42                     | 6944.40                                           | 6947.18                               | 2.78                                    | 14.84                   | 4.0                             | 14.0                               |
| MKTF-07  | 9/18/2020     | 8.64                         | 10.99                                   | 2.35                      | 6933.41                     | 6944.40                                           | 6947.18                               | 2.78                                    | 14.65                   | 4.0                             | 14.0                               |
| MKTF-07  | 11/10/2020    | 9.78                         | 10.98                                   | 1.20                      | 6933.42                     | 6944.40                                           | 6947.18                               | 2.78                                    | 14.65                   | 4.0                             | 14.0                               |
| MKTF-07  | 12/3/2020     | 10.15                        | 11.02                                   | 0.87                      | 6933.38                     | 6944.40                                           | 6947.18                               | 2.78                                    | 14.88                   | 4.0                             | 14.0                               |
| MKTF-07  | 1/28/2021     | 11.02                        | 11.42                                   | 0.40                      | 6932.98                     | 6944.40                                           | 6947.18                               | 2.78                                    | 14.88                   | 4.0                             | 14.0                               |
| MKTF-07  | 2/28/2021     | 10.73                        | 10.94                                   | 0.21                      | 6933.46                     | 6944.40                                           | 6947.18                               | 2.78                                    | 15.08                   | 4.0                             | 14.0                               |
| MKTF-07  | 3/31/2021     | 10.92                        | 11.03                                   | 0.11                      | 6933.37                     | 6944.40                                           | 6947.18                               | 2.78                                    | 15.08                   | 4.0                             | 14.0                               |
| MKTF-07  | 4/26/2021     | 10.73                        | 10.98                                   | 0.25                      | 6933.42                     | 6944.40                                           | 6947.18                               | 2.78                                    | 15.08                   | 4.0                             | 14.0                               |
| MKTF-07  | 5/20/2021     | 10.90                        | 11.03                                   | 0.13                      | 6933.37                     | 6944.40                                           | 6947.18                               | 2.78                                    | 15.08                   | 4.0                             | 14.0                               |
| MKTF-07  | 6/1/2021      | 10.74                        | 10.85                                   | 0.11                      | 6933.55                     | 6944.40                                           | 6947.18                               | 2.78                                    | 15.08                   | 4.0                             | 14.0                               |
| MKTF-07  | 9/7/2021      | 10.48                        | 10.90                                   | 0.42                      | 6933.50                     | 6944.40                                           | 6947.18                               | 2.78                                    | 15.08                   | 4.0                             | 14.0                               |
| MKTF-07  | 12/3/2021     | 11.11                        | 11.25                                   | 0.14                      | 6933.15                     | 6944.40                                           | 6947.18                               | 2.78                                    | 15.08                   | 4.0                             | 14.0                               |
| MKTF-07  | 1/10/2022     | 11.69                        | 11.73                                   | 0.04                      | 6932.67                     | 6944.40                                           | 6947.18                               | 2.78                                    | 15.08                   | 4.0                             | 14.0                               |
| MKTF-07  | 2/28/2022     | ND                           | 11.33                                   | NA                        | 6933.07                     | 6944.40                                           | 6947.18                               | 2.78                                    | 15.08                   | 4.0                             | 14.0                               |
| MKTF-07  | 3/2/2022      | 11.14                        | 11.22                                   | 0.08                      | 6933.18                     | 6944.40                                           | 6947.18                               | 2.78                                    | 15.07                   | 4.0                             | 14.0                               |
| MKTF-07  | 4/27/2022     | 12.05                        | 12.08                                   | 0.03                      | 6932.32                     | 6944.40                                           | 6947.18                               | 2.78                                    | 15.08                   | 4.0                             | 14.0                               |
| MKTF-07  | 5/3/2022      | 12.12                        | 12.15                                   | 0.03                      | 6932.25                     | 6944.40                                           | 6947.18                               | 2.78                                    | 15.08                   | 4.0                             | 14.0                               |
| MKTF-07  | 6/2/2022      | 12.34                        | 12.37                                   | 0.03                      | 6932.03                     | 6944.40                                           | 6947.18                               | 2.78                                    | 15.07                   | 4.0                             | 14.0                               |
| MKTF-07  | 7/6/2022      | 12.30                        | 12.33                                   | 0.03                      | 6932.07                     | 6944.40                                           | 6947.18                               | 2.78                                    | 15.07                   | 4.0                             | 14.0                               |
| MKTF-07  | 8/8/2022      | 12.02                        | 12.07                                   | 0.05                      | 6932.33                     | 6944.40                                           | 6947.18                               | 2.78                                    | 15.07                   | 4.0                             | 14.0                               |
| MKTF-07  | 9/1/2022      | 11.98                        | 12.10                                   | 0.12                      | 6932.30                     | 6944.40                                           | 6947.18                               | 2.78                                    | 15.07                   | 4.0                             | 14.0                               |
| MKTF-07  | 10/3/2022     | 11.92                        | 12.47                                   | 0.55                      | 6931.93                     | 6944.40                                           | 6947.18                               | 2.78                                    | 15.07                   | 4.0                             | 14.0                               |
| MKTF-07  | 11/2/2022     | 11.97                        | 12.43                                   | 0.46                      | 6931.97                     | 6944.40                                           | 6947.18                               | 2.78                                    | 15.07                   | 4.0                             | 14.0                               |
| MKTF-07  | 12/9/2022     | 12.28                        | 12.63                                   | 0.35                      | 6931.77                     | 6944.40                                           | 6947.18                               | 2.78                                    | 15.07                   | 4.0                             | 14.0                               |
| MKTF-08  | 1/13/2014     | 11.13                        | 11.55                                   | 0.42                      | 6932.47                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.91                   | 8.0                             | 18.0                               |
| MKTF-08  | 2/13/2014     | 11.18                        | 11.62                                   | 0.44                      | 6932.40                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.91                   | 8.0                             | 18.0                               |
| MKTF-08  | 3/11/2014     | 11.14                        | 11.58                                   | 0.44                      | 6932.44                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.91                   | 8.0                             | 18.0                               |
| MKTF-08  | 6/6/2014      | 11.23                        | 11.93                                   | 0.70                      | 6932.09                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.91                   | 8.0                             | 18.0                               |
| MKTF-08  | 9/15/2014     | 11.29                        | 11.98                                   | 0.69                      | 6932.04                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.91                   | 8.0                             | 18.0                               |
| MKTF-08  | 11/14/2014    | 11.81                        | NA                                      | NA                        | NA                          | 6944.02                                           | 6947.09                               | 3.07                                    | 18.91                   | 8.0                             | 18.0                               |
| MKTF-08  | 3/16/2015     | 11.18                        | 11.43                                   | 0.25                      | 6932.59                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.91                   | 8.0                             | 18.0                               |
| MKTF-08  | 6/4/2015      | 11.28                        | 11.84                                   | 0.56                      | 6932.18                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.91                   | 8.0                             | 18.0                               |
| MKTF-08  | 8/18/2015     | 10.72                        | 11.68                                   | 0.96                      | 6932.34                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.91                   | 8.0                             | 18.0                               |
| MKTF-08  | 11/8/2015     | 10.77                        | 12.25                                   | 1.48                      | 6931.77                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.91                   | 8.0                             | 18.0                               |
| MKTF-08  | 3/16/2016     | 11.18                        | 11.43                                   | 0.25                      | 6932.59                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.91                   | 8.0                             | 18.0                               |
| MKTF-08  | 6/9/2016      | 10.41                        | 11.11                                   | 0.70                      | 6932.91                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.91                   | 8.0                             | 18.0                               |
| MKTF-08  | 9/11/2016     | 10.56                        | 11.22                                   | 0.66                      | 6932.80                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.91                   | 8.0                             | 18.0                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MKTF-08  | 11/8/2016     | 10.77                        | 12.25                                   | 1.48                      | 6931.77                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.91                   | 8.0                             | 18.0                               |
| MKTF-08  | 3/15/2017     | 8.92                         | 9.53                                    | 0.61                      | 6934.49                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.91                   | 8.0                             | 18.0                               |
| MKTF-08  | 6/12/2017     | 8.91                         | 9.33                                    | 0.42                      | 6934.69                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.91                   | 8.0                             | 18.0                               |
| MKTF-08  | 9/26/2017     | 9.08                         | 9.53                                    | 0.45                      | 6934.49                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.91                   | 8.0                             | 18.0                               |
| MKTF-08  | 11/28/2017    | 9.61                         | 10.13                                   | 0.52                      | 6933.89                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.91                   | 8.0                             | 18.0                               |
| MKTF-08  | 2/8/2018      | 10.22                        | 10.56                                   | 0.34                      | 6933.46                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.91                   | 8.0                             | 18.0                               |
| MKTF-08  | 4/25/2018     | 9.93                         | 10.26                                   | 0.33                      | 6933.76                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.87                   | 8.0                             | 18.0                               |
| MKTF-08  | 8/16/2018     | 9.89                         | 10.28                                   | 0.39                      | 6933.74                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.91                   | 8.0                             | 18.0                               |
| MKTF-08  | 11/27/2018    | 10.34                        | 10.73                                   | 0.39                      | 6933.29                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.91                   | 8.0                             | 18.0                               |
| MKTF-08  | 2/19/2019     | 8.28                         | 8.93                                    | 0.65                      | 6935.09                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.91                   | 8.0                             | 18.0                               |
| MKTF-08  | 5/13/2019     | 8.88                         | 9.36                                    | 0.48                      | 6934.66                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.91                   | 8.0                             | 18.0                               |
| MKTF-08  | 8/30/2019     | 9.43                         | 9.83                                    | 0.40                      | 6934.19                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.91                   | 8.0                             | 18.0                               |
| MKTF-08  | 10/30/2019    | 10.47                        | 10.92                                   | 0.45                      | 6933.10                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.91                   | 8.0                             | 18.0                               |
| MKTF-08  | 11/21/2019    | 10.40                        | 10.78                                   | 0.38                      | 6933.24                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.91                   | 8.0                             | 18.0                               |
| MKTF-08  | 12/2/2019     | 10.65                        | 11.06                                   | 0.41                      | 6932.96                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.91                   | 8.0                             | 18.0                               |
| MKTF-08  | 3/5/2020      | 10.96                        | 11.30                                   | 0.34                      | 6932.72                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.91                   | 8.0                             | 18.0                               |
| MKTF-08  | 6/25/2020     | 10.93                        | 11.33                                   | 0.40                      | 6932.69                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.91                   | 8.0                             | 18.0                               |
| MKTF-08  | 9/18/2020     | 10.69                        | 11.08                                   | 0.39                      | 6932.94                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.93                   | 8.0                             | 18.0                               |
| MKTF-08  | 11/10/2020    | 11.16                        | 11.62                                   | 0.46                      | 6932.40                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.93                   | 8.0                             | 18.0                               |
| MKTF-08  | 12/3/2020     | 11.29                        | 11.69                                   | 0.40                      | 6932.33                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.94                   | 8.0                             | 18.0                               |
| MKTF-08  | 1/28/2021     | 11.77                        | 12.08                                   | 0.31                      | 6931.94                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.94                   | 8.0                             | 18.0                               |
| MKTF-08  | 2/28/2021     | 11.69                        | 11.82                                   | 0.13                      | 6932.20                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.93                   | 8.0                             | 18.0                               |
| MKTF-08  | 3/31/2021     | 11.53                        | 11.63                                   | 0.10                      | 6932.39                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.93                   | 8.0                             | 18.0                               |
| MKTF-08  | 4/26/2021     | 11.57                        | 11.68                                   | 0.11                      | 6932.34                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.93                   | 8.0                             | 18.0                               |
| MKTF-08  | 5/20/2021     | 11.56                        | 11.64                                   | 0.08                      | 6932.38                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.93                   | 8.0                             | 18.0                               |
| MKTF-08  | 6/1/2021      | 11.64                        | 11.72                                   | 0.08                      | 6932.30                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.93                   | 8.0                             | 18.0                               |
| MKTF-08  | 9/7/2021      | 11.70                        | 11.92                                   | 0.22                      | 6932.10                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.93                   | 8.0                             | 18.0                               |
| MKTF-08  | 12/3/2021     | 11.96                        | 12.30                                   | 0.34                      | 6931.72                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.93                   | 8.0                             | 18.0                               |
| MKTF-08  | 1/10/2022     | 12.13                        | 12.28                                   | 0.15                      | 6931.74                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.93                   | 8.0                             | 18.0                               |
| MKTF-08  | 2/28/2022     | 11.68                        | 11.73                                   | 0.05                      | 6932.29                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.93                   | 8.0                             | 18.0                               |
| MKTF-08  | 3/2/2022      | 11.93                        | 12.26                                   | 0.33                      | 6931.76                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.93                   | 8.0                             | 18.0                               |
| MKTF-08  | 4/27/2022     | 12.64                        | 12.93                                   | 0.29                      | 6931.09                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.93                   | 8.0                             | 18.0                               |
| MKTF-08  | 5/3/2022      | 12.71                        | 13.09                                   | 0.38                      | 6930.93                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.93                   | 8.0                             | 18.0                               |
| MKTF-08  | 6/2/2022      | 12.83                        | 13.61                                   | 0.78                      | 6930.41                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.96                   | 8.0                             | 18.0                               |
| MKTF-08  | 7/6/2022      | 12.69                        | 13.08                                   | 0.39                      | 6930.94                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.96                   | 8.0                             | 18.0                               |
| MKTF-08  | 8/8/2022      | 12.40                        | 13.08                                   | 0.68                      | 6930.94                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.96                   | 8.0                             | 18.0                               |
| MKTF-08  | 9/1/2022      | 12.29                        | 13.71                                   | 1.42                      | 6930.31                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.96                   | 8.0                             | 18.0                               |
| MKTF-08  | 10/3/2022     | 11.87                        | 15.31                                   | 3.44                      | 6928.71                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.96                   | 8.0                             | 18.0                               |
| MKTF-08  | 11/2/2022     | 11.88                        | 15.31                                   | 3.43                      | 6928.71                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.96                   | 8.0                             | 18.0                               |
| MKTF-08  | 12/6/2022     | 12.24                        | 15.24                                   | 3.00                      | 6928.78                     | 6944.02                                           | 6947.09                               | 3.07                                    | 18.96                   | 8.0                             | 18.0                               |
| MKTF-09  | 1/13/2014     | ND                           | 11.85                                   | NA                        | 6931.72                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.77                   | 9.0                             | 19.0                               |
| MKTF-09  | 2/13/2014     | ND                           | 11.89                                   | NA                        | 6931.68                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.77                   | 9.0                             | 19.0                               |
| MKTF-09  | 3/11/2014     | ND                           | 11.87                                   | NA                        | 6931.70                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.77                   | 9.0                             | 19.0                               |
| MKTF-09  | 6/5/2014      | ND                           | 11.97                                   | NA                        | 6931.60                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.77                   | 9.0                             | 19.0                               |
| MKTF-09  | 9/15/2014     | ND                           | 11.96                                   | NA                        | 6931.61                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.77                   | 9.0                             | 19.0                               |
| MKTF-09  | 11/14/2014    | ND                           | 12.28                                   | NA                        | 6931.29                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.77                   | 9.0                             | 19.0                               |
| MKTF-09  | 3/16/2015     | ND                           | 11.55                                   | NA                        | 6932.02                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.77                   | 9.0                             | 19.0                               |
| MKTF-09  | 6/4/2015      | ND                           | 11.75                                   | NA                        | 6931.82                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.77                   | 9.0                             | 19.0                               |



APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MKTF-09  | 8/18/2015     | ND                           | 11.56                                   | NA                        | 6932.01                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.77                   | 9.0                             | 19.0                               |
| MKTF-09  | 11/3/2015     | ND                           | 11.36                                   | NA                        | 6932.21                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.77                   | 9.0                             | 19.0                               |
| MKTF-09  | 2/29/2016     | ND                           | 11.22                                   | NA                        | 6932.35                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.77                   | 9.0                             | 19.0                               |
| MKTF-09  | 6/9/2016      | ND                           | 10.99                                   | NA                        | 6932.58                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.77                   | 9.0                             | 19.0                               |
| MKTF-09  | 9/11/2016     | ND                           | 11.27                                   | NA                        | 6932.30                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.77                   | 9.0                             | 19.0                               |
| MKTF-09  | 11/3/2016     | ND                           | 11.36                                   | NA                        | 6932.21                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.77                   | 9.0                             | 19.0                               |
| MKTF-09  | 3/15/2017     | ND                           | 9.71                                    | NA                        | 6933.86                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.77                   | 9.0                             | 19.0                               |
| MKTF-09  | 6/12/2017     | ND                           | 9.71                                    | NA                        | 6933.86                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.77                   | 9.0                             | 19.0                               |
| MKTF-09  | 9/28/2017     | ND                           | 9.76                                    | NA                        | 6933.81                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.77                   | 9.0                             | 19.0                               |
| MKTF-09  | 11/29/2017    | ND                           | 10.22                                   | NA                        | 6933.35                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.82                   | 9.0                             | 19.0                               |
| MKTF-09  | 2/14/2018     | ND                           | 10.83                                   | NA                        | 6932.74                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.81                   | 9.0                             | 19.0                               |
| MKTF-09  | 4/25/2018     | ND                           | 10.49                                   | NA                        | 6933.08                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.76                   | 9.0                             | 19.0                               |
| MKTF-09  | 8/16/2018     | ND                           | 10.56                                   | NA                        | 6933.01                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.81                   | 9.0                             | 19.0                               |
| MKTF-09  | 11/27/2018    | ND                           | 10.88                                   | NA                        | 6932.69                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.82                   | 9.0                             | 19.0                               |
| MKTF-09  | 3/25/2019     | ND                           | 8.17                                    | NA                        | 6935.40                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.77                   | 9.0                             | 19.0                               |
| MKTF-09  | 5/13/2019     | ND                           | 9.34                                    | NA                        | 6934.23                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.77                   | 9.0                             | 19.0                               |
| MKTF-09  | 8/28/2019     | ND                           | 10.35                                   | NA                        | 6933.22                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.81                   | 9.0                             | 19.0                               |
| MKTF-09  | 11/18/2019    | ND                           | 11.04                                   | NA                        | 6932.53                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.82                   | 9.0                             | 19.0                               |
| MKTF-09  | 3/2/2020      | ND                           | 11.30                                   | NA                        | 6932.27                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.83                   | 9.0                             | 19.0                               |
| MKTF-09  | 6/25/2020     | ND                           | 11.62                                   | NA                        | 6931.95                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.84                   | 9.0                             | 19.0                               |
| MKTF-09  | 9/18/2020     | 11.26                        | 11.27                                   | 0.01                      | 6932.30                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.48                   | 9.0                             | 19.0                               |
| MKTF-09  | 11/10/2020    | 11.68                        | 11.69                                   | 0.01                      | 6931.88                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.48                   | 9.0                             | 19.0                               |
| MKTF-09  | 12/3/2020     | 11.82                        | 11.83                                   | 0.01                      | 6931.74                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.85                   | 9.0                             | 19.0                               |
| MKTF-09  | 1/28/2021     | ND                           | 12.18                                   | NA                        | 6931.39                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.85                   | 9.0                             | 19.0                               |
| MKTF-09  | 2/28/2021     | 11.83                        | 11.96                                   | 0.13                      | 6931.61                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.77                   | 9.0                             | 19.0                               |
| MKTF-09  | 3/31/2021     | 11.92                        | 11.94                                   | 0.02                      | 6931.63                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.77                   | 9.0                             | 19.0                               |
| MKTF-09  | 4/26/2021     | 11.86                        | 11.91                                   | 0.05                      | 6931.66                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.77                   | 9.0                             | 19.0                               |
| MKTF-09  | 5/20/2021     | 12.05                        | 12.23                                   | 0.18                      | 6931.34                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.77                   | 9.0                             | 19.0                               |
| MKTF-09  | 6/1/2021      | 11.99                        | 12.02                                   | 0.03                      | 6931.55                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.77                   | 9.0                             | 19.0                               |
| MKTF-09  | 9/7/2021      | 12.25                        | 12.28                                   | 0.03                      | 6931.29                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.77                   | 9.0                             | 19.0                               |
| MKTF-09  | 12/3/2021     | 12.16                        | 12.20                                   | 0.04                      | 6931.37                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.77                   | 9.0                             | 19.0                               |
| MKTF-09  | 1/10/2022     | 12.35                        | 12.38                                   | 0.03                      | 6931.19                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.77                   | 9.0                             | 19.0                               |
| MKTF-09  | 2/28/2022     | 12.19                        | 12.35                                   | 0.16                      | 6931.22                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.77                   | 9.0                             | 19.0                               |
| MKTF-09  | 3/2/2022      | 12.18                        | 12.22                                   | 0.04                      | 6931.35                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.77                   | 9.0                             | 19.0                               |
| MKTF-09  | 4/27/2022     | ND                           | 13.12                                   | NA                        | 6930.45                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.77                   | 9.0                             | 19.0                               |
| MKTF-09  | 5/5/2022      | ND                           | 13.08                                   | NA                        | 6930.49                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.77                   | 9.0                             | 19.0                               |
| MKTF-09  | 6/2/2022      | 12.20                        | 12.23                                   | 0.03                      | 6931.34                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.77                   | 9.0                             | 19.0                               |
| MKTF-09  | 7/6/2022      | 12.84                        | 12.87                                   | 0.03                      | 6930.70                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.77                   | 9.0                             | 19.0                               |
| MKTF-09  | 8/8/2022      | 13.09                        | 13.12                                   | 0.03                      | 6930.45                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.77                   | 9.0                             | 19.0                               |
| MKTF-09  | 9/1/2022      | 12.27                        | 12.31                                   | 0.04                      | 6931.26                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.77                   | 9.0                             | 19.0                               |
| MKTF-09  | 10/3/2022     | 12.22                        | 12.27                                   | 0.05                      | 6931.30                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.77                   | 9.0                             | 19.0                               |
| MKTF-09  | 11/2/2022     | 12.19                        | 12.26                                   | 0.07                      | 6931.31                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.77                   | 9.0                             | 19.0                               |
| MKTF-09  | 12/6/2022     | 12.39                        | 12.47                                   | 0.08                      | 6931.10                     | 6943.57                                           | 6946.50                               | 2.93                                    | 19.77                   | 9.0                             | 19.0                               |
| MKTF-10  | 1/13/2014     | ND                           | 9.10                                    | NA                        | 6928.41                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.34                   | 7.0                             | 17.0                               |
| MKTF-10  | 2/13/2014     | ND                           | 9.24                                    | NA                        | 6928.27                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.34                   | 7.0                             | 17.0                               |
| MKTF-10  | 3/11/2014     | ND                           | 9.23                                    | NA                        | 6928.28                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.34                   | 7.0                             | 17.0                               |
| MKTF-10  | 6/5/2014      | ND                           | 9.25                                    | NA                        | 6928.26                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.34                   | 7.0                             | 17.0                               |
| MKTF-10  | 9/15/2014     | ND                           | 9.34                                    | NA                        | 6928.17                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.34                   | 7.0                             | 17.0                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MKTF-10  | 11/14/2014    | ND                           | 10.40                                   | NA                        | 6927.11                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.34                   | 7.0                             | 17.0                               |
| MKTF-10  | 3/16/2015     | ND                           | 9.31                                    | NA                        | 6928.20                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.34                   | 7.0                             | 17.0                               |
| MKTF-10  | 6/4/2015      | ND                           | 9.17                                    | NA                        | 6928.34                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.34                   | 7.0                             | 17.0                               |
| MKTF-10  | 8/18/2015     | ND                           | 9.07                                    | NA                        | 6928.44                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.34                   | 7.0                             | 17.0                               |
| MKTF-10  | 11/3/2015     | ND                           | 9.19                                    | NA                        | 6928.32                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.34                   | 7.0                             | 17.0                               |
| MKTF-10  | 2/29/2016     | ND                           | 8.95                                    | NA                        | 6928.56                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.34                   | 7.0                             | 17.0                               |
| MKTF-10  | 6/9/2016      | ND                           | 8.55                                    | NA                        | 6928.96                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.34                   | 7.0                             | 17.0                               |
| MKTF-10  | 9/11/2016     | ND                           | 8.80                                    | NA                        | 6928.71                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.34                   | 7.0                             | 17.0                               |
| MKTF-10  | 11/3/2016     | ND                           | 9.19                                    | NA                        | 6928.32                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.34                   | 7.0                             | 17.0                               |
| MKTF-10  | 3/2/2017      | ND                           | 7.82                                    | NA                        | 6929.69                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.34                   | 7.0                             | 17.0                               |
| MKTF-10  | 6/7/2017      | ND                           | 7.37                                    | NA                        | 6930.14                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.34                   | 7.0                             | 17.0                               |
| MKTF-10  | 9/27/2017     | ND                           | 7.13                                    | NA                        | 6930.38                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.34                   | 7.0                             | 17.0                               |
| MKTF-10  | 11/29/2017    | ND                           | 7.35                                    | NA                        | 6930.16                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.34                   | 7.0                             | 17.0                               |
| MKTF-10  | 2/14/2018     | ND                           | 7.65                                    | NA                        | 6929.86                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.45                   | 7.0                             | 17.0                               |
| MKTF-10  | 4/25/2018     | ND                           | 7.40                                    | NA                        | 6930.11                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.40                   | 7.0                             | 17.0                               |
| MKTF-10  | 8/16/2018     | ND                           | 7.43                                    | NA                        | 6930.08                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.63                   | 7.0                             | 17.0                               |
| MKTF-10  | 11/19/2018    | ND                           | 7.60                                    | NA                        | 6929.91                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.34                   | 7.0                             | 17.0                               |
| MKTF-10  | 3/25/2019     | ND                           | 6.05                                    | NA                        | 6931.46                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.34                   | 7.0                             | 17.0                               |
| MKTF-10  | 5/13/2019     | ND                           | 6.58                                    | NA                        | 6930.93                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.34                   | 7.0                             | 17.0                               |
| MKTF-10  | 8/21/2019     | ND                           | 8.00                                    | NA                        | 6929.51                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.63                   | 7.0                             | 17.0                               |
| MKTF-10  | 10/30/2019    | ND                           | 7.63                                    | NA                        | 6929.88                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.34                   | 7.0                             | 17.0                               |
| MKTF-10  | 3/2/2020      | ND                           | 8.02                                    | NA                        | 6929.49                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.34                   | 7.0                             | 17.0                               |
| MKTF-10  | 6/25/2020     | ND                           | 7.42                                    | NA                        | 6930.09                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.34                   | 7.0                             | 17.0                               |
| MKTF-10  | 9/18/2020     | 7.87                         | 7.88                                    | 0.01                      | 6929.63                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.76                   | 7.0                             | 17.0                               |
| MKTF-10  | 11/10/2020    | ND                           | 8.14                                    | NA                        | 6929.37                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.76                   | 7.0                             | 17.0                               |
| MKTF-10  | 12/3/2020     | ND                           | 8.15                                    | NA                        | 6929.36                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.85                   | 7.0                             | 17.0                               |
| MKTF-10  | 1/28/2021     | ND                           | 8.26                                    | NA                        | 6929.25                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.85                   | 7.0                             | 17.0                               |
| MKTF-10  | 2/28/2021     | ND                           | 8.24                                    | NA                        | 6929.27                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.85                   | 7.0                             | 17.0                               |
| MKTF-10  | 3/31/2021     | ND                           | 8.09                                    | NA                        | 6929.42                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.85                   | 7.0                             | 17.0                               |
| MKTF-10  | 4/26/2021     | ND                           | 8.38                                    | NA                        | 6929.13                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.85                   | 7.0                             | 17.0                               |
| MKTF-10  | 5/20/2021     | ND                           | 8.27                                    | NA                        | 6929.24                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.85                   | 7.0                             | 17.0                               |
| MKTF-10  | 6/1/2021      | ND                           | 8.04                                    | NA                        | 6929.47                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.85                   | 7.0                             | 17.0                               |
| MKTF-10  | 9/9/2021      | ND                           | 8.55                                    | NA                        | 6928.96                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.85                   | 7.0                             | 17.0                               |
| MKTF-10  | 12/15/2021    | ND                           | 8.69                                    | NA                        | 6928.82                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.85                   | 7.0                             | 17.0                               |
| MKTF-10  | 1/10/2022     | ND                           | 10.06                                   | NA                        | 6927.45                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.95                   | 7.0                             | 17.0                               |
| MKTF-10  | 2/28/2022     | ND                           | 9.90                                    | NA                        | 6927.61                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.95                   | 7.0                             | 17.0                               |
| MKTF-10  | 3/1/2022      | ND                           | 8.65                                    | NA                        | 6928.86                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.96                   | 7.0                             | 17.0                               |
| MKTF-10  | 4/27/2022     | ND                           | 9.22                                    | NA                        | 6928.29                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.96                   | 7.0                             | 17.0                               |
| MKTF-10  | 5/5/2022      | ND                           | 9.80                                    | NA                        | 6927.71                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.96                   | 7.0                             | 17.0                               |
| MKTF-10  | 6/2/2022      | 8.55                         | 8.65                                    | 0.10                      | 6928.86                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.96                   | 7.0                             | 17.0                               |
| MKTF-10  | 7/6/2022      | 8.46                         | 8.71                                    | 0.25                      | 6928.80                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.96                   | 7.0                             | 17.0                               |
| MKTF-10  | 8/8/2022      | 8.18                         | 8.45                                    | 0.27                      | 6929.06                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.96                   | 7.0                             | 17.0                               |
| MKTF-10  | 9/1/2022      | 8.44                         | 8.56                                    | 0.12                      | 6928.95                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.96                   | 7.0                             | 17.0                               |
| MKTF-10  | 10/3/2022     | 8.48                         | 8.60                                    | 0.12                      | 6928.91                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.96                   | 7.0                             | 17.0                               |
| MKTF-10  | 11/2/2022     | 8.50                         | 8.58                                    | 0.08                      | 6928.93                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.96                   | 7.0                             | 17.0                               |
| MKTF-10  | 12/6/2022     | 8.55                         | 8.64                                    | 0.09                      | 6928.87                     | 6937.51                                           | 6937.16                               | -0.35                                   | 16.96                   | 7.0                             | 17.0                               |
| MKTF-11  | 1/15/2014     | ND                           | 8.76                                    | NA                        | 6922.85                     | 6931.61                                           | 6931.34                               | -0.27                                   | 18.41                   | 8.0                             | 18.0                               |
| MKTF-11  | 2/13/2014     | ND                           | 8.91                                    | NA                        | 6922.70                     | 6931.61                                           | 6931.34                               | -0.27                                   | 18.41                   | 8.0                             | 18.0                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MKTF-11  | 3/11/2014     | ND                           | 8.77                                    | NA                        | 6922.84                     | 6931.61                                           | 6931.34                               | -0.27                                   | 18.41                   | 8.0                             | 18.0                               |
| MKTF-11  | 6/5/2014      | ND                           | 9.47                                    | NA                        | 6922.14                     | 6931.61                                           | 6931.34                               | -0.27                                   | 18.41                   | 8.0                             | 18.0                               |
| MKTF-11  | 9/15/2014     | ND                           | 9.62                                    | NA                        | 6921.99                     | 6931.61                                           | 6931.34                               | -0.27                                   | 18.41                   | 8.0                             | 18.0                               |
| MKTF-11  | 11/13/2014    | ND                           | 9.82                                    | NA                        | 6921.79                     | 6931.61                                           | 6931.34                               | -0.27                                   | 18.41                   | 8.0                             | 18.0                               |
| MKTF-11  | 3/16/2015     | ND                           | 9.07                                    | NA                        | 6922.54                     | 6931.61                                           | 6931.34                               | -0.27                                   | 18.41                   | 8.0                             | 18.0                               |
| MKTF-11  | 6/4/2015      | ND                           | 9.27                                    | NA                        | 6922.34                     | 6931.61                                           | 6931.34                               | -0.27                                   | 18.41                   | 8.0                             | 18.0                               |
| MKTF-11  | 8/18/2015     | ND                           | 8.72                                    | NA                        | 6922.89                     | 6931.61                                           | 6931.34                               | -0.27                                   | 18.41                   | 8.0                             | 18.0                               |
| MKTF-11  | 11/3/2015     | ND                           | 8.90                                    | NA                        | 6922.71                     | 6931.61                                           | 6931.34                               | -0.27                                   | 18.41                   | 8.0                             | 18.0                               |
| MKTF-11  | 2/29/2016     | ND                           | 9.07                                    | NA                        | 6922.54                     | 6931.61                                           | 6931.34                               | -0.27                                   | 18.41                   | 8.0                             | 18.0                               |
| MKTF-11  | 6/9/2016      | ND                           | 8.93                                    | NA                        | 6922.68                     | 6931.61                                           | 6931.34                               | -0.27                                   | 18.41                   | 8.0                             | 18.0                               |
| MKTF-11  | 9/11/2016     | ND                           | 8.97                                    | NA                        | 6922.64                     | 6931.61                                           | 6931.34                               | -0.27                                   | 18.41                   | 8.0                             | 18.0                               |
| MKTF-11  | 11/3/2016     | ND                           | 8.90                                    | NA                        | 6922.71                     | 6931.61                                           | 6931.34                               | -0.27                                   | 18.41                   | 8.0                             | 18.0                               |
| MKTF-11  | 3/2/2017      | ND                           | 7.23                                    | NA                        | 6924.38                     | 6931.61                                           | 6931.34                               | -0.27                                   | 18.41                   | 8.0                             | 18.0                               |
| MKTF-11  | 6/7/2017      | ND                           | 7.66                                    | NA                        | 6923.95                     | 6931.61                                           | 6931.34                               | -0.27                                   | 18.41                   | 8.0                             | 18.0                               |
| MKTF-11  | 9/26/2017     | ND                           | 6.97                                    | NA                        | 6924.64                     | 6931.61                                           | 6931.34                               | -0.27                                   | 18.41                   | 8.0                             | 18.0                               |
| MKTF-11  | 11/29/2017    | ND                           | 8.27                                    | NA                        | 6923.34                     | 6931.61                                           | 6931.34                               | -0.27                                   | 18.41                   | 8.0                             | 18.0                               |
| MKTF-11  | 2/8/2018      | ND                           | 8.14                                    | NA                        | 6923.47                     | 6931.61                                           | 6931.34                               | -0.27                                   | 18.58                   | 8.0                             | 18.0                               |
| MKTF-11  | 4/25/2018     | ND                           | 8.12                                    | NA                        | 6923.49                     | 6931.61                                           | 6931.34                               | -0.27                                   | 18.66                   | 8.0                             | 18.0                               |
| MKTF-11  | 8/16/2018     | ND                           | 7.75                                    | NA                        | 6923.86                     | 6931.61                                           | 6931.34                               | -0.27                                   | 18.75                   | 8.0                             | 18.0                               |
| MKTF-11  | 11/19/2018    | ND                           | 7.47                                    | NA                        | 6924.14                     | 6931.61                                           | 6931.34                               | -0.27                                   | 18.41                   | 8.0                             | 18.0                               |
| MKTF-11  | 3/25/2019     | ND                           | 5.23                                    | NA                        | 6926.38                     | 6931.61                                           | 6931.34                               | -0.27                                   | 18.41                   | 8.0                             | 18.0                               |
| MKTF-11  | 5/13/2019     | ND                           | 5.51                                    | NA                        | 6926.10                     | 6931.61                                           | 6931.34                               | -0.27                                   | 18.41                   | 8.0                             | 18.0                               |
| MKTF-11  | 8/21/2019     | ND                           | 6.49                                    | NA                        | 6925.12                     | 6931.61                                           | 6931.34                               | -0.27                                   | 18.75                   | 8.0                             | 18.0                               |
| MKTF-11  | 10/30/2019    | ND                           | 7.33                                    | NA                        | 6924.28                     | 6931.61                                           | 6931.34                               | -0.27                                   | 18.41                   | 8.0                             | 18.0                               |
| MKTF-11  | 3/2/2020      | ND                           | 8.16                                    | NA                        | 6923.45                     | 6931.61                                           | 6931.34                               | -0.27                                   | 18.41                   | 8.0                             | 18.0                               |
| MKTF-11  | 6/26/2020     | 7.94                         | 7.95                                    | 0.01                      | 6923.66                     | 6931.61                                           | 6931.34                               | -0.27                                   | 18.41                   | 8.0                             | 18.0                               |
| MKTF-11  | 9/18/2020     | 7.86                         | 7.87                                    | 0.01                      | 6923.74                     | 6931.61                                           | 6931.34                               | -0.27                                   | 18.72                   | 8.0                             | 18.0                               |
| MKTF-11  | 11/10/2020    | ND                           | 7.88                                    | NA                        | 6923.73                     | 6931.61                                           | 6931.34                               | -0.27                                   | 18.72                   | 8.0                             | 18.0                               |
| MKTF-11  | 12/3/2020     | 8.16                         | 8.18                                    | 0.02                      | 6923.43                     | 6931.61                                           | 6931.34                               | -0.27                                   | 18.72                   | 8.0                             | 18.0                               |
| MKTF-11  | 1/28/2021     | ND                           | 8.15                                    | NA                        | 6923.46                     | 6931.61                                           | 6931.34                               | -0.27                                   | 18.72                   | 8.0                             | 18.0                               |
| MKTF-11  | 2/28/2021     | ND                           | 8.11                                    | NA                        | 6923.50                     | 6931.61                                           | 6931.34                               | -0.27                                   | 18.80                   | 8.0                             | 18.0                               |
| MKTF-11  | 3/31/2021     | ND                           | 7.90                                    | NA                        | 6923.71                     | 6931.61                                           | 6931.34                               | -0.27                                   | 18.80                   | 8.0                             | 18.0                               |
| MKTF-11  | 4/26/2021     | ND                           | 7.97                                    | NA                        | 6923.64                     | 6931.61                                           | 6931.34                               | -0.27                                   | 18.80                   | 8.0                             | 18.0                               |
| MKTF-11  | 5/20/2021     | ND                           | 7.94                                    | NA                        | 6923.67                     | 6931.61                                           | 6931.34                               | -0.27                                   | 18.80                   | 8.0                             | 18.0                               |
| MKTF-11  | 6/1/2021      | ND                           | 7.83                                    | NA                        | 6923.78                     | 6931.61                                           | 6931.34                               | -0.27                                   | 18.80                   | 8.0                             | 18.0                               |
| MKTF-11  | 9/9/2021      | ND                           | 8.86                                    | NA                        | 6922.75                     | 6931.61                                           | 6931.34                               | -0.27                                   | 18.80                   | 8.0                             | 18.0                               |
| MKTF-11  | 12/15/2021    | ND                           | 8.69                                    | NA                        | 6922.92                     | 6931.61                                           | 6931.34                               | -0.27                                   | 18.80                   | 8.0                             | 18.0                               |
| MKTF-11  | 1/10/2022     | ND                           | 8.79                                    | NA                        | 6922.82                     | 6931.61                                           | 6931.34                               | -0.27                                   | 18.80                   | 8.0                             | 18.0                               |
| MKTF-11  | 2/28/2022     | ND                           | 8.71                                    | NA                        | 6922.90                     | 6931.61                                           | 6931.34                               | -0.27                                   | 18.80                   | 8.0                             | 18.0                               |
| MKTF-11  | 3/2/2022      | ND                           | 8.11                                    | NA                        | 6923.50                     | 6931.61                                           | 6931.34                               | -0.27                                   | 19.61                   | 8.0                             | 18.0                               |
| MKTF-11  | 4/27/2022     | ND                           | 8.55                                    | NA                        | 6923.06                     | 6931.61                                           | 6931.34                               | -0.27                                   | 18.80                   | 8.0                             | 18.0                               |
| MKTF-11  | 5/5/2022      | ND                           | 8.71                                    | NA                        | 6922.90                     | 6931.61                                           | 6931.34                               | -0.27                                   | 18.80                   | 8.0                             | 18.0                               |
| MKTF-11  | 6/2/2022      | ND                           | 9.07                                    | NA                        | 6922.54                     | 6931.61                                           | 6931.34                               | -0.27                                   | 18.77                   | 8.0                             | 18.0                               |
| MKTF-11  | 7/6/2022      | ND                           | 8.80                                    | NA                        | 6922.81                     | 6931.61                                           | 6931.34                               | -0.27                                   | 18.76                   | 8.0                             | 18.0                               |
| MKTF-11  | 8/8/2022      | ND                           | 9.23                                    | NA                        | 6922.38                     | 6931.61                                           | 6931.34                               | -0.27                                   | 18.75                   | 8.0                             | 18.0                               |
| MKTF-11  | 9/1/2022      | 8.92                         | 8.96                                    | 0.04                      | 6922.65                     | 6931.61                                           | 6931.34                               | -0.27                                   | 18.75                   | 8.0                             | 18.0                               |
| MKTF-11  | 10/3/2022     | 8.97                         | 9.01                                    | 0.04                      | 6922.60                     | 6931.61                                           | 6931.34                               | -0.27                                   | 18.75                   | 8.0                             | 18.0                               |
| MKTF-11  | 11/2/2022     | 8.98                         | 9.01                                    | 0.03                      | 6922.60                     | 6931.61                                           | 6931.34                               | -0.27                                   | 18.75                   | 8.0                             | 18.0                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MKTF-11  | 12/6/2022     | 9.04                         | 9.09                                    | 0.05                      | 6922.52                     | 6931.61                                           | 6931.34                               | -0.27                                   | 18.75                   | 8.0                             | 18.0                               |
| MKTF-12  | 1/13/2014     | 16.85                        | 17.12                                   | 0.27                      | 6922.58                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.19                   | 12.0                            | 22.0                               |
| MKTF-12  | 2/12/2014     | 17.04                        | 17.46                                   | 0.42                      | 6922.24                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.19                   | 12.0                            | 22.0                               |
| MKTF-12  | 3/11/2014     | 16.74                        | 17.02                                   | 0.28                      | 6922.68                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.19                   | 12.0                            | 22.0                               |
| MKTF-12  | 6/4/2014      | 17.33                        | 17.41                                   | 0.08                      | 6922.29                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.19                   | 12.0                            | 22.0                               |
| MKTF-12  | 9/15/2014     | 17.40                        | 18.59                                   | 1.19                      | 6921.11                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.19                   | 12.0                            | 22.0                               |
| MKTF-12  | 11/17/2014    | 17.79                        | 18.97                                   | 1.18                      | 6920.73                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.19                   | 12.0                            | 22.0                               |
| MKTF-12  | 3/12/2015     | 16.72                        | 18.53                                   | 1.81                      | 6921.17                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.19                   | 12.0                            | 22.0                               |
| MKTF-12  | 6/9/2015      | 17.06                        | 19.24                                   | 2.18                      | 6920.46                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.19                   | 12.0                            | 22.0                               |
| MKTF-12  | 8/18/2015     | 17.05                        | 17.58                                   | 0.53                      | 6922.12                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.19                   | 12.0                            | 22.0                               |
| MKTF-12  | 11/3/2015     | 17.25                        | 17.86                                   | 0.61                      | 6921.84                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.19                   | 12.0                            | 22.0                               |
| MKTF-12  | 3/12/2016     | 16.72                        | 18.53                                   | 1.81                      | 6921.17                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.19                   | 12.0                            | 22.0                               |
| MKTF-12  | 6/10/2016     | 15.82                        | 17.14                                   | 1.32                      | 6922.56                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.19                   | 12.0                            | 22.0                               |
| MKTF-12  | 9/10/2016     | 16.82                        | 17.14                                   | 0.32                      | 6922.56                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.19                   | 12.0                            | 22.0                               |
| MKTF-12  | 11/3/2016     | 17.25                        | 17.86                                   | 0.61                      | 6921.84                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.19                   | 12.0                            | 22.0                               |
| MKTF-12  | 3/15/2017     | 15.34                        | 15.40                                   | 0.06                      | 6924.30                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.19                   | 12.0                            | 22.0                               |
| MKTF-12  | 6/7/2017      | 16.19                        | 16.38                                   | 0.19                      | 6923.32                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.19                   | 12.0                            | 22.0                               |
| MKTF-12  | 10/3/2017     | 14.89                        | 15.02                                   | 0.13                      | 6924.68                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.19                   | 12.0                            | 22.0                               |
| MKTF-12  | 11/27/2017    | 16.02                        | 16.15                                   | 0.13                      | 6923.55                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.19                   | 12.0                            | 22.0                               |
| MKTF-12  | 2/7/2018      | 16.70                        | 16.87                                   | 0.17                      | 6922.83                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.19                   | 12.0                            | 22.0                               |
| MKTF-12  | 4/26/2018     | 16.70                        | 16.82                                   | 0.12                      | 6922.88                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.17                   | 12.0                            | 22.0                               |
| MKTF-12  | 8/15/2018     | 16.60                        | 16.79                                   | 0.19                      | 6922.91                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.19                   | 12.0                            | 22.0                               |
| MKTF-12  | 11/27/2018    | 15.99                        | 16.13                                   | 0.14                      | 6923.57                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.19                   | 12.0                            | 22.0                               |
| MKTF-12  | 3/26/2019     | 14.24                        | 14.59                                   | 0.35                      | 6925.11                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.19                   | 12.0                            | 22.0                               |
| MKTF-12  | 5/9/2019      | 14.84                        | 14.94                                   | 0.10                      | 6924.76                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.19                   | 12.0                            | 22.0                               |
| MKTF-12  | 8/20/2019     | 15.51                        | 15.60                                   | 0.09                      | 6924.10                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.19                   | 12.0                            | 22.0                               |
| MKTF-12  | 10/28/2019    | 15.94                        | 16.06                                   | 0.12                      | 6923.64                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.19                   | 12.0                            | 22.0                               |
| MKTF-12  | 11/12/2019    | 15.73                        | 15.81                                   | 0.08                      | 6923.89                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.19                   | 12.0                            | 22.0                               |
| MKTF-12  | 11/13/2019    | 15.61                        | 15.71                                   | 0.10                      | 6923.99                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.19                   | 12.0                            | 22.0                               |
| MKTF-12  | 11/14/2019    | 15.70                        | 15.78                                   | 0.08                      | 6923.92                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.19                   | 12.0                            | 22.0                               |
| MKTF-12  | 11/15/2019    | 15.69                        | 15.77                                   | 0.08                      | 6923.93                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.19                   | 12.0                            | 22.0                               |
| MKTF-12  | 11/19/2019    | 15.59                        | 15.68                                   | 0.09                      | 6924.02                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.19                   | 12.0                            | 22.0                               |
| MKTF-12  | 11/21/2019    | 15.63                        | 15.79                                   | 0.16                      | 6923.91                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.19                   | 12.0                            | 22.0                               |
| MKTF-12  | 12/2/2019     | 15.29                        | 15.34                                   | 0.05                      | 6924.36                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.19                   | 12.0                            | 22.0                               |
| MKTF-12  | 2/27/2020     | 15.43                        | 15.51                                   | 0.08                      | 6924.19                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.19                   | 12.0                            | 22.0                               |
| MKTF-12  | 6/29/2020     | 16.72                        | 16.84                                   | 0.12                      | 6922.86                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.19                   | 12.0                            | 22.0                               |
| MKTF-12  | 9/18/2020     | 16.23                        | 16.24                                   | 0.01                      | 6923.46                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.41                   | 12.0                            | 22.0                               |
| MKTF-12  | 11/10/2020    | 15.56                        | 15.59                                   | 0.03                      | 6924.11                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.41                   | 12.0                            | 22.0                               |
| MKTF-12  | 12/3/2020     | 16.49                        | 16.65                                   | 0.16                      | 6923.05                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.48                   | 12.0                            | 22.0                               |
| MKTF-12  | 1/28/2021     | 17.05                        | 17.22                                   | 0.17                      | 6922.48                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.48                   | 12.0                            | 22.0                               |
| MKTF-12  | 2/28/2021     | 16.41                        | 16.51                                   | 0.10                      | 6923.19                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.44                   | 12.0                            | 22.0                               |
| MKTF-12  | 3/31/2021     | 16.18                        | 16.22                                   | 0.04                      | 6923.48                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.44                   | 12.0                            | 22.0                               |
| MKTF-12  | 4/26/2021     | 16.08                        | 16.19                                   | 0.11                      | 6923.51                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.44                   | 12.0                            | 22.0                               |
| MKTF-12  | 5/20/2021     | 16.29                        | 16.32                                   | 0.03                      | 6923.38                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.44                   | 12.0                            | 22.0                               |
| MKTF-12  | 5/20/2021     | 16.62                        | 16.67                                   | 0.05                      | 6923.03                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.44                   | 12.0                            | 22.0                               |
| MKTF-12  | 9/9/2021      | 16.60                        | 16.68                                   | 0.08                      | 6923.02                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.44                   | 12.0                            | 22.0                               |
| MKTF-12  | 12/3/2021     | 16.68                        | 16.79                                   | 0.11                      | 6922.91                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.44                   | 12.0                            | 22.0                               |
| MKTF-12  | 1/10/2022     | 16.48                        | 16.69                                   | 0.21                      | 6923.01                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.44                   | 12.0                            | 22.0                               |



APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MKTF-12  | 2/28/2022     | 16.71                        | 16.79                                   | 0.08                      | 6922.91                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.44                   | 12.0                            | 22.0                               |
| MKTF-12  | 3/1/2022      | 16.71                        | 16.78                                   | 0.07                      | 6922.92                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.47                   | 12.0                            | 22.0                               |
| MKTF-12  | 4/27/2022     | 17.09                        | 17.14                                   | 0.05                      | 6922.56                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.47                   | 12.0                            | 22.0                               |
| MKTF-12  | 5/5/2022      | 16.92                        | 17.00                                   | 0.08                      | 6922.70                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.47                   | 12.0                            | 22.0                               |
| MKTF-12  | 6/2/2022      | 16.79                        | 16.86                                   | 0.07                      | 6922.84                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.49                   | 12.0                            | 22.0                               |
| MKTF-12  | 7/6/2022      | 14.40                        | 14.48                                   | 0.08                      | 6925.22                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.51                   | 12.0                            | 22.0                               |
| MKTF-12  | 8/8/2022      | 15.47                        | 15.54                                   | 0.07                      | 6924.16                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.53                   | 12.0                            | 22.0                               |
| MKTF-12  | 9/1/2022      | 17.02                        | 17.09                                   | 0.07                      | 6922.61                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.53                   | 12.0                            | 22.0                               |
| MKTF-12  | 10/3/2022     | 17.19                        | 17.34                                   | 0.15                      | 6922.36                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.53                   | 12.0                            | 22.0                               |
| MKTF-12  | 11/2/2022     | 17.22                        | 17.35                                   | 0.13                      | 6922.35                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.53                   | 12.0                            | 22.0                               |
| MKTF-12  | 12/6/2022     | 17.54                        | 17.70                                   | 0.16                      | 6922.00                     | 6939.70                                           | 6942.11                               | 2.41                                    | 23.53                   | 12.0                            | 22.0                               |
| MKTF-13  | 1/13/2014     | 11.29                        | 11.59                                   | 0.30                      | 6922.08                     | 6933.67                                           | 6935.18                               | 1.51                                    | 19.74                   | 8.0                             | 18.0                               |
| MKTF-13  | 2/12/2014     | 11.47                        | 11.81                                   | 0.34                      | 6921.86                     | 6933.67                                           | 6935.18                               | 1.51                                    | 19.74                   | 8.0                             | 18.0                               |
| MKTF-13  | 3/11/2014     | 11.16                        | 11.49                                   | 0.33                      | 6922.18                     | 6933.67                                           | 6935.18                               | 1.51                                    | 19.74                   | 8.0                             | 18.0                               |
| MKTF-13  | 6/4/2014      | 13.09                        | 13.74                                   | 0.65                      | 6919.93                     | 6933.67                                           | 6935.18                               | 1.51                                    | 19.74                   | 8.0                             | 18.0                               |
| MKTF-13  | 9/15/2014     | 13.10                        | 14.24                                   | 1.14                      | 6919.43                     | 6933.67                                           | 6935.18                               | 1.51                                    | 19.74                   | 8.0                             | 18.0                               |
| MKTF-13  | 11/17/2014    | 13.42                        | 14.82                                   | 1.40                      | 6918.85                     | 6933.67                                           | 6935.18                               | 1.51                                    | 19.74                   | 8.0                             | 18.0                               |
| MKTF-13  | 3/12/2015     | 12.24                        | 14.31                                   | 2.07                      | 6919.36                     | 6933.67                                           | 6935.18                               | 1.51                                    | 19.74                   | 8.0                             | 18.0                               |
| MKTF-13  | 6/9/2015      | 12.71                        | 14.36                                   | 1.65                      | 6919.31                     | 6933.67                                           | 6935.18                               | 1.51                                    | 19.74                   | 8.0                             | 18.0                               |
| MKTF-13  | 8/21/2015     | 12.43                        | 14.11                                   | 1.68                      | 6919.56                     | 6933.67                                           | 6935.18                               | 1.51                                    | 19.74                   | 8.0                             | 18.0                               |
| MKTF-13  | 11/3/2015     | 12.71                        | 14.04                                   | 1.33                      | 6919.63                     | 6933.67                                           | 6935.18                               | 1.51                                    | 19.74                   | 8.0                             | 18.0                               |
| MKTF-13  | 3/12/2016     | 12.24                        | 14.31                                   | 2.07                      | 6919.36                     | 6933.67                                           | 6935.18                               | 1.51                                    | 19.74                   | 8.0                             | 18.0                               |
| MKTF-13  | 6/10/2016     | 11.48                        | 12.68                                   | 1.20                      | 6920.99                     | 6933.67                                           | 6935.18                               | 1.51                                    | 19.74                   | 8.0                             | 18.0                               |
| MKTF-13  | 9/10/2016     | 12.37                        | 13.35                                   | 0.98                      | 6920.32                     | 6933.67                                           | 6935.18                               | 1.51                                    | 19.74                   | 8.0                             | 18.0                               |
| MKTF-13  | 11/3/2016     | 12.71                        | 14.04                                   | 1.33                      | 6919.63                     | 6933.67                                           | 6935.18                               | 1.51                                    | 19.74                   | 8.0                             | 18.0                               |
| MKTF-13  | 3/15/2017     | ND                           | 11.09                                   | NA                        | 6922.58                     | 6933.67                                           | 6935.18                               | 1.51                                    | 19.74                   | 8.0                             | 18.0                               |
| MKTF-13  | 6/7/2017      | 11.84                        | 11.90                                   | 0.06                      | 6921.77                     | 6933.67                                           | 6935.18                               | 1.51                                    | 19.74                   | 8.0                             | 18.0                               |
| MKTF-13  | 10/3/2017     | 10.40                        | 10.43                                   | 0.03                      | 6923.24                     | 6933.67                                           | 6935.18                               | 1.51                                    | 19.74                   | 8.0                             | 18.0                               |
| MKTF-13  | 11/27/2017    | 11.63                        | 11.64                                   | 0.01                      | 6922.03                     | 6933.67                                           | 6935.18                               | 1.51                                    | 19.74                   | 8.0                             | 18.0                               |
| MKTF-13  | 2/7/2018      | 12.26                        | 12.27                                   | 0.01                      | 6921.40                     | 6933.67                                           | 6935.18                               | 1.51                                    | 19.74                   | 8.0                             | 18.0                               |
| MKTF-13  | 4/26/2018     | ND                           | 12.24                                   | NA                        | 6921.43                     | 6933.67                                           | 6935.18                               | 1.51                                    | 20.15                   | 8.0                             | 18.0                               |
| MKTF-13  | 8/15/2018     | ND                           | 12.17                                   | NA                        | 6921.50                     | 6933.67                                           | 6935.18                               | 1.51                                    | 20.04                   | 8.0                             | 18.0                               |
| MKTF-13  | 11/27/2018    | ND                           | 11.21                                   | NA                        | 6922.46                     | 6933.67                                           | 6935.18                               | 1.51                                    | 19.74                   | 8.0                             | 18.0                               |
| MKTF-13  | 3/26/2019     | ND                           | 9.39                                    | NA                        | 6924.28                     | 6933.67                                           | 6935.18                               | 1.51                                    | 19.74                   | 8.0                             | 18.0                               |
| MKTF-13  | 5/9/2019      | ND                           | 10.09                                   | NA                        | 6923.58                     | 6933.67                                           | 6935.18                               | 1.51                                    | 19.74                   | 8.0                             | 18.0                               |
| MKTF-13  | 8/20/2019     | ND                           | 10.94                                   | NA                        | 6922.73                     | 6933.67                                           | 6935.18                               | 1.51                                    | 20.04                   | 8.0                             | 18.0                               |
| MKTF-13  | 10/28/2019    | ND                           | 11.44                                   | NA                        | 6922.23                     | 6933.67                                           | 6935.18                               | 1.51                                    | 19.74                   | 8.0                             | 18.0                               |
| MKTF-13  | 11/12/2019    | ND                           | 11.31                                   | NA                        | 6922.36                     | 6933.67                                           | 6935.18                               | 1.51                                    | 19.74                   | 8.0                             | 18.0                               |
| MKTF-13  | 11/13/2019    | ND                           | 11.24                                   | NA                        | 6922.43                     | 6933.67                                           | 6935.18                               | 1.51                                    | 19.74                   | 8.0                             | 18.0                               |
| MKTF-13  | 11/14/2019    | ND                           | 11.34                                   | NA                        | 6922.33                     | 6933.67                                           | 6935.18                               | 1.51                                    | 19.74                   | 8.0                             | 18.0                               |
| MKTF-13  | 11/15/2019    | ND                           | 11.29                                   | NA                        | 6922.38                     | 6933.67                                           | 6935.18                               | 1.51                                    | 19.74                   | 8.0                             | 18.0                               |
| MKTF-13  | 11/19/2019    | ND                           | 11.20                                   | NA                        | 6922.47                     | 6933.67                                           | 6935.18                               | 1.51                                    | 19.74                   | 8.0                             | 18.0                               |
| MKTF-13  | 11/21/2019    | ND                           | 11.24                                   | NA                        | 6922.43                     | 6933.67                                           | 6935.18                               | 1.51                                    | 19.74                   | 8.0                             | 18.0                               |
| MKTF-13  | 12/2/2019     | ND                           | 10.89                                   | NA                        | 6922.78                     | 6933.67                                           | 6935.18                               | 1.51                                    | 19.74                   | 8.0                             | 18.0                               |
| MKTF-13  | 2/27/2020     | 9.62                         | 15.80                                   | 6.18                      | 6917.87                     | 6933.67                                           | 6935.18                               | 1.51                                    | 19.74                   | 8.0                             | 18.0                               |
| MKTF-13  | 6/29/2020     | 11.16                        | 16.70                                   | 5.54                      | 6916.97                     | 6933.67                                           | 6935.18                               | 1.51                                    | 19.74                   | 8.0                             | 18.0                               |
| MKTF-13  | 9/18/2020     | 11.04                        | 15.41                                   | 4.37                      | 6918.26                     | 6933.67                                           | 6935.18                               | 1.51                                    | 20.62                   | 8.0                             | 18.0                               |
| MKTF-13  | 11/10/2020    | 10.47                        | 14.85                                   | 4.38                      | 6918.82                     | 6933.67                                           | 6935.18                               | 1.51                                    | 20.62                   | 8.0                             | 18.0                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MKTF-13  | 12/3/2020     | 11.33                        | 15.14                                   | 3.81                      | 6918.53                     | 6933.67                                           | 6935.18                               | 1.51                                    | 20.41                   | 8.0                             | 18.0                               |
| MKTF-13  | 1/28/2021     | 11.74                        | 15.75                                   | 4.01                      | 6917.92                     | 6933.67                                           | 6935.18                               | 1.51                                    | 20.41                   | 8.0                             | 18.0                               |
| MKTF-13  | 2/28/2021     | 11.09                        | 15.39                                   | 4.30                      | 6918.28                     | 6933.67                                           | 6935.18                               | 1.51                                    | 20.24                   | 8.0                             | 18.0                               |
| MKTF-13  | 3/31/2021     | 10.70                        | 15.14                                   | 4.44                      | 6918.53                     | 6933.67                                           | 6935.18                               | 1.51                                    | 20.24                   | 8.0                             | 18.0                               |
| MKTF-13  | 4/26/2021     | 10.74                        | 14.82                                   | 4.08                      | 6918.85                     | 6933.67                                           | 6935.18                               | 1.51                                    | 20.24                   | 8.0                             | 18.0                               |
| MKTF-13  | 5/20/2021     | 10.60                        | 15.19                                   | 4.59                      | 6918.48                     | 6933.67                                           | 6935.18                               | 1.51                                    | 20.24                   | 8.0                             | 18.0                               |
| MKTF-13  | 6/1/2021      | 10.42                        | 14.16                                   | 3.74                      | 6919.51                     | 6933.67                                           | 6935.18                               | 1.51                                    | 20.24                   | 8.0                             | 18.0                               |
| MKTF-13  | 9/7/2021      | 11.49                        | 15.09                                   | 3.60                      | 6918.58                     | 6933.67                                           | 6935.18                               | 1.51                                    | 20.24                   | 8.0                             | 18.0                               |
| MKTF-13  | 12/3/2021     | 11.96                        | 14.31                                   | 2.35                      | 6919.36                     | 6933.67                                           | 6935.18                               | 1.51                                    | 20.24                   | 8.0                             | 18.0                               |
| MKTF-13  | 1/10/2022     | 9.32                         | 13.27                                   | 3.95                      | 6920.40                     | 6933.67                                           | 6935.18                               | 1.51                                    | 20.24                   | 8.0                             | 18.0                               |
| MKTF-13  | 2/28/2022     | 9.29                         | 13.24                                   | 3.95                      | 6920.43                     | 6933.67                                           | 6935.18                               | 1.51                                    | 20.24                   | 8.0                             | 18.0                               |
| MKTF-13  | 3/1/2022      | 11.93                        | 14.27                                   | 2.34                      | 6919.40                     | 6933.67                                           | 6935.18                               | 1.51                                    | 20.24                   | 8.0                             | 18.0                               |
| MKTF-13  | 4/27/2022     | 12.46                        | 13.53                                   | 1.07                      | 6920.14                     | 6933.67                                           | 6935.18                               | 1.51                                    | 20.24                   | 8.0                             | 18.0                               |
| MKTF-13  | 5/3/2022      | 12.53                        | 13.56                                   | 1.03                      | 6920.11                     | 6933.67                                           | 6935.18                               | 1.51                                    | 20.24                   | 8.0                             | 18.0                               |
| MKTF-13  | 6/2/2022      | 12.28                        | 13.64                                   | 1.36                      | 6920.03                     | 6933.67                                           | 6935.18                               | 1.51                                    | 20.24                   | 8.0                             | 18.0                               |
| MKTF-13  | 7/6/2022      | 12.61                        | 14.15                                   | 1.54                      | 6919.52                     | 6933.67                                           | 6935.18                               | 1.51                                    | 20.24                   | 8.0                             | 18.0                               |
| MKTF-13  | 8/8/2022      | 12.11                        | 13.86                                   | 1.75                      | 6919.81                     | 6933.67                                           | 6935.18                               | 1.51                                    | 20.24                   | 8.0                             | 18.0                               |
| MKTF-13  | 9/1/2022      | 12.09                        | 13.60                                   | 1.51                      | 6920.07                     | 6933.67                                           | 6935.18                               | 1.51                                    | 20.24                   | 8.0                             | 18.0                               |
| MKTF-13  | 10/3/2022     | 11.87                        | 13.52                                   | 1.65                      | 6920.15                     | 6933.67                                           | 6935.18                               | 1.51                                    | 20.24                   | 8.0                             | 18.0                               |
| MKTF-13  | 11/2/2022     | 11.89                        | 13.49                                   | 1.60                      | 6920.18                     | 6933.67                                           | 6935.18                               | 1.51                                    | 20.24                   | 8.0                             | 18.0                               |
| MKTF-13  | 12/9/2022     | 13.37                        | 14.19                                   | 0.82                      | 6919.48                     | 6933.67                                           | 6935.18                               | 1.51                                    | 20.24                   | 8.0                             | 18.0                               |
| MKTF-14  | 1/13/2014     | 5.01                         | 6.62                                    | 1.61                      | 6919.03                     | 6925.65                                           | 6928.02                               | 2.37                                    | 15.09                   | 4.0                             | 14.0                               |
| MKTF-14  | 2/12/2014     | 5.23                         | 6.40                                    | 1.17                      | 6919.25                     | 6925.65                                           | 6928.02                               | 2.37                                    | 15.09                   | 4.0                             | 14.0                               |
| MKTF-14  | 3/11/2014     | 4.90                         | 6.05                                    | 1.15                      | 6919.60                     | 6925.65                                           | 6928.02                               | 2.37                                    | 15.09                   | 4.0                             | 14.0                               |
| MKTF-14  | 6/4/2014      | 5.54                         | 6.36                                    | 0.82                      | 6919.29                     | 6925.65                                           | 6928.02                               | 2.37                                    | 15.09                   | 4.0                             | 14.0                               |
| MKTF-14  | 9/15/2014     | 5.93                         | 6.38                                    | 0.45                      | 6919.27                     | 6925.65                                           | 6928.02                               | 2.37                                    | 15.09                   | 4.0                             | 14.0                               |
| MKTF-14  | 11/17/2014    | 6.20                         | 6.57                                    | 0.37                      | 6919.08                     | 6925.65                                           | 6928.02                               | 2.37                                    | 15.09                   | 4.0                             | 14.0                               |
| MKTF-14  | 3/12/2015     | 5.23                         | 5.78                                    | 0.55                      | 6919.87                     | 6925.65                                           | 6928.02                               | 2.37                                    | 15.09                   | 4.0                             | 14.0                               |
| MKTF-14  | 6/9/2015      | 5.63                         | 6.00                                    | 0.37                      | 6919.65                     | 6925.65                                           | 6928.02                               | 2.37                                    | 15.09                   | 4.0                             | 14.0                               |
| MKTF-14  | 8/21/2015     | 5.24                         | 5.66                                    | 0.42                      | 6919.99                     | 6925.65                                           | 6928.02                               | 2.37                                    | 15.09                   | 4.0                             | 14.0                               |
| MKTF-14  | 11/3/2015     | 5.34                         | 5.73                                    | 0.39                      | 6919.92                     | 6925.65                                           | 6928.02                               | 2.37                                    | 15.09                   | 4.0                             | 14.0                               |
| MKTF-14  | 3/12/2016     | 5.23                         | 5.78                                    | 0.55                      | 6919.87                     | 6925.65                                           | 6928.02                               | 2.37                                    | 15.09                   | 4.0                             | 14.0                               |
| MKTF-14  | 6/10/2016     | 4.76                         | 7.09                                    | 2.33                      | 6918.56                     | 6925.65                                           | 6928.02                               | 2.37                                    | 15.09                   | 4.0                             | 14.0                               |
| MKTF-14  | 9/10/2016     | 4.94                         | 6.63                                    | 1.69                      | 6919.02                     | 6925.65                                           | 6928.02                               | 2.37                                    | 15.09                   | 4.0                             | 14.0                               |
| MKTF-14  | 11/3/2016     | 5.34                         | 5.73                                    | 0.39                      | 6919.92                     | 6925.65                                           | 6928.02                               | 2.37                                    | 15.09                   | 4.0                             | 14.0                               |
| MKTF-14  | 3/8/2017      | 3.40                         | 4.38                                    | 0.98                      | 6921.27                     | 6925.65                                           | 6928.02                               | 2.37                                    | 15.09                   | 4.0                             | 14.0                               |
| MKTF-14  | 6/7/2017      | 4.31                         | 5.15                                    | 0.84                      | 6920.50                     | 6925.65                                           | 6928.02                               | 2.37                                    | 15.09                   | 4.0                             | 14.0                               |
| MKTF-14  | 10/3/2017     | 3.33                         | 3.74                                    | 0.41                      | 6921.91                     | 6925.65                                           | 6928.02                               | 2.37                                    | 15.09                   | 4.0                             | 14.0                               |
| MKTF-14  | 11/27/2017    | 4.19                         | 4.56                                    | 0.37                      | 6921.09                     | 6925.65                                           | 6928.02                               | 2.37                                    | 15.09                   | 4.0                             | 14.0                               |
| MKTF-14  | 2/7/2018      | 4.61                         | 5.02                                    | 0.41                      | 6920.63                     | 6925.65                                           | 6928.02                               | 2.37                                    | 15.09                   | 4.0                             | 14.0                               |
| MKTF-14  | 4/26/2018     | 4.64                         | 5.02                                    | 0.38                      | 6920.63                     | 6925.65                                           | 6928.02                               | 2.37                                    | 15.06                   | 4.0                             | 14.0                               |
| MKTF-14  | 8/15/2018     | 4.58                         | 4.93                                    | 0.35                      | 6920.72                     | 6925.65                                           | 6928.02                               | 2.37                                    | 15.08                   | 4.0                             | 14.0                               |
| MKTF-14  | 11/27/2018    | 3.89                         | 4.28                                    | 0.39                      | 6921.37                     | 6925.65                                           | 6928.02                               | 2.37                                    | 15.09                   | 4.0                             | 14.0                               |
| MKTF-14  | 3/25/2019     | 1.52                         | 1.88                                    | 0.36                      | 6923.77                     | 6925.65                                           | 6928.02                               | 2.37                                    | 15.09                   | 4.0                             | 14.0                               |
| MKTF-14  | 5/9/2019      | 2.28                         | 2.67                                    | 0.39                      | 6922.98                     | 6925.65                                           | 6928.02                               | 2.37                                    | 15.09                   | 4.0                             | 14.0                               |
| MKTF-14  | 8/20/2019     | 3.27                         | 3.55                                    | 0.28                      | 6922.10                     | 6925.65                                           | 6928.02                               | 2.37                                    | 15.08                   | 4.0                             | 14.0                               |
| MKTF-14  | 10/28/2019    | 3.65                         | 4.02                                    | 0.37                      | 6921.63                     | 6925.65                                           | 6928.02                               | 2.37                                    | 15.09                   | 4.0                             | 14.0                               |
| MKTF-14  | 2/27/2020     | 2.98                         | 3.28                                    | 0.30                      | 6922.37                     | 6925.65                                           | 6928.02                               | 2.37                                    | 15.09                   | 4.0                             | 14.0                               |



APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MKTF-14  | 6/29/2020     | 4.01                         | 6.21                                    | 2.20                      | 6919.44                     | 6925.65                                           | 6928.02                               | 2.37                                    | 15.09                   | 4.0                             | 14.0                               |
| MKTF-14  | 9/18/2020     | 3.81                         | 5.79                                    | 1.98                      | 6919.86                     | 6925.65                                           | 6928.02                               | 2.37                                    | 14.95                   | 4.0                             | 14.0                               |
| MKTF-14  | 11/10/2020    | 3.61                         | 3.91                                    | 0.30                      | 6921.74                     | 6925.65                                           | 6928.02                               | 2.37                                    | 14.95                   | 4.0                             | 14.0                               |
| MKTF-14  | 12/3/2020     | 4.42                         | 4.69                                    | 0.27                      | 6920.96                     | 6925.65                                           | 6928.02                               | 2.37                                    | 15.18                   | 4.0                             | 14.0                               |
| MKTF-14  | 1/28/2021     | 4.74                         | 5.04                                    | 0.30                      | 6920.61                     | 6925.65                                           | 6928.02                               | 2.37                                    | 15.18                   | 4.0                             | 14.0                               |
| MKTF-14  | 2/28/2021     | 4.27                         | 4.61                                    | 0.34                      | 6921.04                     | 6925.65                                           | 6928.02                               | 2.37                                    | 15.18                   | 4.0                             | 14.0                               |
| MKTF-14  | 3/31/2021     | 3.77                         | 3.89                                    | 0.12                      | 6921.76                     | 6925.65                                           | 6928.02                               | 2.37                                    | 15.18                   | 4.0                             | 14.0                               |
| MKTF-14  | 4/26/2021     | 3.74                         | 3.81                                    | 0.07                      | 6921.84                     | 6925.65                                           | 6928.02                               | 2.37                                    | 15.18                   | 4.0                             | 14.0                               |
| MKTF-14  | 5/20/2021     | 3.83                         | 3.94                                    | 0.11                      | 6921.71                     | 6925.65                                           | 6928.02                               | 2.37                                    | 15.18                   | 4.0                             | 14.0                               |
| MKTF-14  | 6/1/2021      | 3.44                         | 3.60                                    | 0.16                      | 6922.05                     | 6925.65                                           | 6928.02                               | 2.37                                    | 15.18                   | 4.0                             | 14.0                               |
| MKTF-14  | 9/7/2021      | 4.65                         | 4.82                                    | 0.17                      | 6920.83                     | 6925.65                                           | 6928.02                               | 2.37                                    | 15.18                   | 4.0                             | 14.0                               |
| MKTF-14  | 12/3/2021     | 4.80                         | 5.02                                    | 0.22                      | 6920.63                     | 6925.65                                           | 6928.02                               | 2.37                                    | 15.18                   | 4.0                             | 14.0                               |
| MKTF-14  | 1/10/2022     | 4.83                         | 5.07                                    | 0.24                      | 6920.58                     | 6925.65                                           | 6928.02                               | 2.37                                    | 15.18                   | 4.0                             | 14.0                               |
| MKTF-14  | 2/28/2022     | 4.75                         | 5.05                                    | 0.30                      | 6920.60                     | 6925.65                                           | 6928.02                               | 2.37                                    | 15.18                   | 4.0                             | 14.0                               |
| MKTF-14  | 3/1/2022      | 4.78                         | 4.99                                    | 0.21                      | 6920.66                     | 6925.65                                           | 6928.02                               | 2.37                                    | 15.18                   | 4.0                             | 14.0                               |
| MKTF-14  | 4/27/2022     | 4.91                         | 5.14                                    | 0.23                      | 6920.51                     | 6925.65                                           | 6928.02                               | 2.37                                    | 15.18                   | 4.0                             | 14.0                               |
| MKTF-14  | 5/2/2022      | 4.92                         | 5.17                                    | 0.25                      | 6920.48                     | 6925.65                                           | 6928.02                               | 2.37                                    | 15.18                   | 4.0                             | 14.0                               |
| MKTF-14  | 6/2/2022      | 4.88                         | 5.39                                    | 0.51                      | 6920.26                     | 6925.65                                           | 6928.02                               | 2.37                                    | 15.21                   | 4.0                             | 14.0                               |
| MKTF-14  | 7/6/2022      | 3.72                         | 3.98                                    | 0.26                      | 6921.67                     | 6925.65                                           | 6928.02                               | 2.37                                    | 15.22                   | 4.0                             | 14.0                               |
| MKTF-14  | 8/8/2022      | 4.60                         | 4.61                                    | 0.01                      | 6921.04                     | 6925.65                                           | 6928.02                               | 2.37                                    | 15.24                   | 4.0                             | 14.0                               |
| MKTF-14  | 9/1/2022      | 4.81                         | 4.92                                    | 0.11                      | 6920.73                     | 6925.65                                           | 6928.02                               | 2.37                                    | 15.24                   | 4.0                             | 14.0                               |
| MKTF-14  | 10/3/2022     | 4.61                         | 4.77                                    | 0.16                      | 6920.88                     | 6925.65                                           | 6928.02                               | 2.37                                    | 15.24                   | 4.0                             | 14.0                               |
| MKTF-14  | 11/2/2022     | 4.64                         | 4.78                                    | 0.14                      | 6920.87                     | 6925.65                                           | 6928.02                               | 2.37                                    | 15.24                   | 4.0                             | 14.0                               |
| MKTF-14  | 12/9/2022     | 5.04                         | 5.18                                    | 0.14                      | 6920.47                     | 6925.65                                           | 6928.02                               | 2.37                                    | 15.24                   | 4.0                             | 14.0                               |
| MKTF-15  | 1/13/2014     | ND                           | 14.14                                   | NA                        | 6929.60                     | 6943.74                                           | 6943.48                               | -0.26                                   | 19.74                   | 9.0                             | 19.0                               |
| MKTF-15  | 2/13/2014     | ND                           | 14.14                                   | NA                        | 6929.60                     | 6943.74                                           | 6943.48                               | -0.26                                   | 19.74                   | 9.0                             | 19.0                               |
| MKTF-15  | 3/11/2014     | ND                           | 14.12                                   | NA                        | 6929.62                     | 6943.74                                           | 6943.48                               | -0.26                                   | 19.74                   | 9.0                             | 19.0                               |
| MKTF-15  | 6/5/2014      | ND                           | 14.07                                   | NA                        | 6929.67                     | 6943.74                                           | 6943.48                               | -0.26                                   | 19.74                   | 9.0                             | 19.0                               |
| MKTF-15  | 9/15/2014     | ND                           | 13.97                                   | NA                        | 6929.77                     | 6943.74                                           | 6943.48                               | -0.26                                   | 19.74                   | 9.0                             | 19.0                               |
| MKTF-15  | 11/14/2014    | 13.76                        | 14.81                                   | 1.05                      | 6928.93                     | 6943.74                                           | 6943.48                               | -0.26                                   | 19.74                   | 9.0                             | 19.0                               |
| MKTF-15  | 3/16/2015     | 13.43                        | 14.18                                   | 0.75                      | 6929.56                     | 6943.74                                           | 6943.48                               | -0.26                                   | 19.74                   | 9.0                             | 19.0                               |
| MKTF-15  | 6/4/2015      | 13.46                        | 14.04                                   | 0.58                      | 6929.70                     | 6943.74                                           | 6943.48                               | -0.26                                   | 19.74                   | 9.0                             | 19.0                               |
| MKTF-15  | 8/18/2015     | 13.35                        | 13.60                                   | 0.25                      | 6930.14                     | 6943.74                                           | 6943.48                               | -0.26                                   | 19.74                   | 9.0                             | 19.0                               |
| MKTF-15  | 11/3/2015     | 13.16                        | 13.81                                   | 0.65                      | 6929.93                     | 6943.74                                           | 6943.48                               | -0.26                                   | 19.74                   | 9.0                             | 19.0                               |
| MKTF-15  | 3/16/2016     | 13.43                        | 14.18                                   | 0.75                      | 6929.56                     | 6943.74                                           | 6943.48                               | -0.26                                   | 19.74                   | 9.0                             | 19.0                               |
| MKTF-15  | 6/9/2016      | 12.86                        | 13.08                                   | 0.22                      | 6930.66                     | 6943.74                                           | 6943.48                               | -0.26                                   | 19.74                   | 9.0                             | 19.0                               |
| MKTF-15  | 9/11/2016     | ND                           | 13.26                                   | NA                        | 6930.48                     | 6943.74                                           | 6943.48                               | -0.26                                   | 19.74                   | 9.0                             | 19.0                               |
| MKTF-15  | 11/3/2016     | 13.16                        | 13.81                                   | 0.65                      | 6929.93                     | 6943.74                                           | 6943.48                               | -0.26                                   | 19.74                   | 9.0                             | 19.0                               |
| MKTF-15  | 3/2/2017      | ND                           | 12.41                                   | NA                        | 6931.33                     | 6943.74                                           | 6943.48                               | -0.26                                   | 19.74                   | 9.0                             | 19.0                               |
| MKTF-15  | 6/7/2017      | ND                           | 12.19                                   | NA                        | 6931.55                     | 6943.74                                           | 6943.48                               | -0.26                                   | 19.74                   | 9.0                             | 19.0                               |
| MKTF-15  | 9/26/2017     | 12.26                        | 12.36                                   | 0.10                      | 6931.38                     | 6943.74                                           | 6943.48                               | -0.26                                   | 19.74                   | 9.0                             | 19.0                               |
| MKTF-15  | 11/29/2017    | ND                           | 12.39                                   | NA                        | 6931.35                     | 6943.74                                           | 6943.48                               | -0.26                                   | 19.74                   | 9.0                             | 19.0                               |
| MKTF-15  | 2/8/2018      | 12.66                        | 12.73                                   | 0.07                      | 6931.01                     | 6943.74                                           | 6943.48                               | -0.26                                   | 19.74                   | 9.0                             | 19.0                               |
| MKTF-15  | 4/25/2018     | ND                           | 12.46                                   | NA                        | 6931.28                     | 6943.74                                           | 6943.48                               | -0.26                                   | 19.66                   | 9.0                             | 19.0                               |
| MKTF-15  | 8/16/2018     | ND                           | 12.66                                   | NA                        | 6931.08                     | 6943.74                                           | 6943.48                               | -0.26                                   | 19.76                   | 9.0                             | 19.0                               |
| MKTF-15  | 11/19/2018    | 12.83                        | 12.96                                   | 0.13                      | 6930.78                     | 6943.74                                           | 6943.48                               | -0.26                                   | 19.74                   | 9.0                             | 19.0                               |
| MKTF-15  | 3/25/2019     | 11.24                        | 11.26                                   | 0.02                      | 6932.48                     | 6943.74                                           | 6943.48                               | -0.26                                   | 19.74                   | 9.0                             | 19.0                               |
| MKTF-15  | 5/13/2019     | ND                           | 11.85                                   | NA                        | 6931.89                     | 6943.74                                           | 6943.48                               | -0.26                                   | 19.74                   | 9.0                             | 19.0                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MKTF-15  | 8/21/2019     | 12.28                        | 12.29                                   | 0.01                      | 6931.45                     | 6943.74                                           | 6943.48                               | -0.26                                   | 19.76                   | 9.0                             | 19.0                               |
| MKTF-15  | 10/30/2019    | 12.91                        | 12.96                                   | 0.05                      | 6930.78                     | 6943.74                                           | 6943.48                               | -0.26                                   | 19.74                   | 9.0                             | 19.0                               |
| MKTF-15  | 2/3/2020      | 13.28                        | 13.37                                   | 0.09                      | 6930.37                     | 6943.74                                           | 6943.48                               | -0.26                                   | 19.74                   | 9.0                             | 19.0                               |
| MKTF-15  | 6/26/2020     | 13.37                        | 13.43                                   | 0.06                      | 6930.31                     | 6943.74                                           | 6943.48                               | -0.26                                   | 19.74                   | 9.0                             | 19.0                               |
| MKTF-15  | 9/18/2020     | 13.26                        | 13.29                                   | 0.03                      | 6930.45                     | 6943.74                                           | 6943.48                               | -0.26                                   | 19.44                   | 9.0                             | 19.0                               |
| MKTF-15  | 11/10/2020    | 13.65                        | 13.86                                   | 0.21                      | 6929.88                     | 6943.74                                           | 6943.48                               | -0.26                                   | 19.78                   | 9.0                             | 19.0                               |
| MKTF-15  | 1/28/2021     | 13.80                        | 14.01                                   | 0.21                      | 6929.73                     | 6943.74                                           | 6943.48                               | -0.26                                   | 19.78                   | 9.0                             | 19.0                               |
| MKTF-15  | 2/28/2021     | 13.71                        | 13.78                                   | 0.07                      | 6929.96                     | 6943.74                                           | 6943.48                               | -0.26                                   | 19.79                   | 9.0                             | 19.0                               |
| MKTF-15  | 3/31/2021     | 13.65                        | 13.68                                   | 0.03                      | 6930.06                     | 6943.74                                           | 6943.48                               | -0.26                                   | 19.79                   | 9.0                             | 19.0                               |
| MKTF-15  | 4/26/2021     | 13.37                        | 13.58                                   | 0.21                      | 6930.16                     | 6943.74                                           | 6943.48                               | -0.26                                   | 19.79                   | 9.0                             | 19.0                               |
| MKTF-15  | 5/20/2021     | 13.77                        | 13.84                                   | 0.07                      | 6929.90                     | 6943.74                                           | 6943.48                               | -0.26                                   | 19.79                   | 9.0                             | 19.0                               |
| MKTF-15  | 6/1/2021      | 13.69                        | 13.73                                   | 0.04                      | 6930.01                     | 6943.74                                           | 6943.48                               | -0.26                                   | 19.79                   | 9.0                             | 19.0                               |
| MKTF-15  | 9/7/2021      | 13.55                        | 14.17                                   | 0.62                      | 6929.57                     | 6943.74                                           | 6943.48                               | -0.26                                   | 19.79                   | 9.0                             | 19.0                               |
| MKTF-15  | 12/3/2021     | 13.53                        | 14.22                                   | 0.69                      | 6929.52                     | 6943.74                                           | 6943.48                               | -0.26                                   | 19.79                   | 9.0                             | 19.0                               |
| MKTF-15  | 1/10/2022     | 13.38                        | 14.14                                   | 0.76                      | 6929.60                     | 6943.74                                           | 6943.48                               | -0.26                                   | 19.79                   | 9.0                             | 19.0                               |
| MKTF-15  | 2/28/2022     | 13.38                        | 14.13                                   | 0.75                      | 6929.61                     | 6943.74                                           | 6943.48                               | -0.26                                   | 19.79                   | 9.0                             | 19.0                               |
| MKTF-15  | 3/2/2022      | 13.56                        | 14.26                                   | 0.70                      | 6929.48                     | 6943.74                                           | 6943.48                               | -0.26                                   | 19.81                   | 9.0                             | 19.0                               |
| MKTF-15  | 4/27/2022     | 13.66                        | 15.61                                   | 1.95                      | 6928.13                     | 6943.74                                           | 6943.48                               | -0.26                                   | 19.81                   | 9.0                             | 19.0                               |
| MKTF-15  | 5/5/2022      | 13.59                        | 14.68                                   | 1.09                      | 6929.06                     | 6943.74                                           | 6943.48                               | -0.26                                   | 19.81                   | 9.0                             | 19.0                               |
| MKTF-15  | 6/2/2022      | 13.47                        | 14.11                                   | 0.64                      | 6929.63                     | 6943.74                                           | 6943.48                               | -0.26                                   | 19.87                   | 9.0                             | 19.0                               |
| MKTF-15  | 7/6/2022      | 12.21                        | 12.82                                   | 0.61                      | 6930.92                     | 6943.74                                           | 6943.48                               | -0.26                                   | 19.89                   | 9.0                             | 19.0                               |
| MKTF-15  | 8/8/2022      | 12.59                        | 13.16                                   | 0.57                      | 6930.58                     | 6943.74                                           | 6943.48                               | -0.26                                   | 19.92                   | 9.0                             | 19.0                               |
| MKTF-15  | 9/1/2022      | 13.80                        | 14.96                                   | 1.16                      | 6928.78                     | 6943.74                                           | 6943.48                               | -0.26                                   | 19.92                   | 9.0                             | 19.0                               |
| MKTF-15  | 10/3/2022     | 13.95                        | 14.75                                   | 0.80                      | 6928.99                     | 6943.74                                           | 6943.48                               | -0.26                                   | 19.92                   | 9.0                             | 19.0                               |
| MKTF-15  | 11/2/2022     | 13.96                        | 14.71                                   | 0.75                      | 6929.03                     | 6943.74                                           | 6943.48                               | -0.26                                   | 19.92                   | 9.0                             | 19.0                               |
| MKTF-15  | 12/6/2022     | 14.22                        | 14.85                                   | 0.63                      | 6928.89                     | 6943.74                                           | 6943.48                               | -0.26                                   | 19.92                   | 9.0                             | 19.0                               |
| MKTF-16  | 1/13/2014     | ND                           | 9.87                                    | NA                        | 6941.13                     | 6951.00                                           | 6950.58                               | -0.42                                   | 14.52                   | 4.0                             | 14.0                               |
| MKTF-16  | 2/13/2014     | ND                           | 10.05                                   | NA                        | 6940.95                     | 6951.00                                           | 6950.58                               | -0.42                                   | 14.52                   | 4.0                             | 14.0                               |
| MKTF-16  | 3/11/2014     | ND                           | 10.08                                   | NA                        | 6940.92                     | 6951.00                                           | 6950.58                               | -0.42                                   | 14.52                   | 4.0                             | 14.0                               |
| MKTF-16  | 6/5/2014      | ND                           | 10.94                                   | NA                        | 6940.06                     | 6951.00                                           | 6950.58                               | -0.42                                   | 14.52                   | 4.0                             | 14.0                               |
| MKTF-16  | 9/15/2014     | ND                           | 11.02                                   | NA                        | 6939.98                     | 6951.00                                           | 6950.58                               | -0.42                                   | 14.52                   | 4.0                             | 14.0                               |
| MKTF-16  | 11/18/2014    | ND                           | 12.08                                   | NA                        | 6938.92                     | 6951.00                                           | 6950.58                               | -0.42                                   | 14.52                   | 4.0                             | 14.0                               |
| MKTF-16  | 3/16/2015     | ND                           | 11.35                                   | NA                        | 6939.65                     | 6951.00                                           | 6950.58                               | -0.42                                   | 14.52                   | 4.0                             | 14.0                               |
| MKTF-16  | 6/8/2015      | ND                           | 9.28                                    | NA                        | 6941.72                     | 6951.00                                           | 6950.58                               | -0.42                                   | 14.52                   | 4.0                             | 14.0                               |
| MKTF-16  | 8/23/2015     | ND                           | 10.21                                   | NA                        | 6940.79                     | 6951.00                                           | 6950.58                               | -0.42                                   | 14.52                   | 4.0                             | 14.0                               |
| MKTF-16  | 11/3/2015     | ND                           | 9.91                                    | NA                        | 6941.09                     | 6951.00                                           | 6950.58                               | -0.42                                   | 14.52                   | 4.0                             | 14.0                               |
| MKTF-16  | 2/29/2016     | ND                           | 10.32                                   | NA                        | 6940.68                     | 6951.00                                           | 6950.58                               | -0.42                                   | 14.52                   | 4.0                             | 14.0                               |
| MKTF-16  | 6/8/2016      | ND                           | 10.00                                   | NA                        | 6941.00                     | 6951.00                                           | 6950.58                               | -0.42                                   | 14.52                   | 4.0                             | 14.0                               |
| MKTF-16  | 9/11/2016     | ND                           | 10.07                                   | NA                        | 6940.93                     | 6951.00                                           | 6950.58                               | -0.42                                   | 14.52                   | 4.0                             | 14.0                               |
| MKTF-16  | 11/3/2016     | ND                           | 9.91                                    | NA                        | 6941.09                     | 6951.00                                           | 6950.58                               | -0.42                                   | 14.52                   | 4.0                             | 14.0                               |
| MKTF-16  | 3/14/2017     | ND                           | 7.87                                    | NA                        | 6943.13                     | 6951.00                                           | 6950.58                               | -0.42                                   | 14.52                   | 4.0                             | 14.0                               |
| MKTF-16  | 6/7/2017      | ND                           | 8.08                                    | NA                        | 6942.92                     | 6951.00                                           | 6950.58                               | -0.42                                   | 14.52                   | 4.0                             | 14.0                               |
| MKTF-16  | 9/26/2017     | ND                           | 8.42                                    | NA                        | 6942.58                     | 6951.00                                           | 6950.58                               | -0.42                                   | 14.52                   | 4.0                             | 14.0                               |
| MKTF-16  | 11/28/2017    | ND                           | 8.64                                    | NA                        | 6942.36                     | 6951.00                                           | 6950.58                               | -0.42                                   | 14.52                   | 4.0                             | 14.0                               |
| MKTF-16  | 2/14/2018     | ND                           | 9.22                                    | NA                        | 6941.78                     | 6951.00                                           | 6950.58                               | -0.42                                   | 14.52                   | 4.0                             | 14.0                               |
| MKTF-16  | 4/25/2018     | ND                           | 8.77                                    | NA                        | 6942.23                     | 6951.00                                           | 6950.58                               | -0.42                                   | 14.38                   | 4.0                             | 14.0                               |
| MKTF-16  | 8/16/2018     | ND                           | 8.97                                    | NA                        | 6942.03                     | 6951.00                                           | 6950.58                               | -0.42                                   | 14.50                   | 4.0                             | 14.0                               |
| MKTF-16  | 11/29/2018    | ND                           | 9.96                                    | NA                        | 6941.04                     | 6951.00                                           | 6950.58                               | -0.42                                   | 14.52                   | 4.0                             | 14.0                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MKTF-16  | 2/20/2019     | ND                           | 7.47                                    | NA                        | 6943.53                     | 6951.00                                           | 6950.58                               | -0.42                                   | 14.52                   | 4.0                             | 14.0                               |
| MKTF-16  | 5/13/2019     | ND                           | 8.77                                    | NA                        | 6942.23                     | 6951.00                                           | 6950.58                               | -0.42                                   | 14.52                   | 4.0                             | 14.0                               |
| MKTF-16  | 8/21/2019     | ND                           | 9.64                                    | NA                        | 6941.36                     | 6951.00                                           | 6950.58                               | -0.42                                   | 14.50                   | 4.0                             | 14.0                               |
| MKTF-16  | 10/30/2019    | ND                           | 10.31                                   | NA                        | 6940.69                     | 6951.00                                           | 6950.58                               | -0.42                                   | 14.52                   | 4.0                             | 14.0                               |
| MKTF-16  | 2/5/2020      | ND                           | 10.10                                   | NA                        | 6940.90                     | 6951.00                                           | 6950.58                               | -0.42                                   | 14.52                   | 4.0                             | 14.0                               |
| MKTF-16  | 6/26/2020     | ND                           | 9.96                                    | NA                        | 6941.04                     | 6951.00                                           | 6950.58                               | -0.42                                   | 14.52                   | 4.0                             | 14.0                               |
| MKTF-16  | 9/18/2020     | 9.60                         | 9.61                                    | 0.01                      | 6941.39                     | 6951.00                                           | 6950.58                               | -0.42                                   | 11.34                   | 4.0                             | 14.0                               |
| MKTF-16  | 11/10/2020    | ND                           | 7.62                                    | NA                        | 6943.38                     | 6951.00                                           | 6950.58                               | -0.42                                   | 11.34                   | 4.0                             | 14.0                               |
| MKTF-16  | 12/8/2020     | ND                           | 10.12                                   | NA                        | 6940.88                     | 6951.00                                           | 6950.58                               | -0.42                                   | 11.37                   | 4.0                             | 14.0                               |
| MKTF-16  | 1/28/2021     | ND                           | 6.57                                    | NA                        | 6944.43                     | 6951.00                                           | 6950.58                               | -0.42                                   | 11.37                   | 4.0                             | 14.0                               |
| MKTF-16  | 2/28/2021     | ND                           | 9.26                                    | NA                        | 6941.74                     | 6951.00                                           | 6950.58                               | -0.42                                   | 11.37                   | 4.0                             | 14.0                               |
| MKTF-16  | 3/31/2021     | ND                           | 9.73                                    | NA                        | 6941.27                     | 6951.00                                           | 6950.58                               | -0.42                                   | 11.37                   | 4.0                             | 14.0                               |
| MKTF-16  | 4/26/2021     | ND                           | 9.93                                    | NA                        | 6941.07                     | 6951.00                                           | 6950.58                               | -0.42                                   | 11.37                   | 4.0                             | 14.0                               |
| MKTF-16  | 5/20/2021     | ND                           | 9.82                                    | NA                        | 6941.18                     | 6951.00                                           | 6950.58                               | -0.42                                   | 11.37                   | 4.0                             | 14.0                               |
| MKTF-16  | 6/1/2021      | ND                           | 9.70                                    | NA                        | 6941.30                     | 6951.00                                           | 6950.58                               | -0.42                                   | 11.37                   | 4.0                             | 14.0                               |
| MKTF-16  | 6/23/2021     | ND                           | Dry                                     | NA                        | Dry                         | 6951.00                                           | 6950.58                               | -0.42                                   | 11.37                   | 4.0                             | 14.0                               |
| MKTF-16  | 9/8/2021      | ND                           | 9.12                                    | NA                        | 6941.88                     | 6951.00                                           | 6950.58                               | -0.42                                   | 11.37                   | 4.0                             | 14.0                               |
| MKTF-16  | 12/21/2021    | ND                           | 8.87                                    | NA                        | 6942.13                     | 6951.00                                           | 6950.58                               | -0.42                                   | 11.37                   | 4.0                             | 14.0                               |
| MKTF-16  | 1/10/2022     | ND                           | 8.82                                    | NA                        | 6942.18                     | 6951.00                                           | 6950.58                               | -0.42                                   | 11.34                   | 4.0                             | 14.0                               |
| MKTF-16  | 2/28/2022     | ND                           | 9.05                                    | NA                        | 6941.95                     | 6951.00                                           | 6950.58                               | -0.42                                   | 11.34                   | 4.0                             | 14.0                               |
| MKTF-16  | 3/2/2022      | ND                           | 8.84                                    | NA                        | 6942.16                     | 6951.00                                           | 6950.58                               | -0.42                                   | 11.34                   | 4.0                             | 14.0                               |
| MKTF-16  | 4/27/2022     | ND                           | 10.24                                   | NA                        | 6940.76                     | 6951.00                                           | 6950.58                               | -0.42                                   | 11.34                   | 4.0                             | 14.0                               |
| MKTF-16  | 5/5/2022      | ND                           | 9.06                                    | NA                        | 6941.94                     | 6951.00                                           | 6950.58                               | -0.42                                   | 11.34                   | 4.0                             | 14.0                               |
| MKTF-16  | 6/1/2022      | ND                           | 8.25                                    | NA                        | 6942.75                     | 6951.00                                           | 6950.58                               | -0.42                                   | 11.36                   | 4.0                             | 14.0                               |
| MKTF-16  | 7/6/2022      | ND                           | 8.29                                    | NA                        | 6942.71                     | 6951.00                                           | 6950.58                               | -0.42                                   | 11.37                   | 4.0                             | 14.0                               |
| MKTF-16  | 8/8/2022      | ND                           | 8.46                                    | NA                        | 6942.54                     | 6951.00                                           | 6950.58                               | -0.42                                   | 11.38                   | 4.0                             | 14.0                               |
| MKTF-16  | 9/2/2022      | ND                           | 8.22                                    | NA                        | 6942.78                     | 6951.00                                           | 6950.58                               | -0.42                                   | 11.36                   | 4.0                             | 14.0                               |
| MKTF-16  | 10/3/2022     | ND                           | 8.28                                    | NA                        | 6942.72                     | 6951.00                                           | 6950.58                               | -0.42                                   | 11.36                   | 4.0                             | 14.0                               |
| MKTF-16  | 11/2/2022     | ND                           | 8.26                                    | NA                        | 6942.74                     | 6951.00                                           | 6950.58                               | -0.42                                   | 11.36                   | 4.0                             | 14.0                               |
| MKTF-16  | 12/6/2022     | ND                           | 10.74                                   | NA                        | 6940.26                     | 6951.00                                           | 6950.58                               | -0.42                                   | 11.34                   | 4.0                             | 14.0                               |
| MKTF-17  | 1/13/2014     | ND                           | 8.84                                    | NA                        | 6936.95                     | 6945.79                                           | 6945.76                               | -0.03                                   | 24.14                   | 14.0                            | 24.0                               |
| MKTF-17  | 2/13/2014     | ND                           | 9.84                                    | NA                        | 6935.95                     | 6945.79                                           | 6945.76                               | -0.03                                   | 24.14                   | 14.0                            | 24.0                               |
| MKTF-17  | 3/11/2014     | ND                           | 10.03                                   | NA                        | 6935.76                     | 6945.79                                           | 6945.76                               | -0.03                                   | 24.14                   | 14.0                            | 24.0                               |
| MKTF-17  | 6/6/2014      | ND                           | 11.31                                   | NA                        | 6934.48                     | 6945.79                                           | 6945.76                               | -0.03                                   | 24.14                   | 14.0                            | 24.0                               |
| MKTF-17  | 9/15/2014     | ND                           | 11.30                                   | NA                        | 6934.49                     | 6945.79                                           | 6945.76                               | -0.03                                   | 24.14                   | 14.0                            | 24.0                               |
| MKTF-17  | 11/18/2014    | ND                           | 12.78                                   | NA                        | 6933.01                     | 6945.79                                           | 6945.76                               | -0.03                                   | 24.14                   | 14.0                            | 24.0                               |
| MKTF-17  | 3/12/2015     | ND                           | 12.84                                   | NA                        | 6932.95                     | 6945.79                                           | 6945.76                               | -0.03                                   | 24.14                   | 14.0                            | 24.0                               |
| MKTF-17  | 6/8/2015      | ND                           | 13.43                                   | NA                        | 6932.36                     | 6945.79                                           | 6945.76                               | -0.03                                   | 24.14                   | 14.0                            | 24.0                               |
| MKTF-17  | 8/18/2015     | ND                           | 12.01                                   | NA                        | 6933.78                     | 6945.79                                           | 6945.76                               | -0.03                                   | 24.14                   | 14.0                            | 24.0                               |
| MKTF-17  | 11/3/2015     | ND                           | 12.37                                   | NA                        | 6933.42                     | 6945.79                                           | 6945.76                               | -0.03                                   | 24.14                   | 14.0                            | 24.0                               |
| MKTF-17  | 2/25/2016     | ND                           | 11.85                                   | NA                        | 6933.94                     | 6945.79                                           | 6945.76                               | -0.03                                   | 24.14                   | 14.0                            | 24.0                               |
| MKTF-17  | 6/10/2016     | ND                           | 11.33                                   | NA                        | 6934.46                     | 6945.79                                           | 6945.76                               | -0.03                                   | 24.14                   | 14.0                            | 24.0                               |
| MKTF-17  | 9/12/2016     | ND                           | 12.43                                   | NA                        | 6933.36                     | 6945.79                                           | 6945.76                               | -0.03                                   | 24.14                   | 14.0                            | 24.0                               |
| MKTF-17  | 11/3/2016     | ND                           | 12.37                                   | NA                        | 6933.42                     | 6945.79                                           | 6945.76                               | -0.03                                   | 24.14                   | 14.0                            | 24.0                               |
| MKTF-17  | 3/8/2017      | ND                           | 8.23                                    | NA                        | 6937.56                     | 6945.79                                           | 6945.76                               | -0.03                                   | 24.14                   | 14.0                            | 24.0                               |
| MKTF-17  | 6/14/2017     | ND                           | 10.01                                   | NA                        | 6935.78                     | 6945.79                                           | 6945.76                               | -0.03                                   | 24.14                   | 14.0                            | 24.0                               |
| MKTF-17  | 9/26/2017     | ND                           | 9.36                                    | NA                        | 6936.43                     | 6945.79                                           | 6945.76                               | -0.03                                   | 24.14                   | 14.0                            | 24.0                               |
| MKTF-17  | 11/30/2017    | ND                           | 13.71                                   | NA                        | 6932.08                     | 6945.79                                           | 6945.76                               | -0.03                                   | 24.68                   | 14.0                            | 24.0                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MKTF-17  | 2/15/2018     | ND                           | 11.68                                   | NA                        | 6934.11                     | 6945.79                                           | 6945.76                               | -0.03                                   | 24.71                   | 14.0                            | 24.0                               |
| MKTF-17  | 4/26/2018     | ND                           | 12.31                                   | NA                        | 6933.48                     | 6945.79                                           | 6945.76                               | -0.03                                   | 24.58                   | 14.0                            | 24.0                               |
| MKTF-17  | 8/15/2018     | ND                           | 12.53                                   | NA                        | 6933.26                     | 6945.79                                           | 6945.76                               | -0.03                                   | 24.71                   | 14.0                            | 24.0                               |
| MKTF-17  | 11/27/2018    | ND                           | 13.68                                   | NA                        | 6932.11                     | 6945.79                                           | 6945.76                               | -0.03                                   | 24.68                   | 14.0                            | 24.0                               |
| MKTF-17  | 3/25/2019     | ND                           | 10.73                                   | NA                        | 6935.06                     | 6945.79                                           | 6945.76                               | -0.03                                   | 24.14                   | 14.0                            | 24.0                               |
| MKTF-17  | 5/9/2019      | ND                           | 14.08                                   | NA                        | 6931.71                     | 6945.79                                           | 6945.76                               | -0.03                                   | 24.14                   | 14.0                            | 24.0                               |
| MKTF-17  | 8/19/2019     | ND                           | 10.82                                   | NA                        | 6934.97                     | 6945.79                                           | 6945.76                               | -0.03                                   | 24.71                   | 14.0                            | 24.0                               |
| MKTF-17  | 10/28/2019    | ND                           | 9.03                                    | NA                        | 6936.76                     | 6945.79                                           | 6945.76                               | -0.03                                   | 24.68                   | 14.0                            | 24.0                               |
| MKTF-17  | 10/29/2019    | ND                           | 15.23                                   | NA                        | 6930.56                     | 6945.79                                           | 6945.76                               | -0.03                                   | 24.68                   | 14.0                            | 24.0                               |
| MKTF-17  | 11/12/2019    | ND                           | 11.89                                   | NA                        | 6933.90                     | 6945.79                                           | 6945.76                               | -0.03                                   | 24.68                   | 14.0                            | 24.0                               |
| MKTF-17  | 11/19/2019    | 12.38                        | 13.98                                   | 1.60                      | 6931.81                     | 6945.79                                           | 6945.76                               | -0.03                                   | 24.68                   | 14.0                            | 24.0                               |
| MKTF-17  | 11/21/2019    | 12.45                        | 15.33                                   | 2.88                      | 6930.46                     | 6945.79                                           | 6945.76                               | -0.03                                   | 24.68                   | 14.0                            | 24.0                               |
| MKTF-17  | 12/2/2019     | 13.20                        | 18.08                                   | 4.88                      | 6927.71                     | 6945.79                                           | 6945.76                               | -0.03                                   | 24.68                   | 14.0                            | 24.0                               |
| MKTF-17  | 2/3/2020      | 11.47                        | 16.88                                   | 5.41                      | 6928.91                     | 6945.79                                           | 6945.76                               | -0.03                                   | 24.14                   | 14.0                            | 24.0                               |
| MKTF-17  | 6/29/2020     | 10.22                        | 15.53                                   | 5.31                      | 6930.26                     | 6945.79                                           | 6945.76                               | -0.03                                   | 24.14                   | 14.0                            | 24.0                               |
| MKTF-17  | 9/14/2020     | 10.03                        | 15.40                                   | 5.37                      | 6930.39                     | 6945.79                                           | 6945.76                               | -0.03                                   | 24.70                   | 14.0                            | 24.0                               |
| MKTF-17  | 11/10/2020    | 11.42                        | 11.62                                   | 0.20                      | 6934.17                     | 6945.79                                           | 6945.76                               | -0.03                                   | 24.70                   | 14.0                            | 24.0                               |
| MKTF-17  | 12/4/2020     | 11.31                        | 11.50                                   | 0.19                      | 6934.29                     | 6945.79                                           | 6945.76                               | -0.03                                   | 24.69                   | 14.0                            | 24.0                               |
| MKTF-17  | 1/28/2021     | 11.91                        | 11.93                                   | 0.02                      | 6933.86                     | 6945.79                                           | 6945.76                               | -0.03                                   | 24.68                   | 14.0                            | 24.0                               |
| MKTF-17  | 2/28/2021     | 11.91                        | 11.93                                   | 0.02                      | 6933.86                     | 6945.79                                           | 6945.76                               | -0.03                                   | 24.73                   | 14.0                            | 24.0                               |
| MKTF-17  | 3/31/2021     | 12.09                        | 12.12                                   | 0.03                      | 6933.67                     | 6945.79                                           | 6945.76                               | -0.03                                   | 24.73                   | 14.0                            | 24.0                               |
| MKTF-17  | 4/26/2021     | 15.00                        | 15.02                                   | 0.02                      | 6930.77                     | 6945.79                                           | 6945.76                               | -0.03                                   | 24.73                   | 14.0                            | 24.0                               |
| MKTF-17  | 5/20/2021     | 15.06                        | 15.09                                   | 0.03                      | 6930.70                     | 6945.79                                           | 6945.76                               | -0.03                                   | 24.73                   | 14.0                            | 24.0                               |
| MKTF-17  | 6/1/2021      | 15.13                        | 15.18                                   | 0.05                      | 6930.61                     | 6945.79                                           | 6945.76                               | -0.03                                   | 24.73                   | 14.0                            | 24.0                               |
| MKTF-17R | 8/30/2021     | ND                           | 12.34                                   | NA                        | NA                          | 6950.61                                           | NA                                    | -0.41                                   | NA                      | 5.0                             | 20.0                               |
| MKTF-17R | 12/3/2021     | ND                           | 12.80                                   | NA                        | 6937.81                     | 6950.61                                           | 6950.20                               | -0.41                                   | NA                      | 5.0                             | 20.0                               |
| MKTF-17R | 1/10/2022     | ND                           | 12.72                                   | NA                        | 6937.89                     | 6950.61                                           | 6950.20                               | -0.41                                   | 20.91                   | 5.0                             | 20.0                               |
| MKTF-17R | 2/28/2022     | ND                           | 12.71                                   | NA                        | 6937.90                     | 6950.61                                           | 6950.20                               | -0.41                                   | 20.91                   | 5.0                             | 20.0                               |
| MKTF-17R | 3/1/2022      | ND                           | 12.76                                   | NA                        | 6937.85                     | 6950.61                                           | 6950.20                               | -0.41                                   | 20.91                   | 5.0                             | 20.0                               |
| MKTF-17R | 4/27/2022     | ND                           | 13.82                                   | NA                        | 6936.79                     | 6950.61                                           | 6950.20                               | -0.41                                   | 20.91                   | 5.0                             | 20.0                               |
| MKTF-17R | 5/4/2022      | 13.39                        | 13.86                                   | 0.47                      | 6936.75                     | 6950.61                                           | 6950.20                               | -0.41                                   | 20.91                   | 5.0                             | 20.0                               |
| MKTF-17R | 6/1/2022      | 13.64                        | 13.84                                   | 0.20                      | 6936.77                     | 6950.61                                           | 6950.20                               | -0.41                                   | 20.91                   | 5.0                             | 20.0                               |
| MKTF-17R | 7/6/2022      | 13.65                        | 13.88                                   | 0.23                      | 6936.73                     | 6950.61                                           | 6950.20                               | -0.41                                   | 20.91                   | 5.0                             | 20.0                               |
| MKTF-17R | 8/8/2022      | 13.42                        | 13.59                                   | 0.17                      | 6937.02                     | 6950.61                                           | 6950.20                               | -0.41                                   | 20.91                   | 5.0                             | 20.0                               |
| MKTF-17R | 9/5/2022      | 13.34                        | 13.54                                   | 0.20                      | 6937.07                     | 6950.61                                           | 6950.20                               | -0.41                                   | 20.91                   | 5.0                             | 20.0                               |
| MKTF-17R | 10/3/2022     | 13.03                        | 13.18                                   | 0.15                      | 6937.43                     | 6950.61                                           | 6950.20                               | -0.41                                   | 20.91                   | 5.0                             | 20.0                               |
| MKTF-17R | 11/2/2022     | 13.03                        | 13.20                                   | 0.17                      | 6937.41                     | 6950.61                                           | 6950.20                               | -0.41                                   | 20.91                   | 5.0                             | 20.0                               |
| MKTF-17R | 12/6/2022     | 12.91                        | 13.01                                   | 0.10                      | 6937.60                     | 6950.61                                           | 6950.20                               | -0.41                                   | 20.91                   | 5.0                             | 20.0                               |
| MKTF-18  | 1/13/2014     | ND                           | 8.65                                    | NA                        | 6942.32                     | 6950.97                                           | 6950.65                               | -0.32                                   | 25.70                   | 17.0                            | 27.0                               |
| MKTF-18  | 2/13/2014     | ND                           | 8.65                                    | NA                        | 6942.32                     | 6950.97                                           | 6950.65                               | -0.32                                   | 25.70                   | 17.0                            | 27.0                               |
| MKTF-18  | 3/11/2014     | ND                           | 8.41                                    | NA                        | 6942.56                     | 6950.97                                           | 6950.65                               | -0.32                                   | 25.70                   | 17.0                            | 27.0                               |
| MKTF-18  | 6/6/2014      | ND                           | 8.77                                    | NA                        | 6942.20                     | 6950.97                                           | 6950.65                               | -0.32                                   | 25.70                   | 17.0                            | 27.0                               |
| MKTF-18  | 9/15/2014     | ND                           | 9.13                                    | NA                        | 6941.84                     | 6950.97                                           | 6950.65                               | -0.32                                   | 25.70                   | 17.0                            | 27.0                               |
| MKTF-18  | 11/18/2014    | ND                           | 9.78                                    | NA                        | 6941.19                     | 6950.97                                           | 6950.65                               | -0.32                                   | 25.70                   | 17.0                            | 27.0                               |
| MKTF-18  | 3/17/2015     | ND                           | 9.24                                    | NA                        | 6941.73                     | 6950.97                                           | 6950.65                               | -0.32                                   | 25.70                   | 17.0                            | 27.0                               |
| MKTF-18  | 6/8/2015      | ND                           | 9.18                                    | NA                        | 6941.79                     | 6950.97                                           | 6950.65                               | -0.32                                   | 25.70                   | 17.0                            | 27.0                               |
| MKTF-18  | 8/18/2015     | ND                           | 9.15                                    | NA                        | 6941.82                     | 6950.97                                           | 6950.65                               | -0.32                                   | 25.70                   | 17.0                            | 27.0                               |
| MKTF-18  | 11/3/2015     | ND                           | 8.84                                    | NA                        | 6942.13                     | 6950.97                                           | 6950.65                               | -0.32                                   | 25.70                   | 17.0                            | 27.0                               |



APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MKTF-18  | 2/26/2016     | ND                           | 8.66                                    | NA                        | 6942.31                     | 6950.97                                           | 6950.65                               | -0.32                                   | 25.70                   | 17.0                            | 27.0                               |
| MKTF-18  | 6/10/2016     | ND                           | 12.17                                   | NA                        | 6938.80                     | 6950.97                                           | 6950.65                               | -0.32                                   | 25.70                   | 17.0                            | 27.0                               |
| MKTF-18  | 9/12/2016     | ND                           | 8.07                                    | NA                        | 6942.90                     | 6950.97                                           | 6950.65                               | -0.32                                   | 25.70                   | 17.0                            | 27.0                               |
| MKTF-18  | 11/3/2016     | ND                           | 8.84                                    | NA                        | 6942.13                     | 6950.97                                           | 6950.65                               | -0.32                                   | 25.70                   | 17.0                            | 27.0                               |
| MKTF-18  | 3/1/2017      | ND                           | 8.13                                    | NA                        | 6942.84                     | 6950.97                                           | 6950.65                               | -0.32                                   | 25.70                   | 17.0                            | 27.0                               |
| MKTF-18  | 6/14/2017     | ND                           | 6.62                                    | NA                        | 6944.35                     | 6950.97                                           | 6950.65                               | -0.32                                   | 25.70                   | 17.0                            | 27.0                               |
| MKTF-18  | 9/27/2017     | 6.67                         | 6.69                                    | 0.02                      | 6944.28                     | 6950.97                                           | 6950.65                               | -0.32                                   | 25.70                   | 17.0                            | 27.0                               |
| MKTF-18  | 11/30/2017    | 6.61                         | 6.62                                    | 0.01                      | 6944.35                     | 6950.97                                           | 6950.65                               | -0.32                                   | 25.70                   | 17.0                            | 27.0                               |
| MKTF-18  | 2/15/2018     | ND                           | 6.79                                    | NA                        | 6944.18                     | 6950.97                                           | 6950.65                               | -0.32                                   | 27.12                   | 17.0                            | 27.0                               |
| MKTF-18  | 4/26/2018     | ND                           | 8.54                                    | NA                        | 6942.43                     | 6950.97                                           | 6950.65                               | -0.32                                   | 27.02                   | 17.0                            | 27.0                               |
| MKTF-18  | 8/16/2018     | ND                           | 7.44                                    | NA                        | 6943.53                     | 6950.97                                           | 6950.65                               | -0.32                                   | 27.77                   | 17.0                            | 27.0                               |
| MKTF-18  | 11/27/2018    | ND                           | 8.26                                    | NA                        | 6942.71                     | 6950.97                                           | 6950.65                               | -0.32                                   | 25.70                   | 17.0                            | 27.0                               |
| MKTF-18  | 3/25/2019     | ND                           | 7.64                                    | NA                        | 6943.33                     | 6950.97                                           | 6950.65                               | -0.32                                   | 25.70                   | 17.0                            | 27.0                               |
| MKTF-18  | 5/16/2019     | ND                           | 7.86                                    | NA                        | 6943.11                     | 6950.97                                           | 6950.65                               | -0.32                                   | 25.70                   | 17.0                            | 27.0                               |
| MKTF-18  | 8/19/2019     | 8.03                         | 8.04                                    | 0.01                      | 6942.93                     | 6950.97                                           | 6950.65                               | -0.32                                   | 27.77                   | 17.0                            | 27.0                               |
| MKTF-18  | 10/28/2019    | ND                           | 8.11                                    | NA                        | 6942.86                     | 6950.97                                           | 6950.65                               | -0.32                                   | 25.70                   | 17.0                            | 27.0                               |
| MKTF-18  | 10/29/2019    | ND                           | 8.62                                    | NA                        | 6942.35                     | 6950.97                                           | 6950.65                               | -0.32                                   | 25.70                   | 17.0                            | 27.0                               |
| MKTF-18  | 11/12/2019    | ND                           | 8.51                                    | NA                        | 6942.46                     | 6950.97                                           | 6950.65                               | -0.32                                   | 25.70                   | 17.0                            | 27.0                               |
| MKTF-18  | 2/5/2020      | ND                           | 9.42                                    | NA                        | 6941.55                     | 6950.97                                           | 6950.65                               | -0.32                                   | 25.70                   | 17.0                            | 27.0                               |
| MKTF-18  | 6/30/2020     | ND                           | 9.30                                    | NA                        | 6941.67                     | 6950.97                                           | 6950.65                               | -0.32                                   | 25.70                   | 17.0                            | 27.0                               |
| MKTF-18  | 9/18/2020     | 8.81                         | 8.82                                    | 0.01                      | 6942.15                     | 6950.97                                           | 6950.65                               | -0.32                                   | 22.05                   | 17.0                            | 27.0                               |
| MKTF-18  | 11/10/2020    | ND                           | 9.06                                    | NA                        | 6941.91                     | 6950.97                                           | 6950.65                               | -0.32                                   | 22.05                   | 17.0                            | 27.0                               |
| MKTF-18  | 12/4/2020     | ND                           | 9.12                                    | NA                        | 6941.85                     | 6950.97                                           | 6950.65                               | -0.32                                   | 25.82                   | 17.0                            | 27.0                               |
| MKTF-18  | 1/28/2021     | ND                           | 9.60                                    | NA                        | 6941.37                     | 6950.97                                           | 6950.65                               | -0.32                                   | 25.82                   | 17.0                            | 27.0                               |
| MKTF-18  | 2/28/2021     | ND                           | 9.40                                    | NA                        | 6941.57                     | 6950.97                                           | 6950.65                               | -0.32                                   | 27.87                   | 17.0                            | 27.0                               |
| MKTF-18  | 3/31/2021     | ND                           | 9.62                                    | NA                        | 6941.35                     | 6950.97                                           | 6950.65                               | -0.32                                   | 27.87                   | 17.0                            | 27.0                               |
| MKTF-18  | 4/26/2021     | ND                           | 9.55                                    | NA                        | 6941.42                     | 6950.97                                           | 6950.65                               | -0.32                                   | 27.87                   | 17.0                            | 27.0                               |
| MKTF-18  | 5/20/2021     | ND                           | 9.57                                    | NA                        | 6941.40                     | 6950.97                                           | 6950.65                               | -0.32                                   | 27.87                   | 17.0                            | 27.0                               |
| MKTF-18  | 6/1/2021      | ND                           | 9.53                                    | NA                        | 6941.44                     | 6950.97                                           | 6950.65                               | -0.32                                   | 27.87                   | 17.0                            | 27.0                               |
| MKTF-18R | 8/30/2021     | ND                           | 10.00                                   | NA                        | NA                          | 6955.29                                           | NA                                    | -0.42                                   | NA                      | 5.0                             | 25.0                               |
| MKTF-18R | 12/1/2021     | ND                           | 10.62                                   | NA                        | 6944.67                     | 6955.29                                           | 6954.87                               | -0.42                                   | NA                      | 5.0                             | 25.0                               |
| MKTF-18R | 1/10/2022     | ND                           | 10.75                                   | NA                        | 6944.54                     | 6955.29                                           | 6954.87                               | -0.42                                   | 25.92                   | 5.0                             | 25.0                               |
| MKTF-18R | 2/28/2022     | ND                           | 10.75                                   | NA                        | 6944.54                     | 6955.29                                           | 6954.87                               | -0.42                                   | 25.92                   | 5.0                             | 25.0                               |
| MKTF-18R | 3/1/2022      | ND                           | 10.59                                   | NA                        | 6944.70                     | 6955.29                                           | 6954.87                               | -0.42                                   | 25.92                   | 5.0                             | 25.0                               |
| MKTF-18R | 4/27/2022     | ND                           | 11.20                                   | NA                        | 6944.09                     | 6955.29                                           | 6954.87                               | -0.42                                   | 25.92                   | 5.0                             | 25.0                               |
| MKTF-18R | 5/5/2022      | ND                           | 11.33                                   | NA                        | 6943.96                     | 6955.29                                           | 6954.87                               | -0.42                                   | 25.92                   | 5.0                             | 25.0                               |
| MKTF-18R | 6/1/2022      | ND                           | 11.55                                   | NA                        | 6943.74                     | 6955.29                                           | 6954.87                               | -0.42                                   | 25.89                   | 5.0                             | 25.0                               |
| MKTF-18R | 7/6/2022      | ND                           | 11.19                                   | NA                        | 6944.10                     | 6955.29                                           | 6954.87                               | -0.42                                   | 25.88                   | 5.0                             | 25.0                               |
| MKTF-18R | 8/8/2022      | ND                           | 11.76                                   | NA                        | 6943.53                     | 6955.29                                           | 6954.87                               | -0.42                                   | 25.87                   | 5.0                             | 25.0                               |
| MKTF-18R | 9/1/2022      | ND                           | 11.27                                   | NA                        | 6944.02                     | 6955.29                                           | 6954.87                               | -0.42                                   | 25.89                   | 5.0                             | 25.0                               |
| MKTF-18R | 10/3/2022     | ND                           | 11.34                                   | NA                        | 6943.95                     | 6955.29                                           | 6954.87                               | -0.42                                   | 25.89                   | 5.0                             | 25.0                               |
| MKTF-18R | 11/2/2022     | ND                           | 11.32                                   | NA                        | 6943.97                     | 6955.29                                           | 6954.87                               | -0.42                                   | 25.89                   | 5.0                             | 25.0                               |
| MKTF-18R | 12/5/2022     | ND                           | 11.12                                   | NA                        | 6944.17                     | 6955.29                                           | 6954.87                               | -0.42                                   | 25.88                   | 5.0                             | 25.0                               |
| MKTF-19  | 6/4/2014      | ND                           | 12.13                                   | NA                        | 6932.76                     | 6944.89                                           | 6944.67                               | -0.22                                   | 17.69                   | 10.0                            | 20.0                               |
| MKTF-19  | 9/24/2014     | ND                           | 12.69                                   | NA                        | 6932.20                     | 6944.89                                           | 6944.67                               | -0.22                                   | 17.69                   | 10.0                            | 20.0                               |
| MKTF-19  | 11/18/2014    | ND                           | 13.98                                   | NA                        | 6930.91                     | 6944.89                                           | 6944.67                               | -0.22                                   | 17.69                   | 10.0                            | 20.0                               |
| MKTF-19  | 3/12/2015     | ND                           | 13.17                                   | NA                        | 6931.72                     | 6944.89                                           | 6944.67                               | -0.22                                   | 17.69                   | 10.0                            | 20.0                               |
| MKTF-19  | 6/8/2015      | ND                           | 12.98                                   | NA                        | 6931.91                     | 6944.89                                           | 6944.67                               | -0.22                                   | 17.69                   | 10.0                            | 20.0                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MKTF-19  | 8/18/2015     | ND                           | 12.82                                   | NA                        | 6932.07                     | 6944.89                                           | 6944.67                               | -0.22                                   | 17.69                   | 10.0                            | 20.0                               |
| MKTF-19  | 11/3/2015     | ND                           | 13.06                                   | NA                        | 6931.83                     | 6944.89                                           | 6944.67                               | -0.22                                   | 17.69                   | 10.0                            | 20.0                               |
| MKTF-19  | 2/25/2016     | ND                           | 12.84                                   | NA                        | 6932.05                     | 6944.89                                           | 6944.67                               | -0.22                                   | 17.69                   | 10.0                            | 20.0                               |
| MKTF-19  | 6/10/2016     | ND                           | 12.12                                   | NA                        | 6932.77                     | 6944.89                                           | 6944.67                               | -0.22                                   | 17.69                   | 10.0                            | 20.0                               |
| MKTF-19  | 9/12/2016     | ND                           | 11.47                                   | NA                        | 6933.42                     | 6944.89                                           | 6944.67                               | -0.22                                   | 17.69                   | 10.0                            | 20.0                               |
| MKTF-19  | 11/3/2016     | ND                           | 13.06                                   | NA                        | 6931.83                     | 6944.89                                           | 6944.67                               | -0.22                                   | 17.69                   | 10.0                            | 20.0                               |
| MKTF-19  | 3/8/2017      | ND                           | 10.04                                   | NA                        | 6934.85                     | 6944.89                                           | 6944.67                               | -0.22                                   | 17.69                   | 10.0                            | 20.0                               |
| MKTF-19  | 6/14/2017     | ND                           | 10.80                                   | NA                        | 6934.09                     | 6944.89                                           | 6944.67                               | -0.22                                   | 17.69                   | 10.0                            | 20.0                               |
| MKTF-19  | 9/26/2017     | ND                           | 11.22                                   | NA                        | 6933.67                     | 6944.89                                           | 6944.67                               | -0.22                                   | 17.69                   | 10.0                            | 20.0                               |
| MKTF-19  | 11/30/2017    | ND                           | 11.92                                   | NA                        | 6932.97                     | 6944.89                                           | 6944.67                               | -0.22                                   | 18.42                   | 10.0                            | 20.0                               |
| MKTF-19  | 2/15/2018     | ND                           | 12.22                                   | NA                        | 6932.67                     | 6944.89                                           | 6944.67                               | -0.22                                   | 18.67                   | 10.0                            | 20.0                               |
| MKTF-19  | 4/26/2018     | ND                           | 12.27                                   | NA                        | 6932.62                     | 6944.89                                           | 6944.67                               | -0.22                                   | 18.41                   | 10.0                            | 20.0                               |
| MKTF-19  | 8/15/2018     | ND                           | 12.42                                   | NA                        | 6932.47                     | 6944.89                                           | 6944.67                               | -0.22                                   | 19.52                   | 10.0                            | 20.0                               |
| MKTF-19  | 11/27/2018    | ND                           | 12.59                                   | NA                        | 6932.30                     | 6944.89                                           | 6944.67                               | -0.22                                   | 18.42                   | 10.0                            | 20.0                               |
| MKTF-19  | 3/25/2019     | ND                           | 11.62                                   | NA                        | 6933.27                     | 6944.89                                           | 6944.67                               | -0.22                                   | 17.69                   | 10.0                            | 20.0                               |
| MKTF-19  | 5/9/2019      | ND                           | 11.53                                   | NA                        | 6933.36                     | 6944.89                                           | 6944.67                               | -0.22                                   | 17.69                   | 10.0                            | 20.0                               |
| MKTF-19  | 8/19/2019     | ND                           | 11.28                                   | NA                        | 6933.61                     | 6944.89                                           | 6944.67                               | -0.22                                   | 19.52                   | 10.0                            | 20.0                               |
| MKTF-19  | 10/28/2019    | ND                           | 11.13                                   | NA                        | 6933.76                     | 6944.89                                           | 6944.67                               | -0.22                                   | 18.42                   | 10.0                            | 20.0                               |
| MKTF-19  | 10/29/2019    | ND                           | 15.98                                   | NA                        | 6928.91                     | 6944.89                                           | 6944.67                               | -0.22                                   | 18.42                   | 10.0                            | 20.0                               |
| MKTF-19  | 11/12/2019    | ND                           | 11.07                                   | NA                        | 6933.82                     | 6944.89                                           | 6944.67                               | -0.22                                   | 18.42                   | 10.0                            | 20.0                               |
| MKTF-19  | 11/19/2019    | ND                           | 11.12                                   | NA                        | 6933.77                     | 6944.89                                           | 6944.67                               | -0.22                                   | 18.42                   | 10.0                            | 20.0                               |
| MKTF-19  | 11/21/2019    | ND                           | 11.27                                   | NA                        | 6933.62                     | 6944.89                                           | 6944.67                               | -0.22                                   | 18.42                   | 10.0                            | 20.0                               |
| MKTF-19  | 12/2/2019     | 11.85                        | 12.72                                   | 0.87                      | 6932.17                     | 6944.89                                           | 6944.67                               | -0.22                                   | 18.42                   | 10.0                            | 20.0                               |
| MKTF-19  | 2/3/2020      | 11.57                        | 12.62                                   | 1.05                      | 6932.27                     | 6944.89                                           | 6944.67                               | -0.22                                   | 17.69                   | 10.0                            | 20.0                               |
| MKTF-19  | 6/29/2020     | 12.30                        | 13.51                                   | 1.21                      | 6931.38                     | 6944.89                                           | 6944.67                               | -0.22                                   | 17.69                   | 10.0                            | 20.0                               |
| MKTF-19  | 9/14/2020     | 12.17                        | 12.19                                   | 0.02                      | 6932.70                     | 6944.89                                           | 6944.67                               | -0.22                                   | 19.46                   | 10.0                            | 20.0                               |
| MKTF-19  | 11/10/2020    | 12.44                        | 13.77                                   | 1.33                      | 6931.12                     | 6944.89                                           | 6944.67                               | -0.22                                   | 19.46                   | 10.0                            | 20.0                               |
| MKTF-19  | 12/4/2020     | 12.40                        | 13.64                                   | 1.24                      | 6931.25                     | 6944.89                                           | 6944.67                               | -0.22                                   | 19.60                   | 10.0                            | 20.0                               |
| MKTF-19  | 1/28/2021     | 12.44                        | 13.68                                   | 1.24                      | 6931.21                     | 6944.89                                           | 6944.67                               | -0.22                                   | 19.60                   | 10.0                            | 20.0                               |
| MKTF-19  | 2/28/2021     | 12.67                        | 13.81                                   | 1.14                      | 6931.08                     | 6944.89                                           | 6944.67                               | -0.22                                   | 19.66                   | 10.0                            | 20.0                               |
| MKTF-19  | 3/31/2021     | 12.82                        | 14.05                                   | 1.23                      | 6930.84                     | 6944.89                                           | 6944.67                               | -0.22                                   | 19.66                   | 10.0                            | 20.0                               |
| MKTF-19  | 4/26/2021     | 12.76                        | 14.29                                   | 1.53                      | 6930.60                     | 6944.89                                           | 6944.67                               | -0.22                                   | 19.66                   | 10.0                            | 20.0                               |
| MKTF-19  | 5/20/2021     | 12.50                        | 13.92                                   | 1.42                      | 6930.97                     | 6944.89                                           | 6944.67                               | -0.22                                   | 19.66                   | 10.0                            | 20.0                               |
| MKTF-19  | 6/1/2021      | 12.77                        | 13.99                                   | 1.22                      | 6930.90                     | 6944.89                                           | 6944.67                               | -0.22                                   | 19.66                   | 10.0                            | 20.0                               |
| MKTF-19  | 9/8/2021      | 13.27                        | 14.33                                   | 1.06                      | 6930.56                     | 6944.89                                           | 6944.67                               | -0.22                                   | 19.66                   | 10.0                            | 20.0                               |
| MKTF-19  | 12/3/2021     | 13.20                        | 14.25                                   | 1.05                      | 6930.64                     | 6944.89                                           | 6944.67                               | -0.22                                   | 19.66                   | 10.0                            | 20.0                               |
| MKTF-19  | 1/10/2022     | 13.33                        | 13.39                                   | 0.06                      | 6931.50                     | 6944.89                                           | 6944.67                               | -0.22                                   | 19.66                   | 10.0                            | 20.0                               |
| MKTF-19  | 2/28/2022     | 13.32                        | 14.54                                   | 1.22                      | 6930.35                     | 6944.89                                           | 6944.67                               | -0.22                                   | 19.66                   | 10.0                            | 20.0                               |
| MKTF-19  | 3/2/2022      | 13.22                        | 14.32                                   | 1.10                      | 6930.57                     | 6944.89                                           | 6944.67                               | -0.22                                   | 19.68                   | 10.0                            | 20.0                               |
| MKTF-19  | 4/27/2022     | 13.96                        | 15.05                                   | 1.09                      | 6929.84                     | 6944.89                                           | 6944.67                               | -0.22                                   | 19.68                   | 10.0                            | 20.0                               |
| MKTF-19  | 5/5/2022      | 13.53                        | 14.55                                   | 1.02                      | 6930.34                     | 6944.89                                           | 6944.67                               | -0.22                                   | 19.68                   | 10.0                            | 20.0                               |
| MKTF-19  | 6/1/2022      | 13.18                        | 14.10                                   | 0.92                      | 6930.79                     | 6944.89                                           | 6944.67                               | -0.22                                   | 19.67                   | 10.0                            | 20.0                               |
| MKTF-19  | 7/6/2022      | 12.63                        | 13.22                                   | 0.59                      | 6931.67                     | 6944.89                                           | 6944.67                               | -0.22                                   | 19.67                   | 10.0                            | 20.0                               |
| MKTF-19  | 8/8/2022      | 12.27                        | 13.44                                   | 1.17                      | 6931.45                     | 6944.89                                           | 6944.67                               | -0.22                                   | 19.66                   | 10.0                            | 20.0                               |
| MKTF-19  | 9/1/2022      | 13.25                        | 14.22                                   | 0.97                      | 6930.67                     | 6944.89                                           | 6944.67                               | -0.22                                   | 19.66                   | 10.0                            | 20.0                               |
| MKTF-19  | 10/3/2022     | 13.93                        | 16.28                                   | 2.35                      | 6928.61                     | 6944.89                                           | 6944.67                               | -0.22                                   | 19.66                   | 10.0                            | 20.0                               |
| MKTF-19  | 11/2/2022     | 13.92                        | 16.26                                   | 2.34                      | 6928.63                     | 6944.89                                           | 6944.67                               | -0.22                                   | 19.66                   | 10.0                            | 20.0                               |
| MKTF-19  | 12/6/2022     | 15.34                        | 15.66                                   | 0.32                      | 6929.23                     | 6944.89                                           | 6944.67                               | -0.22                                   | 19.66                   | 10.0                            | 20.0                               |



APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MKTF-20  | 6/4/2014      | ND                           | 8.02                                    | NA                        | 6943.87                     | 6951.89                                           | 6951.78                               | -0.11                                   | 10.00                   | 1.0                             | 9.8                                |
| MKTF-20  | 9/23/2014     | ND                           | 8.49                                    | NA                        | 6943.40                     | 6951.89                                           | 6951.78                               | -0.11                                   | 10.00                   | 1.0                             | 9.8                                |
| MKTF-20  | 11/18/2014    | ND                           | 8.51                                    | NA                        | 6943.38                     | 6951.89                                           | 6951.78                               | -0.11                                   | 10.00                   | 1.0                             | 9.8                                |
| MKTF-20  | 3/16/2015     | ND                           | 7.37                                    | NA                        | 6944.52                     | 6951.89                                           | 6951.78                               | -0.11                                   | 10.00                   | 1.0                             | 9.8                                |
| MKTF-20  | 6/8/2015      | ND                           | 8.00                                    | NA                        | 6943.89                     | 6951.89                                           | 6951.78                               | -0.11                                   | 10.00                   | 1.0                             | 9.8                                |
| MKTF-20  | 8/23/2015     | ND                           | 7.90                                    | NA                        | 6943.99                     | 6951.89                                           | 6951.78                               | -0.11                                   | 10.00                   | 1.0                             | 9.8                                |
| MKTF-20  | 11/9/2015     | ND                           | 7.89                                    | NA                        | 6944.00                     | 6951.89                                           | 6951.78                               | -0.11                                   | 10.00                   | 1.0                             | 9.8                                |
| MKTF-20  | 2/29/2016     | ND                           | 7.92                                    | NA                        | 6943.97                     | 6951.89                                           | 6951.78                               | -0.11                                   | 10.00                   | 1.0                             | 9.8                                |
| MKTF-20  | 6/8/2016      | ND                           | 7.34                                    | NA                        | 6944.55                     | 6951.89                                           | 6951.78                               | -0.11                                   | 10.00                   | 1.0                             | 9.8                                |
| MKTF-20  | 9/11/2016     | ND                           | 7.76                                    | NA                        | 6944.13                     | 6951.89                                           | 6951.78                               | -0.11                                   | 10.00                   | 1.0                             | 9.8                                |
| MKTF-20  | 11/9/2016     | ND                           | 7.89                                    | NA                        | 6944.00                     | 6951.89                                           | 6951.78                               | -0.11                                   | 10.00                   | 1.0                             | 9.8                                |
| MKTF-20  | 3/14/2017     | ND                           | 5.81                                    | NA                        | 6946.08                     | 6951.89                                           | 6951.78                               | -0.11                                   | 10.00                   | 1.0                             | 9.8                                |
| MKTF-20  | 6/12/2017     | ND                           | 5.68                                    | NA                        | 6946.21                     | 6951.89                                           | 6951.78                               | -0.11                                   | 10.00                   | 1.0                             | 9.8                                |
| MKTF-20  | 9/26/2017     | ND                           | 6.34                                    | NA                        | 6945.55                     | 6951.89                                           | 6951.78                               | -0.11                                   | 10.00                   | 1.0                             | 9.8                                |
| MKTF-20  | 11/28/2017    | ND                           | 6.64                                    | NA                        | 6945.25                     | 6951.89                                           | 6951.78                               | -0.11                                   | 9.69                    | 1.0                             | 9.8                                |
| MKTF-20  | 2/14/2018     | ND                           | 7.56                                    | NA                        | 6944.33                     | 6951.89                                           | 6951.78                               | -0.11                                   | 9.66                    | 1.0                             | 9.8                                |
| MKTF-20  | 4/25/2018     | ND                           | 7.01                                    | NA                        | 6944.88                     | 6951.89                                           | 6951.78                               | -0.11                                   | 9.61                    | 1.0                             | 9.8                                |
| MKTF-20  | 8/16/2018     | ND                           | 7.31                                    | NA                        | 6944.58                     | 6951.89                                           | 6951.78                               | -0.11                                   | 9.67                    | 1.0                             | 9.8                                |
| MKTF-20  | 11/29/2018    | ND                           | 7.63                                    | NA                        | 6944.26                     | 6951.89                                           | 6951.78                               | -0.11                                   | 9.69                    | 1.0                             | 9.8                                |
| MKTF-20  | 2/20/2019     | ND                           | 6.40                                    | NA                        | 6945.49                     | 6951.89                                           | 6951.78                               | -0.11                                   | 8.94                    | 1.0                             | 9.8                                |
| MKTF-20  | 5/13/2019     | ND                           | 7.25                                    | NA                        | 6944.64                     | 6951.89                                           | 6951.78                               | -0.11                                   | 8.94                    | 1.0                             | 9.8                                |
| MKTF-20  | 8/20/2019     | ND                           | 8.14                                    | NA                        | 6943.75                     | 6951.89                                           | 6951.78                               | -0.11                                   | 8.94                    | 1.0                             | 9.8                                |
| MKTF-20  | 11/4/2019     | ND                           | 7.79                                    | NA                        | 6944.10                     | 6951.89                                           | 6951.78                               | -0.11                                   | 8.94                    | 1.0                             | 9.8                                |
| MKTF-20  | 2/5/2020      | ND                           | 9.13                                    | NA                        | 6942.76                     | 6951.89                                           | 6951.78                               | -0.11                                   | 8.94                    | 1.0                             | 9.8                                |
| MKTF-20  | 6/26/2020     | ND                           | 8.78                                    | NA                        | 6943.11                     | 6951.89                                           | 6951.78                               | -0.11                                   | 8.94                    | 1.0                             | 9.8                                |
| MKTF-20  | 9/15/2020     | 8.65                         | 9.46                                    | 0.81                      | 6942.43                     | 6951.89                                           | 6951.78                               | -0.11                                   | 9.73                    | 1.0                             | 9.8                                |
| MKTF-20  | 11/10/2020    | 8.21                         | 9.01                                    | 0.80                      | 6942.88                     | 6951.89                                           | 6951.78                               | -0.11                                   | 9.73                    | 1.0                             | 9.8                                |
| MKTF-20  | 12/8/2020     | 8.87                         | 9.06                                    | 0.19                      | 6942.83                     | 6951.89                                           | 6951.78                               | -0.11                                   | 9.71                    | 1.0                             | 9.8                                |
| MKTF-20  | 1/28/2021     | 9.10                         | 9.71                                    | 0.61                      | 6942.18                     | 6951.89                                           | 6951.78                               | -0.11                                   | 9.71                    | 1.0                             | 9.8                                |
| MKTF-20  | 2/28/2021     | ND                           | Dry                                     | NA                        | Dry                         | 6951.89                                           | 6951.78                               | -0.11                                   | 9.72                    | 1.0                             | 9.8                                |
| MKTF-20  | 3/31/2021     | 9.06                         | 9.34                                    | 0.28                      | 6942.55                     | 6951.89                                           | 6951.78                               | -0.11                                   | 9.72                    | 1.0                             | 9.8                                |
| MKTF-20  | 4/26/2021     | 9.25                         | 9.54                                    | 0.29                      | 6942.35                     | 6951.89                                           | 6951.78                               | -0.11                                   | 9.72                    | 1.0                             | 9.8                                |
| MKTF-20  | 5/20/2021     | 9.01                         | 9.28                                    | 0.27                      | 6942.61                     | 6951.89                                           | 6951.78                               | -0.11                                   | 9.72                    | 1.0                             | 9.8                                |
| MKTF-20  | 6/1/2021      | 9.12                         | 9.41                                    | 0.29                      | 6942.48                     | 6951.89                                           | 6951.78                               | -0.11                                   | 9.72                    | 1.0                             | 9.8                                |
| MKTF-20  | 9/8/2021      | ND                           | Dry                                     | NA                        | Dry                         | 6951.89                                           | 6951.78                               | -0.11                                   | 9.72                    | 1.0                             | 9.8                                |
| MKTF-20  | 12/2/2021     | ND                           | 9.03                                    | NA                        | 6942.86                     | 6951.89                                           | 6951.78                               | -0.11                                   | 9.72                    | 1.0                             | 9.8                                |
| MKTF-20  | 1/10/2022     | ND                           | 9.62                                    | NA                        | 6942.27                     | 6951.89                                           | 6951.78                               | -0.11                                   | 9.71                    | 1.0                             | 9.8                                |
| MKTF-20  | 2/28/2022     | ND                           | 9.60                                    | NA                        | 6942.29                     | 6951.89                                           | 6951.78                               | -0.11                                   | 9.71                    | 1.0                             | 9.8                                |
| MKTF-20  | 3/2/2022      | ND                           | 9.53                                    | NA                        | 6942.36                     | 6951.89                                           | 6951.78                               | -0.11                                   | 9.71                    | 1.0                             | 9.8                                |
| MKTF-20  | 4/27/2022     | ND                           | Dry                                     | NA                        | Dry                         | 6951.89                                           | 6951.78                               | -0.11                                   | 9.71                    | 1.0                             | 9.8                                |
| MKTF-20  | 5/5/2022      | ND                           | Dry                                     | NA                        | Dry                         | 6951.89                                           | 6951.78                               | -0.11                                   | 9.71                    | 1.0                             | 9.8                                |
| MKTF-20  | 6/1/2022      | ND                           | Dry                                     | NA                        | Dry                         | 6951.89                                           | 6951.78                               | -0.11                                   | 9.71                    | 1.0                             | 9.8                                |
| MKTF-20  | 7/6/2022      | ND                           | 8.41                                    | NA                        | 6943.48                     | 6951.89                                           | 6951.78                               | -0.11                                   | 9.71                    | 1.0                             | 9.8                                |
| MKTF-20  | 8/8/2022      | ND                           | 8.90                                    | NA                        | 6942.99                     | 6951.89                                           | 6951.78                               | -0.11                                   | 9.71                    | 1.0                             | 9.8                                |
| MKTF-20  | 9/1/2022      | ND                           | 8.90                                    | NA                        | 6942.99                     | 6951.89                                           | 6951.78                               | -0.11                                   | 9.71                    | 1.0                             | 9.8                                |
| MKTF-20  | 10/3/2022     | ND                           | Dry                                     | NA                        | Dry                         | 6951.89                                           | 6951.78                               | -0.11                                   | 9.71                    | 1.0                             | 9.8                                |
| MKTF-20  | 11/2/2022     | ND                           | Dry                                     | NA                        | Dry                         | 6951.89                                           | 6951.78                               | -0.11                                   | 9.71                    | 1.0                             | 9.8                                |
| MKTF-20  | 12/6/2022     | ND                           | Dry                                     | NA                        | Dry                         | 6951.89                                           | 6951.78                               | -0.11                                   | 9.71                    | 1.0                             | 9.8                                |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MKTF-21  | 6/4/2014      | ND                           | 7.79                                    | NA                        | 6944.89                     | 6952.68                                           | 6952.57                               | -0.11                                   | 10.00                   | 1.0                             | 9.8                                |
| MKTF-21  | 9/23/2014     | ND                           | 8.50                                    | NA                        | 6944.18                     | 6952.68                                           | 6952.57                               | -0.11                                   | 10.00                   | 1.0                             | 9.8                                |
| MKTF-21  | 11/18/2014    | ND                           | 8.11                                    | NA                        | 6944.57                     | 6952.68                                           | 6952.57                               | -0.11                                   | 10.00                   | 1.0                             | 9.8                                |
| MKTF-21  | 3/16/2015     | ND                           | 7.73                                    | NA                        | 6944.95                     | 6952.68                                           | 6952.57                               | -0.11                                   | 10.00                   | 1.0                             | 9.8                                |
| MKTF-21  | 6/10/2015     | ND                           | 8.07                                    | NA                        | 6944.61                     | 6952.68                                           | 6952.57                               | -0.11                                   | 10.00                   | 1.0                             | 9.8                                |
| MKTF-21  | 8/23/2015     | ND                           | 7.73                                    | NA                        | 6944.95                     | 6952.68                                           | 6952.57                               | -0.11                                   | 10.00                   | 1.0                             | 9.8                                |
| MKTF-21  | 11/9/2015     | ND                           | 7.57                                    | NA                        | 6945.11                     | 6952.68                                           | 6952.57                               | -0.11                                   | 10.00                   | 1.0                             | 9.8                                |
| MKTF-21  | 2/29/2016     | ND                           | 7.35                                    | NA                        | 6945.33                     | 6952.68                                           | 6952.57                               | -0.11                                   | 10.00                   | 1.0                             | 9.8                                |
| MKTF-21  | 6/8/2016      | ND                           | 7.09                                    | NA                        | 6945.59                     | 6952.68                                           | 6952.57                               | -0.11                                   | 10.00                   | 1.0                             | 9.8                                |
| MKTF-21  | 9/11/2016     | ND                           | 7.73                                    | NA                        | 6944.95                     | 6952.68                                           | 6952.57                               | -0.11                                   | 10.00                   | 1.0                             | 9.8                                |
| MKTF-21  | 11/9/2016     | ND                           | 7.57                                    | NA                        | 6945.11                     | 6952.68                                           | 6952.57                               | -0.11                                   | 10.00                   | 1.0                             | 9.8                                |
| MKTF-21  | 3/14/2017     | ND                           | 5.61                                    | NA                        | 6947.07                     | 6952.68                                           | 6952.57                               | -0.11                                   | 10.00                   | 1.0                             | 9.8                                |
| MKTF-21  | 6/21/2017     | ND                           | 5.20                                    | NA                        | 6947.48                     | 6952.68                                           | 6952.57                               | -0.11                                   | 10.00                   | 1.0                             | 9.8                                |
| MKTF-21  | 9/26/2017     | ND                           | 5.80                                    | NA                        | 6946.88                     | 6952.68                                           | 6952.57                               | -0.11                                   | 10.00                   | 1.0                             | 9.8                                |
| MKTF-21  | 11/28/2017    | ND                           | 6.36                                    | NA                        | 6946.32                     | 6952.68                                           | 6952.57                               | -0.11                                   | 8.92                    | 1.0                             | 9.8                                |
| MKTF-21  | 2/14/2018     | ND                           | 6.99                                    | NA                        | 6945.69                     | 6952.68                                           | 6952.57                               | -0.11                                   | 8.91                    | 1.0                             | 9.8                                |
| MKTF-21  | 4/25/2018     | ND                           | 6.43                                    | NA                        | 6946.25                     | 6952.68                                           | 6952.57                               | -0.11                                   | 8.86                    | 1.0                             | 9.8                                |
| MKTF-21  | 8/16/2018     | ND                           | 6.16                                    | NA                        | 6946.52                     | 6952.68                                           | 6952.57                               | -0.11                                   | 8.91                    | 1.0                             | 9.8                                |
| MKTF-21  | 11/29/2018    | ND                           | 7.63                                    | NA                        | 6945.05                     | 6952.68                                           | 6952.57                               | -0.11                                   | 8.92                    | 1.0                             | 9.8                                |
| MKTF-21  | 2/20/2019     | ND                           | 5.73                                    | NA                        | 6946.95                     | 6952.68                                           | 6952.57                               | -0.11                                   | 8.92                    | 1.0                             | 9.8                                |
| MKTF-21  | 5/13/2019     | ND                           | 6.81                                    | NA                        | 6945.87                     | 6952.68                                           | 6952.57                               | -0.11                                   | 8.92                    | 1.0                             | 9.8                                |
| MKTF-21  | 8/20/2019     | ND                           | 7.33                                    | NA                        | 6945.35                     | 6952.68                                           | 6952.57                               | -0.11                                   | 8.92                    | 1.0                             | 9.8                                |
| MKTF-21  | 10/30/2019    | ND                           | 8.43                                    | NA                        | 6944.25                     | 6952.68                                           | 6952.57                               | -0.11                                   | 8.92                    | 1.0                             | 9.8                                |
| MKTF-21  | 2/5/2020      | ND                           | 8.36                                    | NA                        | 6944.32                     | 6952.68                                           | 6952.57                               | -0.11                                   | 8.94                    | 1.0                             | 9.8                                |
| MKTF-21  | 6/26/2020     | 8.28                         | 8.31                                    | 0.03                      | 6944.37                     | 6952.68                                           | 6952.57                               | -0.11                                   | 8.94                    | 1.0                             | 9.8                                |
| MKTF-21  | 9/15/2020     | 7.19                         | 7.20                                    | 0.01                      | 6945.48                     | 6952.68                                           | 6952.57                               | -0.11                                   | 8.95                    | 1.0                             | 9.8                                |
| MKTF-21  | 11/10/2020    | ND                           | 6.52                                    | NA                        | 6946.16                     | 6952.68                                           | 6952.57                               | -0.11                                   | 8.95                    | 1.0                             | 9.8                                |
| MKTF-21  | 12/4/2020     | 8.15                         | 8.16                                    | 0.01                      | 6944.52                     | 6952.68                                           | 6952.57                               | -0.11                                   | 8.91                    | 1.0                             | 9.8                                |
| MKTF-21  | 1/28/2021     | ND                           | 7.45                                    | NA                        | 6945.23                     | 6952.68                                           | 6952.57                               | -0.11                                   | 8.91                    | 1.0                             | 9.8                                |
| MKTF-21  | 2/28/2021     | ND                           | 7.92                                    | NA                        | 6944.76                     | 6952.68                                           | 6952.57                               | -0.11                                   | 8.98                    | 1.0                             | 9.8                                |
| MKTF-21  | 3/31/2021     | ND                           | 7.84                                    | NA                        | 6944.84                     | 6952.68                                           | 6952.57                               | -0.11                                   | 8.98                    | 1.0                             | 9.8                                |
| MKTF-21  | 4/26/2021     | ND                           | 7.39                                    | NA                        | 6945.29                     | 6952.68                                           | 6952.57                               | -0.11                                   | 8.98                    | 1.0                             | 9.8                                |
| MKTF-21  | 5/20/2021     | ND                           | 7.51                                    | NA                        | 6945.17                     | 6952.68                                           | 6952.57                               | -0.11                                   | 8.98                    | 1.0                             | 9.8                                |
| MKTF-21  | 6/1/2021      | ND                           | 7.09                                    | NA                        | 6945.59                     | 6952.68                                           | 6952.57                               | -0.11                                   | 8.98                    | 1.0                             | 9.8                                |
| MKTF-21  | 9/8/2021      | ND                           | 8.91                                    | NA                        | 6943.77                     | 6952.68                                           | 6952.57                               | -0.11                                   | 8.98                    | 1.0                             | 9.8                                |
| MKTF-21  | 12/3/2021     | ND                           | 8.96                                    | NA                        | 6943.72                     | 6952.68                                           | 6952.57                               | -0.11                                   | 8.98                    | 1.0                             | 9.8                                |
| MKTF-21  | 1/10/2022     | ND                           | 8.93                                    | NA                        | 6943.75                     | 6952.68                                           | 6952.57                               | -0.11                                   | 8.98                    | 1.0                             | 9.8                                |
| MKTF-21  | 2/28/2022     | ND                           | 8.96                                    | NA                        | 6943.72                     | 6952.68                                           | 6952.57                               | -0.11                                   | 8.98                    | 1.0                             | 9.8                                |
| MKTF-21  | 3/2/2022      | ND                           | 8.98                                    | NA                        | 6943.70                     | 6952.68                                           | 6952.57                               | -0.11                                   | 9.06                    | 1.0                             | 9.8                                |
| MKTF-21  | 4/27/2022     | ND                           | 8.37                                    | NA                        | 6944.31                     | 6952.68                                           | 6952.57                               | -0.11                                   | 8.98                    | 1.0                             | 9.8                                |
| MKTF-21  | 5/5/2022      | ND                           | 8.95                                    | NA                        | 6943.73                     | 6952.68                                           | 6952.57                               | -0.11                                   | 8.98                    | 1.0                             | 9.8                                |
| MKTF-21  | 6/1/2022      | ND                           | 8.96                                    | NA                        | 6943.72                     | 6952.68                                           | 6952.57                               | -0.11                                   | 9.06                    | 1.0                             | 9.8                                |
| MKTF-21  | 7/6/2022      | ND                           | 8.43                                    | NA                        | 6944.25                     | 6952.68                                           | 6952.57                               | -0.11                                   | 8.98                    | 1.0                             | 9.8                                |
| MKTF-21  | 8/8/2022      | ND                           | 8.74                                    | NA                        | 6943.94                     | 6952.68                                           | 6952.57                               | -0.11                                   | 8.98                    | 1.0                             | 9.8                                |
| MKTF-21  | 9/5/2022      | ND                           | 9.01                                    | NA                        | 6943.67                     | 6952.68                                           | 6952.57                               | -0.11                                   | 9.06                    | 1.0                             | 9.8                                |
| MKTF-21  | 10/3/2022     | ND                           | Dry                                     | NA                        | Dry                         | 6952.68                                           | 6952.57                               | -0.11                                   | 9.06                    | 1.0                             | 9.8                                |
| MKTF-21  | 11/2/2022     | ND                           | Dry                                     | NA                        | Dry                         | 6952.68                                           | 6952.57                               | -0.11                                   | 9.06                    | 1.0                             | 9.8                                |
| MKTF-21  | 12/6/2022     | ND                           | Dry                                     | NA                        | Dry                         | 6952.68                                           | 6952.57                               | -0.11                                   | 9.06                    | 1.0                             | 9.8                                |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MKTF-22  | 6/4/2014      | ND                           | 23.70                                   | NA                        | 6916.06                     | 6939.76                                           | 6942.31                               | 2.55                                    | 32.70                   | 22.0                            | 32.0                               |
| MKTF-22  | 11/17/2014    | ND                           | 24.12                                   | NA                        | 6915.64                     | 6939.76                                           | 6942.31                               | 2.55                                    | 32.70                   | 22.0                            | 32.0                               |
| MKTF-22  | 3/12/2015     | ND                           | 23.52                                   | NA                        | 6916.24                     | 6939.76                                           | 6942.31                               | 2.55                                    | 32.70                   | 22.0                            | 32.0                               |
| MKTF-22  | 6/9/2015      | ND                           | 23.63                                   | NA                        | 6916.13                     | 6939.76                                           | 6942.31                               | 2.55                                    | 32.70                   | 22.0                            | 32.0                               |
| MKTF-22  | 8/20/2015     | ND                           | 23.65                                   | NA                        | 6916.11                     | 6939.76                                           | 6942.31                               | 2.55                                    | 33.70                   | 22.0                            | 32.0                               |
| MKTF-22  | 11/9/2015     | ND                           | 23.50                                   | NA                        | 6916.26                     | 6939.76                                           | 6942.31                               | 2.55                                    | 32.70                   | 22.0                            | 32.0                               |
| MKTF-22  | 2/25/2016     | ND                           | 23.58                                   | NA                        | 6916.18                     | 6939.76                                           | 6942.31                               | 2.55                                    | 32.70                   | 22.0                            | 32.0                               |
| MKTF-22  | 6/10/2016     | ND                           | 23.51                                   | NA                        | 6916.25                     | 6939.76                                           | 6942.31                               | 2.55                                    | 32.70                   | 22.0                            | 32.0                               |
| MKTF-22  | 9/10/2016     | ND                           | 23.58                                   | NA                        | 6916.18                     | 6939.76                                           | 6942.31                               | 2.55                                    | 33.70                   | 22.0                            | 32.0                               |
| MKTF-22  | 11/9/2016     | ND                           | 23.50                                   | NA                        | 6916.26                     | 6939.76                                           | 6942.31                               | 2.55                                    | 32.70                   | 22.0                            | 32.0                               |
| MKTF-22  | 3/8/2017      | ND                           | 22.55                                   | NA                        | 6917.21                     | 6939.76                                           | 6942.31                               | 2.55                                    | 32.70                   | 22.0                            | 32.0                               |
| MKTF-22  | 6/7/2017      | ND                           | 22.76                                   | NA                        | 6917.00                     | 6939.76                                           | 6942.31                               | 2.55                                    | 32.70                   | 22.0                            | 32.0                               |
| MKTF-22  | 10/3/2017     | ND                           | 22.64                                   | NA                        | 6917.12                     | 6939.76                                           | 6942.31                               | 2.55                                    | 32.70                   | 22.0                            | 32.0                               |
| MKTF-22  | 11/27/2017    | ND                           | 22.63                                   | NA                        | 6917.13                     | 6939.76                                           | 6942.31                               | 2.55                                    | 33.05                   | 22.0                            | 32.0                               |
| MKTF-22  | 2/7/2018      | ND                           | 22.95                                   | NA                        | 6916.81                     | 6939.76                                           | 6942.31                               | 2.55                                    | 33.05                   | 22.0                            | 32.0                               |
| MKTF-22  | 4/26/2018     | ND                           | 22.85                                   | NA                        | 6916.91                     | 6939.76                                           | 6942.31                               | 2.55                                    | 32.96                   | 22.0                            | 32.0                               |
| MKTF-22  | 8/15/2018     | ND                           | 23.25                                   | NA                        | 6916.51                     | 6939.76                                           | 6942.31                               | 2.55                                    | 33.07                   | 22.0                            | 32.0                               |
| MKTF-22  | 11/27/2018    | ND                           | 23.02                                   | NA                        | 6916.74                     | 6939.76                                           | 6942.31                               | 2.55                                    | 33.05                   | 22.0                            | 32.0                               |
| MKTF-22  | 3/25/2019     | ND                           | 21.88                                   | NA                        | 6917.88                     | 6939.76                                           | 6942.31                               | 2.55                                    | 32.70                   | 22.0                            | 32.0                               |
| MKTF-22  | 5/9/2019      | ND                           | 22.09                                   | NA                        | 6917.67                     | 6939.76                                           | 6942.31                               | 2.55                                    | 32.70                   | 22.0                            | 32.0                               |
| MKTF-22  | 8/20/2019     | ND                           | 22.40                                   | NA                        | 6917.36                     | 6939.76                                           | 6942.31                               | 2.55                                    | 33.07                   | 22.0                            | 32.0                               |
| MKTF-22  | 10/24/2019    | ND                           | 22.85                                   | NA                        | 6916.91                     | 6939.76                                           | 6942.31                               | 2.55                                    | 33.05                   | 22.0                            | 32.0                               |
| MKTF-22  | 2/27/2020     | 21.93                        | 22.98                                   | 1.05                      | 6916.78                     | 6939.76                                           | 6942.31                               | 2.55                                    | 32.70                   | 22.0                            | 32.0                               |
| MKTF-22  | 6/29/2020     | 22.02                        | 25.16                                   | 3.14                      | 6914.60                     | 6939.76                                           | 6942.31                               | 2.55                                    | 32.70                   | 22.0                            | 32.0                               |
| MKTF-22  | 9/14/2020     | 22.43                        | 25.13                                   | 2.70                      | 6914.63                     | 6939.76                                           | 6942.31                               | 2.55                                    | 32.54                   | 22.0                            | 32.0                               |
| MKTF-22  | 11/10/2020    | 22.39                        | 24.74                                   | 2.35                      | 6915.02                     | 6939.76                                           | 6942.31                               | 2.55                                    | 32.54                   | 22.0                            | 32.0                               |
| MKTF-22  | 12/4/2020     | 22.55                        | 25.00                                   | 2.45                      | 6914.76                     | 6939.76                                           | 6942.31                               | 2.55                                    | 32.54                   | 22.0                            | 32.0                               |
| MKTF-22  | 1/28/2021     | 22.73                        | 25.42                                   | 2.69                      | 6914.34                     | 6939.76                                           | 6942.31                               | 2.55                                    | 32.54                   | 22.0                            | 32.0                               |
| MKTF-22  | 2/28/2021     | 22.62                        | 25.30                                   | 2.68                      | 6914.46                     | 6939.76                                           | 6942.31                               | 2.55                                    | 33.11                   | 22.0                            | 32.0                               |
| MKTF-22  | 3/31/2021     | 23.22                        | 24.70                                   | 1.48                      | 6915.06                     | 6939.76                                           | 6942.31                               | 2.55                                    | 33.11                   | 22.0                            | 32.0                               |
| MKTF-22  | 4/26/2021     | 23.46                        | 23.68                                   | 0.22                      | 6916.08                     | 6939.76                                           | 6942.31                               | 2.55                                    | 33.11                   | 22.0                            | 32.0                               |
| MKTF-22  | 5/20/2021     | 22.60                        | 24.43                                   | 1.83                      | 6915.33                     | 6939.76                                           | 6942.31                               | 2.55                                    | 33.11                   | 22.0                            | 32.0                               |
| MKTF-22  | 6/1/2021      | 23.55                        | 25.65                                   | 2.10                      | 6914.11                     | 6939.76                                           | 6942.31                               | 2.55                                    | 33.11                   | 22.0                            | 32.0                               |
| MKTF-22  | 9/8/2021      | 22.93                        | 25.11                                   | 2.18                      | 6914.65                     | 6939.76                                           | 6942.31                               | 2.55                                    | 33.11                   | 22.0                            | 32.0                               |
| MKTF-22  | 12/3/2021     | 22.90                        | 24.97                                   | 2.07                      | 6914.79                     | 6939.76                                           | 6942.31                               | 2.55                                    | 33.11                   | 22.0                            | 32.0                               |
| MKTF-22  | 1/10/2022     | 22.69                        | 24.82                                   | 2.13                      | 6914.94                     | 6939.76                                           | 6942.31                               | 2.55                                    | 33.11                   | 22.0                            | 32.0                               |
| MKTF-22  | 2/28/2022     | 22.77                        | 23.95                                   | 1.18                      | 6915.81                     | 6939.76                                           | 6942.31                               | 2.55                                    | 33.11                   | 22.0                            | 32.0                               |
| MKTF-22  | 3/2/2022      | 22.86                        | 24.94                                   | 2.08                      | 6914.82                     | 6939.76                                           | 6942.31                               | 2.55                                    | 33.13                   | 22.0                            | 32.0                               |
| MKTF-22  | 4/27/2022     | 23.41                        | 23.66                                   | 0.25                      | 6916.10                     | 6939.76                                           | 6942.31                               | 2.55                                    | 33.13                   | 22.0                            | 32.0                               |
| MKTF-22  | 5/4/2022      | 23.31                        | 24.28                                   | 0.97                      | 6915.48                     | 6939.76                                           | 6942.31                               | 2.55                                    | 33.13                   | 22.0                            | 32.0                               |
| MKTF-22  | 6/1/2022      | 23.10                        | 25.38                                   | 2.28                      | 6914.38                     | 6939.76                                           | 6942.31                               | 2.55                                    | 33.15                   | 22.0                            | 32.0                               |
| MKTF-22  | 7/6/2022      | 22.92                        | 24.87                                   | 1.95                      | 6914.89                     | 6939.76                                           | 6942.31                               | 2.55                                    | 33.16                   | 22.0                            | 32.0                               |
| MKTF-22  | 8/8/2022      | 22.88                        | 24.49                                   | 1.61                      | 6915.27                     | 6939.76                                           | 6942.31                               | 2.55                                    | 33.17                   | 22.0                            | 32.0                               |
| MKTF-22  | 9/5/2022      | 22.96                        | 25.24                                   | 2.28                      | 6914.52                     | 6939.76                                           | 6942.31                               | 2.55                                    | 33.17                   | 22.0                            | 32.0                               |
| MKTF-22  | 10/3/2022     | 22.81                        | 25.25                                   | 2.44                      | 6914.51                     | 6939.76                                           | 6942.31                               | 2.55                                    | 33.17                   | 22.0                            | 32.0                               |
| MKTF-22  | 11/2/2022     | 22.80                        | 25.20                                   | 2.40                      | 6914.56                     | 6939.76                                           | 6942.31                               | 2.55                                    | 33.17                   | 22.0                            | 32.0                               |
| MKTF-22  | 12/6/2022     | 23.21                        | 25.02                                   | 1.81                      | 6914.74                     | 6939.76                                           | 6942.31                               | 2.55                                    | 33.17                   | 22.0                            | 32.0                               |
| MKTF-23  | 6/4/2014      | ND                           | 12.10                                   | NA                        | 6915.13                     | 6927.23                                           | 6929.98                               | 2.75                                    | 17.61                   | 7.0                             | 17.0                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MKTF-23  | 9/23/2014     | ND                           | 12.64                                   | NA                        | 6914.59                     | 6927.23                                           | 6929.98                               | 2.75                                    | 17.61                   | 7.0                             | 17.0                               |
| MKTF-23  | 11/17/2014    | ND                           | 12.52                                   | NA                        | 6914.71                     | 6927.23                                           | 6929.98                               | 2.75                                    | 17.61                   | 7.0                             | 17.0                               |
| MKTF-23  | 3/12/2015     | ND                           | 12.04                                   | NA                        | 6915.19                     | 6927.23                                           | 6929.98                               | 2.75                                    | 17.61                   | 7.0                             | 17.0                               |
| MKTF-23  | 6/9/2015      | ND                           | 11.07                                   | NA                        | 6916.16                     | 6927.23                                           | 6929.98                               | 2.75                                    | 17.61                   | 7.0                             | 17.0                               |
| MKTF-23  | 8/21/2015     | ND                           | 12.01                                   | NA                        | 6915.22                     | 6927.23                                           | 6929.98                               | 2.75                                    | 18.61                   | 7.0                             | 17.0                               |
| MKTF-23  | 11/9/2015     | ND                           | 11.86                                   | NA                        | 6915.37                     | 6927.23                                           | 6929.98                               | 2.75                                    | 17.61                   | 7.0                             | 17.0                               |
| MKTF-23  | 2/25/2016     | ND                           | 11.92                                   | NA                        | 6915.31                     | 6927.23                                           | 6929.98                               | 2.75                                    | 17.61                   | 7.0                             | 17.0                               |
| MKTF-23  | 6/10/2016     | ND                           | 11.89                                   | NA                        | 6915.34                     | 6927.23                                           | 6929.98                               | 2.75                                    | 17.61                   | 7.0                             | 17.0                               |
| MKTF-23  | 9/10/2016     | 12.29                        | 12.40                                   | 0.11                      | 6914.83                     | 6927.23                                           | 6929.98                               | 2.75                                    | 18.61                   | 7.0                             | 17.0                               |
| MKTF-23  | 11/9/2016     | ND                           | 11.86                                   | NA                        | 6915.37                     | 6927.23                                           | 6929.98                               | 2.75                                    | 17.61                   | 7.0                             | 17.0                               |
| MKTF-23  | 3/8/2017      | ND                           | 11.45                                   | NA                        | 6915.78                     | 6927.23                                           | 6929.98                               | 2.75                                    | 17.61                   | 7.0                             | 17.0                               |
| MKTF-23  | 6/7/2017      | 11.45                        | 12.15                                   | 0.70                      | 6915.08                     | 6927.23                                           | 6929.98                               | 2.75                                    | 17.61                   | 7.0                             | 17.0                               |
| MKTF-23  | 10/3/2017     | 11.44                        | 11.50                                   | 0.06                      | 6915.73                     | 6927.23                                           | 6929.98                               | 2.75                                    | 17.61                   | 7.0                             | 17.0                               |
| MKTF-23  | 11/27/2017    | 11.18                        | 11.19                                   | 0.01                      | 6916.04                     | 6927.23                                           | 6929.98                               | 2.75                                    | 17.61                   | 7.0                             | 17.0                               |
| MKTF-23  | 2/7/2018      | 11.36                        | 11.45                                   | 0.09                      | 6915.78                     | 6927.23                                           | 6929.98                               | 2.75                                    | 17.61                   | 7.0                             | 17.0                               |
| MKTF-23  | 4/26/2018     | 11.32                        | 11.34                                   | 0.02                      | 6915.89                     | 6927.23                                           | 6929.98                               | 2.75                                    | 17.52                   | 7.0                             | 17.0                               |
| MKTF-23  | 8/15/2018     | 12.73                        | 12.83                                   | 0.10                      | 6914.40                     | 6927.23                                           | 6929.98                               | 2.75                                    | 17.63                   | 7.0                             | 17.0                               |
| MKTF-23  | 11/27/2018    | 11.45                        | 11.49                                   | 0.04                      | 6915.74                     | 6927.23                                           | 6929.98                               | 2.75                                    | 17.61                   | 7.0                             | 17.0                               |
| MKTF-23  | 3/25/2019     | ND                           | 9.80                                    | NA                        | 6917.43                     | 6927.23                                           | 6929.98                               | 2.75                                    | 17.61                   | 7.0                             | 17.0                               |
| MKTF-23  | 5/9/2019      | 10.20                        | 10.27                                   | 0.07                      | 6916.96                     | 6927.23                                           | 6929.98                               | 2.75                                    | 17.61                   | 7.0                             | 17.0                               |
| MKTF-23  | 8/20/2019     | 10.72                        | 10.75                                   | 0.03                      | 6916.48                     | 6927.23                                           | 6929.98                               | 2.75                                    | 17.63                   | 7.0                             | 17.0                               |
| MKTF-23  | 10/28/2019    | ND                           | 11.20                                   | NA                        | 6916.03                     | 6927.23                                           | 6929.98                               | 2.75                                    | 17.61                   | 7.0                             | 17.0                               |
| MKTF-23  | 2/27/2020     | 10.67                        | 10.67                                   | 0.00                      | 6916.56                     | 6927.23                                           | 6929.98                               | 2.75                                    | 17.61                   | 7.0                             | 17.0                               |
| MKTF-23  | 6/29/2020     | ND                           | 10.50                                   | NA                        | 6916.73                     | 6927.23                                           | 6929.98                               | 2.75                                    | 17.61                   | 7.0                             | 17.0                               |
| MKTF-23  | 9/19/2020     | 12.67                        | 12.69                                   | 0.02                      | 6914.54                     | 6927.23                                           | 6929.98                               | 2.75                                    | 17.27                   | 7.0                             | 17.0                               |
| MKTF-23  | 11/10/2020    | ND                           | 11.48                                   | NA                        | 6915.75                     | 6927.23                                           | 6929.98                               | 2.75                                    | 17.27                   | 7.0                             | 17.0                               |
| MKTF-23  | 12/4/2020     | 11.40                        | 11.41                                   | 0.01                      | 6915.82                     | 6927.23                                           | 6929.98                               | 2.75                                    | 17.64                   | 7.0                             | 17.0                               |
| MKTF-23  | 1/28/2021     | 11.47                        | 11.48                                   | 0.01                      | 6915.75                     | 6927.23                                           | 6929.98                               | 2.75                                    | 18.01                   | 7.0                             | 17.0                               |
| MKTF-23  | 2/28/2021     | 11.63                        | 11.64                                   | 0.01                      | 6915.59                     | 6927.23                                           | 6929.98                               | 2.75                                    | 17.66                   | 7.0                             | 17.0                               |
| MKTF-23  | 3/31/2021     | ND                           | 11.46                                   | NA                        | 6915.77                     | 6927.23                                           | 6929.98                               | 2.75                                    | 17.66                   | 7.0                             | 17.0                               |
| MKTF-23  | 4/26/2021     | ND                           | 11.15                                   | NA                        | 6916.08                     | 6927.23                                           | 6929.98                               | 2.75                                    | 17.66                   | 7.0                             | 17.0                               |
| MKTF-23  | 5/20/2021     | ND                           | 11.44                                   | NA                        | 6915.79                     | 6927.23                                           | 6929.98                               | 2.75                                    | 17.66                   | 7.0                             | 17.0                               |
| MKTF-23  | 6/1/2021      | ND                           | 11.23                                   | NA                        | 6916.00                     | 6927.23                                           | 6929.98                               | 2.75                                    | 17.66                   | 7.0                             | 17.0                               |
| MKTF-23  | 9/8/2021      | 11.69                        | 11.72                                   | 0.03                      | 6915.51                     | 6927.23                                           | 6929.98                               | 2.75                                    | 17.66                   | 7.0                             | 17.0                               |
| MKTF-23  | 12/3/2021     | 11.54                        | 11.59                                   | 0.05                      | 6915.64                     | 6927.23                                           | 6929.98                               | 2.75                                    | 17.66                   | 7.0                             | 17.0                               |
| MKTF-23  | 1/10/2022     | 11.69                        | 11.79                                   | 0.10                      | 6915.44                     | 6927.23                                           | 6929.98                               | 2.75                                    | 17.66                   | 7.0                             | 17.0                               |
| MKTF-23  | 2/28/2022     | 11.65                        | 11.77                                   | 0.12                      | 6915.46                     | 6927.23                                           | 6929.98                               | 2.75                                    | 17.66                   | 7.0                             | 17.0                               |
| MKTF-23  | 3/1/2022      | 11.52                        | 11.57                                   | 0.05                      | 6915.66                     | 6927.23                                           | 6929.98                               | 2.75                                    | 17.65                   | 7.0                             | 17.0                               |
| MKTF-23  | 4/27/2022     | 11.56                        | 11.60                                   | 0.04                      | 6915.63                     | 6927.23                                           | 6929.98                               | 2.75                                    | 17.65                   | 7.0                             | 17.0                               |
| MKTF-23  | 5/5/2022      | 11.54                        | 11.58                                   | 0.04                      | 6915.65                     | 6927.23                                           | 6929.98                               | 2.75                                    | 17.65                   | 7.0                             | 17.0                               |
| MKTF-23  | 6/1/2022      | 11.55                        | 11.63                                   | 0.08                      | 6915.60                     | 6927.23                                           | 6929.98                               | 2.75                                    | 17.68                   | 7.0                             | 17.0                               |
| MKTF-23  | 7/6/2022      | 12.23                        | 12.27                                   | 0.04                      | 6914.96                     | 6927.23                                           | 6929.98                               | 2.75                                    | 17.69                   | 7.0                             | 17.0                               |
| MKTF-23  | 8/8/2022      | 12.35                        | 12.40                                   | 0.05                      | 6914.83                     | 6927.23                                           | 6929.98                               | 2.75                                    | 17.71                   | 7.0                             | 17.0                               |
| MKTF-23  | 9/5/2022      | 11.40                        | 11.46                                   | 0.06                      | 6915.77                     | 6927.23                                           | 6929.98                               | 2.75                                    | 17.71                   | 7.0                             | 17.0                               |
| MKTF-23  | 10/3/2022     | 11.44                        | 11.51                                   | 0.07                      | 6915.72                     | 6927.23                                           | 6929.98                               | 2.75                                    | 17.71                   | 7.0                             | 17.0                               |
| MKTF-23  | 11/2/2022     | 11.45                        | 11.53                                   | 0.08                      | 6915.70                     | 6927.23                                           | 6929.98                               | 2.75                                    | 17.71                   | 7.0                             | 17.0                               |
| MKTF-23  | 12/6/2022     | 11.56                        | 11.65                                   | 0.09                      | 6915.58                     | 6927.23                                           | 6929.98                               | 2.75                                    | 17.71                   | 7.0                             | 17.0                               |
| MKTF-24  | 6/4/2014      | ND                           | 18.85                                   | NA                        | 6907.22                     | 6926.07                                           | 6928.72                               | 2.65                                    | 27.82                   | 18.0                            | 28.0                               |



APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MKTF-24  | 9/23/2014     | ND                           | 19.92                                   | NA                        | 6906.15                     | 6926.07                                           | 6928.72                               | 2.65                                    | 27.82                   | 18.0                            | 28.0                               |
| MKTF-24  | 11/14/2014    | ND                           | 19.56                                   | NA                        | 6906.51                     | 6926.07                                           | 6928.72                               | 2.65                                    | 27.82                   | 18.0                            | 28.0                               |
| MKTF-24  | 3/11/2015     | ND                           | 18.89                                   | NA                        | 6907.18                     | 6926.07                                           | 6928.72                               | 2.65                                    | 27.82                   | 18.0                            | 28.0                               |
| MKTF-24  | 6/10/2015     | ND                           | 19.00                                   | NA                        | 6907.07                     | 6926.07                                           | 6928.72                               | 2.65                                    | 27.82                   | 18.0                            | 28.0                               |
| MKTF-24  | 8/20/2015     | ND                           | 18.88                                   | NA                        | 6907.19                     | 6926.07                                           | 6928.72                               | 2.65                                    | 28.82                   | 18.0                            | 28.0                               |
| MKTF-24  | 11/4/2015     | ND                           | 19.07                                   | NA                        | 6907.00                     | 6926.07                                           | 6928.72                               | 2.65                                    | 27.82                   | 18.0                            | 28.0                               |
| MKTF-24  | 2/22/2016     | ND                           | 18.69                                   | NA                        | 6907.38                     | 6926.07                                           | 6928.72                               | 2.65                                    | 27.82                   | 18.0                            | 28.0                               |
| MKTF-24  | 6/8/2016      | ND                           | 18.58                                   | NA                        | 6907.49                     | 6926.07                                           | 6928.72                               | 2.65                                    | 27.82                   | 18.0                            | 28.0                               |
| MKTF-24  | 9/7/2016      | ND                           | 20.04                                   | NA                        | 6906.03                     | 6926.07                                           | 6928.72                               | 2.65                                    | 28.82                   | 18.0                            | 28.0                               |
| MKTF-24  | 11/4/2016     | ND                           | 19.07                                   | NA                        | 6907.00                     | 6926.07                                           | 6928.72                               | 2.65                                    | 27.82                   | 18.0                            | 28.0                               |
| MKTF-24  | 3/6/2017      | ND                           | 17.96                                   | NA                        | 6908.11                     | 6926.07                                           | 6928.72                               | 2.65                                    | 27.82                   | 18.0                            | 28.0                               |
| MKTF-24  | 6/5/2017      | ND                           | 18.42                                   | NA                        | 6907.65                     | 6926.07                                           | 6928.72                               | 2.65                                    | 27.82                   | 18.0                            | 28.0                               |
| MKTF-24  | 10/3/2017     | ND                           | 18.87                                   | NA                        | 6907.20                     | 6926.07                                           | 6928.72                               | 2.65                                    | 27.82                   | 18.0                            | 28.0                               |
| MKTF-24  | 11/20/2017    | ND                           | 18.88                                   | NA                        | 6907.19                     | 6926.07                                           | 6928.72                               | 2.65                                    | 28.17                   | 18.0                            | 28.0                               |
| MKTF-24  | 2/6/2018      | ND                           | 18.95                                   | NA                        | 6907.12                     | 6926.07                                           | 6928.72                               | 2.65                                    | 28.18                   | 18.0                            | 28.0                               |
| MKTF-24  | 4/25/2018     | ND                           | 19.11                                   | NA                        | 6906.96                     | 6926.07                                           | 6928.72                               | 2.65                                    | 28.13                   | 18.0                            | 28.0                               |
| MKTF-24  | 8/15/2018     | ND                           | 20.00                                   | NA                        | 6906.07                     | 6926.07                                           | 6928.72                               | 2.65                                    | 28.20                   | 18.0                            | 28.0                               |
| MKTF-24  | 11/14/2018    | ND                           | 20.65                                   | NA                        | 6905.42                     | 6926.07                                           | 6928.72                               | 2.65                                    | 28.17                   | 18.0                            | 28.0                               |
| MKTF-24  | 2/25/2019     | ND                           | 19.78                                   | NA                        | 6906.29                     | 6926.07                                           | 6928.72                               | 2.65                                    | 27.82                   | 18.0                            | 28.0                               |
| MKTF-24  | 5/6/2019      | ND                           | 18.88                                   | NA                        | 6907.19                     | 6926.07                                           | 6928.72                               | 2.65                                    | 27.82                   | 18.0                            | 28.0                               |
| MKTF-24  | 8/23/2019     | ND                           | 19.40                                   | NA                        | 6906.67                     | 6926.07                                           | 6928.72                               | 2.65                                    | 28.20                   | 18.0                            | 28.0                               |
| MKTF-24  | 10/22/2019    | ND                           | 20.56                                   | NA                        | 6905.51                     | 6926.07                                           | 6928.72                               | 2.65                                    | 28.17                   | 18.0                            | 28.0                               |
| MKTF-24  | 2/24/2020     | ND                           | 19.52                                   | NA                        | 6906.55                     | 6926.07                                           | 6928.72                               | 2.65                                    | 27.82                   | 18.0                            | 28.0                               |
| MKTF-24  | 6/26/2020     | ND                           | 20.15                                   | NA                        | 6905.92                     | 6926.07                                           | 6928.72                               | 2.65                                    | 27.82                   | 18.0                            | 28.0                               |
| MKTF-24  | 9/15/2020     | ND                           | 20.70                                   | NA                        | 6905.37                     | 6926.07                                           | 6928.72                               | 2.65                                    | 28.48                   | 18.0                            | 28.0                               |
| MKTF-24  | 11/10/2020    | ND                           | 20.67                                   | NA                        | 6905.40                     | 6926.07                                           | 6928.72                               | 2.65                                    | 28.48                   | 18.0                            | 28.0                               |
| MKTF-24  | 12/4/2020     | ND                           | 20.57                                   | NA                        | 6905.50                     | 6926.07                                           | 6928.72                               | 2.65                                    | 28.53                   | 18.0                            | 28.0                               |
| MKTF-24  | 1/28/2021     | ND                           | 20.61                                   | NA                        | 6905.46                     | 6926.07                                           | 6928.72                               | 2.65                                    | 28.58                   | 18.0                            | 28.0                               |
| MKTF-24  | 2/27/2021     | ND                           | 20.32                                   | NA                        | 6905.75                     | 6926.07                                           | 6928.72                               | 2.65                                    | 28.82                   | 18.0                            | 28.0                               |
| MKTF-24  | 3/31/2021     | ND                           | 20.51                                   | NA                        | 6905.56                     | 6926.07                                           | 6928.72                               | 2.65                                    | 28.82                   | 18.0                            | 28.0                               |
| MKTF-24  | 4/26/2021     | ND                           | 21.51                                   | NA                        | 6904.56                     | 6926.07                                           | 6928.72                               | 2.65                                    | 28.82                   | 18.0                            | 28.0                               |
| MKTF-24  | 5/20/2021     | ND                           | 20.56                                   | NA                        | 6905.51                     | 6926.07                                           | 6928.72                               | 2.65                                    | 28.82                   | 18.0                            | 28.0                               |
| MKTF-24  | 6/1/2021      | ND                           | 20.75                                   | NA                        | 6905.32                     | 6926.07                                           | 6928.72                               | 2.65                                    | 28.82                   | 18.0                            | 28.0                               |
| MKTF-24  | 9/8/2021      | ND                           | 21.35                                   | NA                        | 6904.72                     | 6926.07                                           | 6928.72                               | 2.65                                    | 28.82                   | 18.0                            | 28.0                               |
| MKTF-24  | 12/15/2021    | ND                           | 20.90                                   | NA                        | 6905.17                     | 6926.07                                           | 6928.72                               | 2.65                                    | 28.82                   | 18.0                            | 28.0                               |
| MKTF-24  | 1/10/2022     | ND                           | 20.57                                   | NA                        | 6905.50                     | 6926.07                                           | 6928.72                               | 2.65                                    | 28.77                   | 18.0                            | 28.0                               |
| MKTF-24  | 2/28/2022     | ND                           | 20.55                                   | NA                        | 6905.52                     | 6926.07                                           | 6928.72                               | 2.65                                    | 28.77                   | 18.0                            | 28.0                               |
| MKTF-24  | 3/2/2022      | ND                           | 20.95                                   | NA                        | 6905.12                     | 6926.07                                           | 6928.72                               | 2.65                                    | 28.75                   | 18.0                            | 28.0                               |
| MKTF-24  | 4/27/2022     | ND                           | 21.26                                   | NA                        | 6904.81                     | 6926.07                                           | 6928.72                               | 2.65                                    | 28.75                   | 18.0                            | 28.0                               |
| MKTF-24  | 5/5/2022      | ND                           | 20.90                                   | NA                        | 6905.17                     | 6926.07                                           | 6928.72                               | 2.65                                    | 28.75                   | 18.0                            | 28.0                               |
| MKTF-24  | 6/2/2022      | 20.76                        | 20.78                                   | 0.02                      | 6905.29                     | 6926.07                                           | 6928.72                               | 2.65                                    | 28.75                   | 18.0                            | 28.0                               |
| MKTF-24  | 7/6/2022      | 20.37                        | 20.46                                   | 0.09                      | 6905.61                     | 6926.07                                           | 6928.72                               | 2.65                                    | 28.75                   | 18.0                            | 28.0                               |
| MKTF-24  | 8/8/2022      | 19.63                        | 19.71                                   | 0.08                      | 6906.36                     | 6926.07                                           | 6928.72                               | 2.65                                    | 28.75                   | 18.0                            | 28.0                               |
| MKTF-24  | 9/5/2022      | 20.88                        | 20.90                                   | 0.02                      | 6905.17                     | 6926.07                                           | 6928.72                               | 2.65                                    | 28.75                   | 18.0                            | 28.0                               |
| MKTF-24  | 10/3/2022     | 20.93                        | 20.97                                   | 0.04                      | 6905.10                     | 6926.07                                           | 6928.72                               | 2.65                                    | 28.75                   | 18.0                            | 28.0                               |
| MKTF-24  | 11/2/2022     | 20.95                        | 20.98                                   | 0.03                      | 6905.09                     | 6926.07                                           | 6928.72                               | 2.65                                    | 28.75                   | 18.0                            | 28.0                               |
| MKTF-24  | 12/6/2022     | 21.12                        | 21.17                                   | 0.05                      | 6904.90                     | 6926.07                                           | 6928.72                               | 2.65                                    | 28.75                   | 18.0                            | 28.0                               |
| MKTF-25  | 6/6/2014      | ND                           | 8.04                                    | NA                        | 6905.31                     | 6913.35                                           | 6916.19                               | 2.84                                    | 16.59                   | 6.0                             | 16.0                               |



APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MKTF-25  | 9/23/2014     | ND                           | 9.29                                    | NA                        | 6904.06                     | 6913.35                                           | 6916.19                               | 2.84                                    | 16.59                   | 6.0                             | 16.0                               |
| MKTF-25  | 11/5/2014     | ND                           | 8.36                                    | NA                        | 6904.99                     | 6913.35                                           | 6916.19                               | 2.84                                    | 16.59                   | 6.0                             | 16.0                               |
| MKTF-25  | 11/14/2014    | ND                           | 8.62                                    | NA                        | 6904.73                     | 6913.35                                           | 6916.19                               | 2.84                                    | 16.59                   | 6.0                             | 16.0                               |
| MKTF-25  | 3/11/2015     | ND                           | 8.01                                    | NA                        | 6905.34                     | 6913.35                                           | 6916.19                               | 2.84                                    | 16.59                   | 6.0                             | 16.0                               |
| MKTF-25  | 6/10/2015     | ND                           | 8.20                                    | NA                        | 6905.15                     | 6913.35                                           | 6916.19                               | 2.84                                    | 16.59                   | 6.0                             | 16.0                               |
| MKTF-25  | 8/21/2015     | ND                           | 7.76                                    | NA                        | 6905.59                     | 6913.35                                           | 6916.19                               | 2.84                                    | 17.59                   | 6.0                             | 16.0                               |
| MKTF-25  | 2/23/2016     | ND                           | 7.99                                    | NA                        | 6905.36                     | 6913.35                                           | 6916.19                               | 2.84                                    | 16.59                   | 6.0                             | 16.0                               |
| MKTF-25  | 6/9/2016      | ND                           | 8.38                                    | NA                        | 6904.97                     | 6913.35                                           | 6916.19                               | 2.84                                    | 16.59                   | 6.0                             | 16.0                               |
| MKTF-25  | 9/8/2016      | ND                           | 9.33                                    | NA                        | 6904.02                     | 6913.35                                           | 6916.19                               | 2.84                                    | 17.59                   | 6.0                             | 16.0                               |
| MKTF-25  | 11/5/2016     | ND                           | 8.36                                    | NA                        | 6904.99                     | 6913.35                                           | 6916.19                               | 2.84                                    | 16.59                   | 6.0                             | 16.0                               |
| MKTF-25  | 3/6/2017      | ND                           | 6.68                                    | NA                        | 6906.67                     | 6913.35                                           | 6916.19                               | 2.84                                    | 16.59                   | 6.0                             | 16.0                               |
| MKTF-25  | 6/5/2017      | ND                           | 7.39                                    | NA                        | 6905.96                     | 6913.35                                           | 6916.19                               | 2.84                                    | 16.59                   | 6.0                             | 16.0                               |
| MKTF-25  | 9/25/2017     | ND                           | 8.20                                    | NA                        | 6905.15                     | 6913.35                                           | 6916.19                               | 2.84                                    | 16.59                   | 6.0                             | 16.0                               |
| MKTF-25  | 11/21/2017    | ND                           | 8.27                                    | NA                        | 6905.08                     | 6913.35                                           | 6916.19                               | 2.84                                    | 16.96                   | 6.0                             | 16.0                               |
| MKTF-25  | 2/5/2018      | ND                           | 8.36                                    | NA                        | 6904.99                     | 6913.35                                           | 6916.19                               | 2.84                                    | 16.71                   | 6.0                             | 16.0                               |
| MKTF-25  | 4/25/2018     | ND                           | 8.34                                    | NA                        | 6905.01                     | 6913.35                                           | 6916.19                               | 2.84                                    | 16.66                   | 6.0                             | 16.0                               |
| MKTF-25  | 8/15/2018     | ND                           | 9.52                                    | NA                        | 6903.83                     | 6913.35                                           | 6916.19                               | 2.84                                    | 16.94                   | 6.0                             | 16.0                               |
| MKTF-25  | 11/14/2018    | ND                           | 10.51                                   | NA                        | 6902.84                     | 6913.35                                           | 6916.19                               | 2.84                                    | 16.96                   | 6.0                             | 16.0                               |
| MKTF-25  | 2/14/2019     | ND                           | 10.29                                   | NA                        | 6903.06                     | 6913.35                                           | 6916.19                               | 2.84                                    | 16.59                   | 6.0                             | 16.0                               |
| MKTF-25  | 5/6/2019      | ND                           | 9.16                                    | NA                        | 6904.19                     | 6913.35                                           | 6916.19                               | 2.84                                    | 16.59                   | 6.0                             | 16.0                               |
| MKTF-25  | 8/23/2019     | ND                           | 10.28                                   | NA                        | 6903.07                     | 6913.35                                           | 6916.19                               | 2.84                                    | 16.94                   | 6.0                             | 16.0                               |
| MKTF-25  | 8/27/2019     | ND                           | 10.39                                   | NA                        | 6902.96                     | 6913.35                                           | 6916.19                               | 2.84                                    | 17.94                   | 6.0                             | 16.0                               |
| MKTF-25  | 10/22/2019    | ND                           | 10.88                                   | NA                        | 6902.47                     | 6913.35                                           | 6916.19                               | 2.84                                    | 16.96                   | 6.0                             | 16.0                               |
| MKTF-25  | 2/26/2020     | ND                           | 10.10                                   | NA                        | 6903.25                     | 6913.35                                           | 6916.19                               | 2.84                                    | 16.59                   | 6.0                             | 16.0                               |
| MKTF-25  | 6/26/2020     | ND                           | 10.49                                   | NA                        | 6902.86                     | 6913.35                                           | 6916.19                               | 2.84                                    | 16.59                   | 6.0                             | 16.0                               |
| MKTF-25  | 9/15/2020     | ND                           | 11.06                                   | NA                        | 6902.29                     | 6913.35                                           | 6916.19                               | 2.84                                    | 17.25                   | 6.0                             | 16.0                               |
| MKTF-25  | 11/10/2020    | ND                           | 10.91                                   | NA                        | 6902.44                     | 6913.35                                           | 6916.19                               | 2.84                                    | 17.25                   | 6.0                             | 16.0                               |
| MKTF-25  | 12/4/2020     | ND                           | 10.78                                   | NA                        | 6902.57                     | 6913.35                                           | 6916.19                               | 2.84                                    | 17.54                   | 6.0                             | 16.0                               |
| MKTF-25  | 1/28/2021     | ND                           | 10.70                                   | NA                        | 6902.65                     | 6913.35                                           | 6916.19                               | 2.84                                    | 17.54                   | 6.0                             | 16.0                               |
| MKTF-25  | 2/27/2021     | ND                           | 10.62                                   | NA                        | 6902.73                     | 6913.35                                           | 6916.19                               | 2.84                                    | 17.25                   | 6.0                             | 16.0                               |
| MKTF-25  | 3/31/2021     | ND                           | 10.57                                   | NA                        | 6902.78                     | 6913.35                                           | 6916.19                               | 2.84                                    | 17.25                   | 6.0                             | 16.0                               |
| MKTF-25  | 4/26/2021     | ND                           | 11.30                                   | NA                        | 6902.05                     | 6913.35                                           | 6916.19                               | 2.84                                    | 17.25                   | 6.0                             | 16.0                               |
| MKTF-25  | 5/20/2021     | ND                           | 10.48                                   | NA                        | 6902.87                     | 6913.35                                           | 6916.19                               | 2.84                                    | 17.25                   | 6.0                             | 16.0                               |
| MKTF-25  | 6/1/2021      | ND                           | 10.72                                   | NA                        | 6902.63                     | 6913.35                                           | 6916.19                               | 2.84                                    | 17.25                   | 6.0                             | 16.0                               |
| MKTF-25  | 9/8/2021      | ND                           | 11.61                                   | NA                        | 6901.74                     | 6913.35                                           | 6916.19                               | 2.84                                    | 17.25                   | 6.0                             | 16.0                               |
| MKTF-25  | 12/16/2021    | ND                           | 10.88                                   | NA                        | 6902.47                     | 6913.35                                           | 6916.19                               | 2.84                                    | 17.25                   | 6.0                             | 16.0                               |
| MKTF-25  | 1/10/2022     | ND                           | 10.71                                   | NA                        | 6902.64                     | 6913.35                                           | 6916.19                               | 2.84                                    | 17.23                   | 6.0                             | 16.0                               |
| MKTF-25  | 2/28/2022     | ND                           | 10.66                                   | NA                        | 6902.69                     | 6913.35                                           | 6916.19                               | 2.84                                    | 17.23                   | 6.0                             | 16.0                               |
| MKTF-25  | 3/2/2022      | ND                           | 10.86                                   | NA                        | 6902.49                     | 6913.35                                           | 6916.19                               | 2.84                                    | 17.24                   | 6.0                             | 16.0                               |
| MKTF-25  | 4/27/2022     | ND                           | 11.30                                   | NA                        | 6902.05                     | 6913.35                                           | 6916.19                               | 2.84                                    | 17.24                   | 6.0                             | 16.0                               |
| MKTF-25  | 5/5/2022      | ND                           | 11.17                                   | NA                        | 6902.18                     | 6913.35                                           | 6916.19                               | 2.84                                    | 17.24                   | 6.0                             | 16.0                               |
| MKTF-25  | 6/2/2022      | 10.79                        | 10.81                                   | 0.02                      | 6902.54                     | 6913.35                                           | 6916.19                               | 2.84                                    | 17.54                   | 6.0                             | 16.0                               |
| MKTF-25  | 7/6/2022      | 10.62                        | 10.66                                   | 0.04                      | 6902.69                     | 6913.35                                           | 6916.19                               | 2.84                                    | 17.24                   | 6.0                             | 16.0                               |
| MKTF-25  | 8/8/2022      | 10.76                        | 10.79                                   | 0.03                      | 6902.56                     | 6913.35                                           | 6916.19                               | 2.84                                    | 17.24                   | 6.0                             | 16.0                               |
| MKTF-25  | 9/5/2022      | 10.73                        | 10.75                                   | 0.02                      | 6902.60                     | 6913.35                                           | 6916.19                               | 2.84                                    | 17.24                   | 6.0                             | 16.0                               |
| MKTF-25  | 10/3/2022     | 10.79                        | 10.82                                   | 0.03                      | 6902.53                     | 6913.35                                           | 6916.19                               | 2.84                                    | 17.24                   | 6.0                             | 16.0                               |
| MKTF-25  | 11/2/2022     | 10.79                        | 10.82                                   | 0.03                      | 6902.53                     | 6913.35                                           | 6916.19                               | 2.84                                    | 17.24                   | 6.0                             | 16.0                               |
| MKTF-25  | 12/6/2022     | 10.80                        | 10.84                                   | 0.04                      | 6902.51                     | 6913.35                                           | 6916.19                               | 2.84                                    | 17.24                   | 6.0                             | 16.0                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MKTF-26  | 6/4/2014      | ND                           | 5.87                                    | NA                        | 6906.68                     | 6912.55                                           | 6915.31                               | 2.76                                    | 14.39                   | 4.0                             | 14.0                               |
| MKTF-26  | 9/23/2014     | ND                           | 6.54                                    | NA                        | 6906.01                     | 6912.55                                           | 6915.31                               | 2.76                                    | 14.39                   | 4.0                             | 14.0                               |
| MKTF-26  | 11/14/2014    | ND                           | 5.96                                    | NA                        | 6906.59                     | 6912.55                                           | 6915.31                               | 2.76                                    | 14.39                   | 4.0                             | 14.0                               |
| MKTF-26  | 3/11/2015     | ND                           | 5.24                                    | NA                        | 6907.31                     | 6912.55                                           | 6915.31                               | 2.76                                    | 14.39                   | 4.0                             | 14.0                               |
| MKTF-26  | 6/10/2015     | ND                           | 5.81                                    | NA                        | 6906.74                     | 6912.55                                           | 6915.31                               | 2.76                                    | 14.39                   | 4.0                             | 14.0                               |
| MKTF-26  | 8/20/2015     | ND                           | 5.78                                    | NA                        | 6906.77                     | 6912.55                                           | 6915.31                               | 2.76                                    | 15.39                   | 4.0                             | 14.0                               |
| MKTF-26  | 11/4/2015     | ND                           | 5.64                                    | NA                        | 6906.91                     | 6912.55                                           | 6915.31                               | 2.76                                    | 14.39                   | 4.0                             | 14.0                               |
| MKTF-26  | 2/22/2016     | ND                           | 5.41                                    | NA                        | 6907.14                     | 6912.55                                           | 6915.31                               | 2.76                                    | 14.39                   | 4.0                             | 14.0                               |
| MKTF-26  | 6/9/2016      | ND                           | 6.84                                    | NA                        | 6905.71                     | 6912.55                                           | 6915.31                               | 2.76                                    | 14.39                   | 4.0                             | 14.0                               |
| MKTF-26  | 9/7/2016      | 6.68                         | 8.05                                    | 1.37                      | 6904.50                     | 6912.55                                           | 6915.31                               | 2.76                                    | 15.39                   | 4.0                             | 14.0                               |
| MKTF-26  | 11/4/2016     | ND                           | 5.64                                    | NA                        | 6906.91                     | 6912.55                                           | 6915.31                               | 2.76                                    | 14.39                   | 4.0                             | 14.0                               |
| MKTF-26  | 3/6/2017      | 4.68                         | 5.43                                    | 0.75                      | 6907.12                     | 6912.55                                           | 6915.31                               | 2.76                                    | 14.39                   | 4.0                             | 14.0                               |
| MKTF-26  | 6/5/2017      | 5.27                         | 6.23                                    | 0.96                      | 6906.32                     | 6912.55                                           | 6915.31                               | 2.76                                    | 14.39                   | 4.0                             | 14.0                               |
| MKTF-26  | 10/3/2017     | 5.01                         | 5.84                                    | 0.83                      | 6906.71                     | 6912.55                                           | 6915.31                               | 2.76                                    | 14.39                   | 4.0                             | 14.0                               |
| MKTF-26  | 11/20/2017    | 5.33                         | 6.17                                    | 0.84                      | 6906.38                     | 6912.55                                           | 6915.31                               | 2.76                                    | 14.39                   | 4.0                             | 14.0                               |
| MKTF-26  | 2/7/2018      | 5.77                         | 6.60                                    | 0.83                      | 6905.95                     | 6912.55                                           | 6915.31                               | 2.76                                    | 14.39                   | 4.0                             | 14.0                               |
| MKTF-26  | 4/25/2018     | 5.80                         | 6.61                                    | 0.81                      | 6905.94                     | 6912.55                                           | 6915.31                               | 2.76                                    | 14.29                   | 4.0                             | 14.0                               |
| MKTF-26  | 8/15/2018     | 5.97                         | 6.81                                    | 0.84                      | 6905.74                     | 6912.55                                           | 6915.31                               | 2.76                                    | 14.41                   | 4.0                             | 14.0                               |
| MKTF-26  | 11/14/2018    | 5.69                         | 7.14                                    | 1.45                      | 6905.41                     | 6912.55                                           | 6915.31                               | 2.76                                    | 14.39                   | 4.0                             | 14.0                               |
| MKTF-26  | 2/14/2019     | 5.62                         | 6.39                                    | 0.77                      | 6906.16                     | 6912.55                                           | 6915.31                               | 2.76                                    | 14.39                   | 4.0                             | 14.0                               |
| MKTF-26  | 5/6/2019      | 5.04                         | 5.89                                    | 0.85                      | 6906.66                     | 6912.55                                           | 6915.31                               | 2.76                                    | 14.39                   | 4.0                             | 14.0                               |
| MKTF-26  | 8/23/2019     | 5.46                         | 6.29                                    | 0.83                      | 6906.26                     | 6912.55                                           | 6915.31                               | 2.76                                    | 14.41                   | 4.0                             | 14.0                               |
| MKTF-26  | 10/22/2019    | 5.87                         | 6.60                                    | 0.73                      | 6905.95                     | 6912.55                                           | 6915.31                               | 2.76                                    | 14.39                   | 4.0                             | 14.0                               |
| MKTF-26  | 2/26/2020     | 5.59                         | 6.35                                    | 0.76                      | 6906.20                     | 6912.55                                           | 6915.31                               | 2.76                                    | 14.39                   | 4.0                             | 14.0                               |
| MKTF-26  | 6/26/2020     | 5.85                         | 6.74                                    | 0.89                      | 6905.81                     | 6912.55                                           | 6915.31                               | 2.76                                    | 14.39                   | 4.0                             | 14.0                               |
| MKTF-26  | 9/15/2020     | 6.05                         | 6.80                                    | 0.75                      | 6905.75                     | 6912.55                                           | 6915.31                               | 2.76                                    | 14.09                   | 4.0                             | 14.0                               |
| MKTF-26  | 11/10/2020    | 5.89                         | 6.60                                    | 0.71                      | 6905.95                     | 6912.55                                           | 6915.31                               | 2.76                                    | 14.09                   | 4.0                             | 14.0                               |
| MKTF-26  | 12/4/2020     | 4.91                         | 6.63                                    | 1.72                      | 6905.92                     | 6912.55                                           | 6915.31                               | 2.76                                    | 14.40                   | 4.0                             | 14.0                               |
| MKTF-26  | 1/28/2021     | 6.17                         | 6.44                                    | 0.27                      | 6906.11                     | 6912.55                                           | 6915.31                               | 2.76                                    | 14.40                   | 4.0                             | 14.0                               |
| MKTF-26  | 2/27/2021     | 6.12                         | 6.29                                    | 0.17                      | 6906.26                     | 6912.55                                           | 6915.31                               | 2.76                                    | 14.14                   | 4.0                             | 14.0                               |
| MKTF-26  | 3/31/2021     | 6.24                         | 6.35                                    | 0.11                      | 6906.20                     | 6912.55                                           | 6915.31                               | 2.76                                    | 14.14                   | 4.0                             | 14.0                               |
| MKTF-26  | 4/26/2021     | 6.05                         | 6.16                                    | 0.11                      | 6906.39                     | 6912.55                                           | 6915.31                               | 2.76                                    | 14.14                   | 4.0                             | 14.0                               |
| MKTF-26  | 5/20/2021     | 6.26                         | 6.38                                    | 0.12                      | 6906.17                     | 6912.55                                           | 6915.31                               | 2.76                                    | 14.14                   | 4.0                             | 14.0                               |
| MKTF-26  | 6/1/2021      | 6.34                         | 6.43                                    | 0.09                      | 6906.12                     | 6912.55                                           | 6915.31                               | 2.76                                    | 14.14                   | 4.0                             | 14.0                               |
| MKTF-26  | 9/9/2021      | 6.01                         | 6.05                                    | 0.04                      | 6906.50                     | 6912.55                                           | 6915.31                               | 2.76                                    | 14.14                   | 4.0                             | 14.0                               |
| MKTF-26  | 12/9/2021     | 6.01                         | 6.20                                    | 0.19                      | 6906.35                     | 6912.55                                           | 6915.31                               | 2.76                                    | 14.14                   | 4.0                             | 14.0                               |
| MKTF-26  | 1/10/2022     | ND                           | 6.06                                    | NA                        | 6906.49                     | 6912.55                                           | 6915.31                               | 2.76                                    | 14.14                   | 4.0                             | 14.0                               |
| MKTF-26  | 2/28/2022     | ND                           | 6.05                                    | NA                        | 6906.50                     | 6912.55                                           | 6915.31                               | 2.76                                    | 14.14                   | 4.0                             | 14.0                               |
| MKTF-26  | 3/2/2022      | 6.09                         | 6.22                                    | 0.13                      | 6906.33                     | 6912.55                                           | 6915.31                               | 2.76                                    | 14.14                   | 4.0                             | 14.0                               |
| MKTF-26  | 4/27/2022     | 6.09                         | 6.19                                    | 0.10                      | 6906.36                     | 6912.55                                           | 6915.31                               | 2.76                                    | 14.14                   | 4.0                             | 14.0                               |
| MKTF-26  | 5/5/2022      | 6.08                         | 6.20                                    | 0.12                      | 6906.35                     | 6912.55                                           | 6915.31                               | 2.76                                    | 14.14                   | 4.0                             | 14.0                               |
| MKTF-26  | 6/1/2022      | 6.20                         | 6.22                                    | 0.02                      | 6906.33                     | 6912.55                                           | 6915.31                               | 2.76                                    | 14.14                   | 4.0                             | 14.0                               |
| MKTF-26  | 7/6/2022      | 5.89                         | 5.92                                    | 0.03                      | 6906.63                     | 6912.55                                           | 6915.31                               | 2.76                                    | 14.14                   | 4.0                             | 14.0                               |
| MKTF-26  | 8/8/2022      | 5.92                         | 5.94                                    | 0.02                      | 6906.61                     | 6912.55                                           | 6915.31                               | 2.76                                    | 14.14                   | 4.0                             | 14.0                               |
| MKTF-26  | 9/5/2022      | 6.20                         | 6.24                                    | 0.04                      | 6906.31                     | 6912.55                                           | 6915.31                               | 2.76                                    | 14.14                   | 4.0                             | 14.0                               |
| MKTF-26  | 10/3/2022     | 6.22                         | 6.28                                    | 0.06                      | 6906.27                     | 6912.55                                           | 6915.31                               | 2.76                                    | 14.14                   | 4.0                             | 14.0                               |
| MKTF-26  | 11/2/2022     | 6.24                         | 6.31                                    | 0.07                      | 6906.24                     | 6912.55                                           | 6915.31                               | 2.76                                    | 14.14                   | 4.0                             | 14.0                               |
| MKTF-26  | 12/6/2022     | 6.27                         | 6.34                                    | 0.07                      | 6906.21                     | 6912.55                                           | 6915.31                               | 2.76                                    | 14.14                   | 4.0                             | 14.0                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MKTF-27  | 6/4/2014      | ND                           | 5.13                                    | NA                        | 6910.23                     | 6915.36                                           | 6917.90                               | 2.54                                    | 12.18                   | 2.0                             | 12.0                               |
| MKTF-27  | 9/23/2014     | ND                           | 6.06                                    | NA                        | 6909.30                     | 6915.36                                           | 6917.90                               | 2.54                                    | 12.18                   | 2.0                             | 12.0                               |
| MKTF-27  | 11/14/2014    | ND                           | 5.61                                    | NA                        | 6909.75                     | 6915.36                                           | 6917.90                               | 2.54                                    | 12.18                   | 2.0                             | 12.0                               |
| MKTF-27  | 3/11/2015     | ND                           | 4.56                                    | NA                        | 6910.80                     | 6915.36                                           | 6917.90                               | 2.54                                    | 12.18                   | 2.0                             | 12.0                               |
| MKTF-27  | 6/9/2015      | ND                           | 4.90                                    | NA                        | 6910.46                     | 6915.36                                           | 6917.90                               | 2.54                                    | 12.18                   | 2.0                             | 12.0                               |
| MKTF-27  | 8/20/2015     | ND                           | 5.31                                    | NA                        | 6910.05                     | 6915.36                                           | 6917.90                               | 2.54                                    | 13.18                   | 2.0                             | 12.0                               |
| MKTF-27  | 11/4/2015     | ND                           | 4.99                                    | NA                        | 6910.37                     | 6915.36                                           | 6917.90                               | 2.54                                    | 12.18                   | 2.0                             | 12.0                               |
| MKTF-27  | 2/22/2016     | ND                           | 4.66                                    | NA                        | 6910.70                     | 6915.36                                           | 6917.90                               | 2.54                                    | 12.18                   | 2.0                             | 12.0                               |
| MKTF-27  | 6/8/2016      | ND                           | 4.97                                    | NA                        | 6910.39                     | 6915.36                                           | 6917.90                               | 2.54                                    | 12.18                   | 2.0                             | 12.0                               |
| MKTF-27  | 9/7/2016      | ND                           | 5.52                                    | NA                        | 6909.84                     | 6915.36                                           | 6917.90                               | 2.54                                    | 13.18                   | 2.0                             | 12.0                               |
| MKTF-27  | 11/4/2016     | ND                           | 4.99                                    | NA                        | 6910.37                     | 6915.36                                           | 6917.90                               | 2.54                                    | 12.18                   | 2.0                             | 12.0                               |
| MKTF-27  | 3/6/2017      | ND                           | 3.48                                    | NA                        | 6911.88                     | 6915.36                                           | 6917.90                               | 2.54                                    | 12.18                   | 2.0                             | 12.0                               |
| MKTF-27  | 6/5/2017      | ND                           | 3.78                                    | NA                        | 6911.58                     | 6915.36                                           | 6917.90                               | 2.54                                    | 12.18                   | 2.0                             | 12.0                               |
| MKTF-27  | 10/3/2017     | ND                           | 3.36                                    | NA                        | 6912.00                     | 6915.36                                           | 6917.90                               | 2.54                                    | 12.18                   | 2.0                             | 12.0                               |
| MKTF-27  | 11/20/2017    | ND                           | 3.44                                    | NA                        | 6911.92                     | 6915.36                                           | 6917.90                               | 2.54                                    | 12.18                   | 2.0                             | 12.0                               |
| MKTF-27  | 2/6/2018      | ND                           | 3.71                                    | NA                        | 6911.65                     | 6915.36                                           | 6917.90                               | 2.54                                    | 12.18                   | 2.0                             | 12.0                               |
| MKTF-27  | 4/25/2018     | ND                           | 3.80                                    | NA                        | 6911.56                     | 6915.36                                           | 6917.90                               | 2.54                                    | 12.08                   | 2.0                             | 12.0                               |
| MKTF-27  | 8/15/2018     | ND                           | 3.61                                    | NA                        | 6911.75                     | 6915.36                                           | 6917.90                               | 2.54                                    | 12.18                   | 2.0                             | 12.0                               |
| MKTF-27  | 11/14/2018    | ND                           | 3.77                                    | NA                        | 6911.59                     | 6915.36                                           | 6917.90                               | 2.54                                    | 12.18                   | 2.0                             | 12.0                               |
| MKTF-27  | 2/25/2019     | ND                           | 1.21                                    | NA                        | 6914.15                     | 6915.36                                           | 6917.90                               | 2.54                                    | 12.18                   | 2.0                             | 12.0                               |
| MKTF-27  | 5/6/2019      | ND                           | 3.19                                    | NA                        | 6912.17                     | 6915.36                                           | 6917.90                               | 2.54                                    | 12.18                   | 2.0                             | 12.0                               |
| MKTF-27  | 8/21/2019     | ND                           | 3.12                                    | NA                        | 6912.24                     | 6915.36                                           | 6917.90                               | 2.54                                    | 12.18                   | 2.0                             | 12.0                               |
| MKTF-27  | 10/30/2019    | ND                           | 3.60                                    | NA                        | 6911.76                     | 6915.36                                           | 6917.90                               | 2.54                                    | 12.18                   | 2.0                             | 12.0                               |
| MKTF-27  | 2/24/2020     | ND                           | 1.07                                    | NA                        | 6914.29                     | 6915.36                                           | 6917.90                               | 2.54                                    | 12.18                   | 2.0                             | 12.0                               |
| MKTF-27  | 6/30/2020     | ND                           | 4.16                                    | NA                        | 6911.20                     | 6915.36                                           | 6917.90                               | 2.54                                    | 12.18                   | 2.0                             | 12.0                               |
| MKTF-27  | 9/15/2020     | ND                           | 3.67                                    | NA                        | 6911.69                     | 6915.36                                           | 6917.90                               | 2.54                                    | 12.18                   | 2.0                             | 12.0                               |
| MKTF-27  | 11/10/2020    | ND                           | 4.18                                    | NA                        | 6911.18                     | 6915.36                                           | 6917.90                               | 2.54                                    | 12.18                   | 2.0                             | 12.0                               |
| MKTF-27  | 12/4/2020     | ND                           | 3.93                                    | NA                        | 6911.43                     | 6915.36                                           | 6917.90                               | 2.54                                    | 12.20                   | 2.0                             | 12.0                               |
| MKTF-27  | 1/28/2021     | ND                           | 4.08                                    | NA                        | 6911.28                     | 6915.36                                           | 6917.90                               | 2.54                                    | 12.20                   | 2.0                             | 12.0                               |
| MKTF-27  | 2/28/2021     | ND                           | 2.97                                    | NA                        | 6912.39                     | 6915.36                                           | 6917.90                               | 2.54                                    | 12.22                   | 2.0                             | 12.0                               |
| MKTF-27  | 3/31/2021     | ND                           | 3.94                                    | NA                        | 6911.42                     | 6915.36                                           | 6917.90                               | 2.54                                    | 12.22                   | 2.0                             | 12.0                               |
| MKTF-27  | 4/26/2021     | ND                           | 3.64                                    | NA                        | 6911.72                     | 6915.36                                           | 6917.90                               | 2.54                                    | 12.22                   | 2.0                             | 12.0                               |
| MKTF-27  | 5/20/2021     | ND                           | 3.98                                    | NA                        | 6911.38                     | 6915.36                                           | 6917.90                               | 2.54                                    | 12.22                   | 2.0                             | 12.0                               |
| MKTF-27  | 6/1/2021      | ND                           | 4.15                                    | NA                        | 6911.21                     | 6915.36                                           | 6917.90                               | 2.54                                    | 12.22                   | 2.0                             | 12.0                               |
| MKTF-27  | 9/9/2021      | ND                           | 4.46                                    | NA                        | 6910.90                     | 6915.36                                           | 6917.90                               | 2.54                                    | 12.22                   | 2.0                             | 12.0                               |
| MKTF-27  | 12/13/2021    | ND                           | 4.07                                    | NA                        | 6911.29                     | 6915.36                                           | 6917.90                               | 2.54                                    | 12.22                   | 2.0                             | 12.0                               |
| MKTF-27  | 1/10/2022     | ND                           | 4.33                                    | NA                        | 6911.03                     | 6915.36                                           | 6917.90                               | 2.54                                    | 12.22                   | 2.0                             | 12.0                               |
| MKTF-27  | 2/28/2022     | ND                           | 4.31                                    | NA                        | 6911.05                     | 6915.36                                           | 6917.90                               | 2.54                                    | 12.22                   | 2.0                             | 12.0                               |
| MKTF-27  | 3/1/2022      | ND                           | 4.04                                    | NA                        | 6911.32                     | 6915.36                                           | 6917.90                               | 2.54                                    | 12.21                   | 2.0                             | 12.0                               |
| MKTF-27  | 4/27/2022     | ND                           | 3.86                                    | NA                        | 6911.50                     | 6915.36                                           | 6917.90                               | 2.54                                    | 12.21                   | 2.0                             | 12.0                               |
| MKTF-27  | 5/5/2022      | ND                           | 4.07                                    | NA                        | 6911.29                     | 6915.36                                           | 6917.90                               | 2.54                                    | 12.21                   | 2.0                             | 12.0                               |
| MKTF-27  | 6/2/2022      | ND                           | 4.58                                    | NA                        | 6910.78                     | 6915.36                                           | 6917.90                               | 2.54                                    | 12.20                   | 2.0                             | 12.0                               |
| MKTF-27  | 7/6/2022      | ND                           | 4.55                                    | NA                        | 6910.81                     | 6915.36                                           | 6917.90                               | 2.54                                    | 12.19                   | 2.0                             | 12.0                               |
| MKTF-27  | 8/8/2022      | ND                           | 4.42                                    | NA                        | 6910.94                     | 6915.36                                           | 6917.90                               | 2.54                                    | 12.18                   | 2.0                             | 12.0                               |
| MKTF-27  | 9/2/2022      | ND                           | 4.81                                    | NA                        | 6910.55                     | 6915.36                                           | 6917.90                               | 2.54                                    | 12.21                   | 2.0                             | 12.0                               |
| MKTF-27  | 10/3/2022     | ND                           | 4.90                                    | NA                        | 6910.46                     | 6915.36                                           | 6917.90                               | 2.54                                    | 12.21                   | 2.0                             | 12.0                               |
| MKTF-27  | 11/2/2022     | ND                           | 6.48                                    | NA                        | 6908.88                     | 6915.36                                           | 6917.90                               | 2.54                                    | 12.21                   | 2.0                             | 12.0                               |
| MKTF-27  | 12/8/2022     | ND                           | 4.27                                    | NA                        | 6911.09                     | 6915.36                                           | 6917.90                               | 2.54                                    | 12.24                   | 2.0                             | 12.0                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MKTF-28  | 6/6/2014      | ND                           | 8.95                                    | NA                        | 6909.72                     | 6918.67                                           | 6921.52                               | 2.85                                    | 13.31                   | 3.0                             | 13.0                               |
| MKTF-28  | 9/23/2014     | ND                           | 3.35                                    | NA                        | 6915.32                     | 6918.67                                           | 6921.52                               | 2.85                                    | 13.31                   | 3.0                             | 13.0                               |
| MKTF-28  | 11/14/2014    | ND                           | 3.15                                    | NA                        | 6915.52                     | 6918.67                                           | 6921.52                               | 2.85                                    | 13.31                   | 3.0                             | 13.0                               |
| MKTF-28  | 3/11/2015     | ND                           | 3.79                                    | NA                        | 6914.88                     | 6918.67                                           | 6921.52                               | 2.85                                    | 13.31                   | 3.0                             | 13.0                               |
| MKTF-28  | 6/9/2015      | ND                           | 2.55                                    | NA                        | 6916.12                     | 6918.67                                           | 6921.52                               | 2.85                                    | 13.31                   | 3.0                             | 13.0                               |
| MKTF-28  | 8/20/2015     | ND                           | 3.57                                    | NA                        | 6915.10                     | 6918.67                                           | 6921.52                               | 2.85                                    | 14.31                   | 3.0                             | 13.0                               |
| MKTF-28  | 11/4/2015     | ND                           | 2.89                                    | NA                        | 6915.78                     | 6918.67                                           | 6921.52                               | 2.85                                    | 13.31                   | 3.0                             | 13.0                               |
| MKTF-28  | 2/23/2016     | ND                           | 2.47                                    | NA                        | 6916.20                     | 6918.67                                           | 6921.52                               | 2.85                                    | 13.31                   | 3.0                             | 13.0                               |
| MKTF-28  | 6/8/2016      | ND                           | 2.43                                    | NA                        | 6916.24                     | 6918.67                                           | 6921.52                               | 2.85                                    | 13.31                   | 3.0                             | 13.0                               |
| MKTF-28  | 9/8/2016      | ND                           | 3.55                                    | NA                        | 6915.12                     | 6918.67                                           | 6921.52                               | 2.85                                    | 14.31                   | 3.0                             | 13.0                               |
| MKTF-28  | 11/4/2016     | ND                           | 2.89                                    | NA                        | 6915.78                     | 6918.67                                           | 6921.52                               | 2.85                                    | 13.31                   | 3.0                             | 13.0                               |
| MKTF-28  | 3/6/2017      | ND                           | 1.83                                    | NA                        | 6916.84                     | 6918.67                                           | 6921.52                               | 2.85                                    | 13.31                   | 3.0                             | 13.0                               |
| MKTF-28  | 6/5/2017      | ND                           | 5.05                                    | NA                        | 6913.62                     | 6918.67                                           | 6921.52                               | 2.85                                    | 13.31                   | 3.0                             | 13.0                               |
| MKTF-28  | 10/3/2017     | ND                           | 1.43                                    | NA                        | 6917.24                     | 6918.67                                           | 6921.52                               | 2.85                                    | 13.31                   | 3.0                             | 13.0                               |
| MKTF-28  | 11/20/2017    | ND                           | 5.05                                    | NA                        | 6913.62                     | 6918.67                                           | 6921.52                               | 2.85                                    | 13.28                   | 3.0                             | 13.0                               |
| MKTF-28  | 2/6/2018      | ND                           | 3.88                                    | NA                        | 6914.79                     | 6918.67                                           | 6921.52                               | 2.85                                    | 13.28                   | 3.0                             | 13.0                               |
| MKTF-28  | 4/25/2018     | ND                           | 4.13                                    | NA                        | 6914.54                     | 6918.67                                           | 6921.52                               | 2.85                                    | 13.19                   | 3.0                             | 13.0                               |
| MKTF-28  | 8/15/2018     | ND                           | 1.60                                    | NA                        | 6917.07                     | 6918.67                                           | 6921.52                               | 2.85                                    | 13.30                   | 3.0                             | 13.0                               |
| MKTF-28  | 11/14/2018    | ND                           | 3.27                                    | NA                        | 6915.40                     | 6918.67                                           | 6921.52                               | 2.85                                    | 13.28                   | 3.0                             | 13.0                               |
| MKTF-28  | 2/25/2019     | ND                           | 2.06                                    | NA                        | 6916.61                     | 6918.67                                           | 6921.52                               | 2.85                                    | 13.31                   | 3.0                             | 13.0                               |
| MKTF-28  | 5/6/2019      | ND                           | 6.42                                    | NA                        | 6912.25                     | 6918.67                                           | 6921.52                               | 2.85                                    | 13.31                   | 3.0                             | 13.0                               |
| MKTF-28  | 8/21/2019     | ND                           | 0.97                                    | NA                        | 6917.70                     | 6918.67                                           | 6921.52                               | 2.85                                    | 13.30                   | 3.0                             | 13.0                               |
| MKTF-28  | 10/22/2019    | ND                           | 3.53                                    | NA                        | 6915.14                     | 6918.67                                           | 6921.52                               | 2.85                                    | 13.28                   | 3.0                             | 13.0                               |
| MKTF-28  | 2/24/2020     | ND                           | 1.68                                    | NA                        | 6916.99                     | 6918.67                                           | 6921.52                               | 2.85                                    | 13.31                   | 3.0                             | 13.0                               |
| MKTF-28  | 6/30/2020     | ND                           | 1.99                                    | NA                        | 6916.68                     | 6918.67                                           | 6921.52                               | 2.85                                    | 13.31                   | 3.0                             | 13.0                               |
| MKTF-28  | 9/15/2020     | ND                           | 1.74                                    | NA                        | 6916.93                     | 6918.67                                           | 6921.52                               | 2.85                                    | 13.32                   | 3.0                             | 13.0                               |
| MKTF-28  | 11/10/2020    | ND                           | 5.96                                    | NA                        | 6912.71                     | 6918.67                                           | 6921.52                               | 2.85                                    | 13.32                   | 3.0                             | 13.0                               |
| MKTF-28  | 12/4/2020     | ND                           | 4.28                                    | NA                        | 6914.39                     | 6918.67                                           | 6921.52                               | 2.85                                    | 13.31                   | 3.0                             | 13.0                               |
| MKTF-28  | 1/28/2021     | ND                           | 6.89                                    | NA                        | 6911.78                     | 6918.67                                           | 6921.52                               | 2.85                                    | 13.31                   | 3.0                             | 13.0                               |
| MKTF-28  | 2/28/2021     | ND                           | 5.33                                    | NA                        | 6913.34                     | 6918.67                                           | 6921.52                               | 2.85                                    | 13.31                   | 3.0                             | 13.0                               |
| MKTF-28  | 3/31/2021     | ND                           | 5.66                                    | NA                        | 6913.01                     | 6918.67                                           | 6921.52                               | 2.85                                    | 13.31                   | 3.0                             | 13.0                               |
| MKTF-28  | 4/26/2021     | ND                           | 5.62                                    | NA                        | 6913.05                     | 6918.67                                           | 6921.52                               | 2.85                                    | 13.31                   | 3.0                             | 13.0                               |
| MKTF-28  | 5/20/2021     | ND                           | 5.09                                    | NA                        | 6913.58                     | 6918.67                                           | 6921.52                               | 2.85                                    | 13.31                   | 3.0                             | 13.0                               |
| MKTF-28  | 6/1/2021      | ND                           | 5.02                                    | NA                        | 6913.65                     | 6918.67                                           | 6921.52                               | 2.85                                    | 13.31                   | 3.0                             | 13.0                               |
| MKTF-28  | 9/9/2021      | ND                           | 5.55                                    | NA                        | 6913.12                     | 6918.67                                           | 6921.52                               | 2.85                                    | 13.31                   | 3.0                             | 13.0                               |
| MKTF-28  | 12/13/2021    | ND                           | 4.72                                    | NA                        | 6913.95                     | 6918.67                                           | 6921.52                               | 2.85                                    | 13.31                   | 3.0                             | 13.0                               |
| MKTF-28  | 1/10/2022     | ND                           | 4.65                                    | NA                        | 6914.02                     | 6918.67                                           | 6921.52                               | 2.85                                    | 13.31                   | 3.0                             | 13.0                               |
| MKTF-28  | 2/28/2022     | ND                           | 4.67                                    | NA                        | 6914.00                     | 6918.67                                           | 6921.52                               | 2.85                                    | 13.31                   | 3.0                             | 13.0                               |
| MKTF-28  | 3/1/2022      | ND                           | 4.68                                    | NA                        | 6913.99                     | 6918.67                                           | 6921.52                               | 2.85                                    | 13.32                   | 3.0                             | 13.0                               |
| MKTF-28  | 4/27/2022     | ND                           | 4.51                                    | NA                        | 6914.16                     | 6918.67                                           | 6921.52                               | 2.85                                    | 13.32                   | 3.0                             | 13.0                               |
| MKTF-28  | 5/5/2022      | ND                           | 4.89                                    | NA                        | 6913.78                     | 6918.67                                           | 6921.52                               | 2.85                                    | 13.32                   | 3.0                             | 13.0                               |
| MKTF-28  | 6/2/2022      | ND                           | 6.01                                    | NA                        | 6912.66                     | 6918.67                                           | 6921.52                               | 2.85                                    | 13.31                   | 3.0                             | 13.0                               |
| MKTF-28  | 7/6/2022      | ND                           | 5.98                                    | NA                        | 6912.69                     | 6918.67                                           | 6921.52                               | 2.85                                    | 13.30                   | 3.0                             | 13.0                               |
| MKTF-28  | 8/8/2022      | ND                           | 5.90                                    | NA                        | 6912.77                     | 6918.67                                           | 6921.52                               | 2.85                                    | 13.29                   | 3.0                             | 13.0                               |
| MKTF-28  | 9/2/2022      | ND                           | 6.05                                    | NA                        | 6912.62                     | 6918.67                                           | 6921.52                               | 2.85                                    | 13.31                   | 3.0                             | 13.0                               |
| MKTF-28  | 10/3/2022     | ND                           | 6.18                                    | NA                        | 6912.49                     | 6918.67                                           | 6921.52                               | 2.85                                    | 13.31                   | 3.0                             | 13.0                               |
| MKTF-28  | 11/3/2022     | ND                           | 6.13                                    | NA                        | 6912.54                     | 6918.67                                           | 6921.52                               | 2.85                                    | 13.31                   | 3.0                             | 13.0                               |
| MKTF-28  | 12/8/2022     | ND                           | 7.40                                    | NA                        | 6911.27                     | 6918.67                                           | 6921.52                               | 2.85                                    | 13.30                   | 3.0                             | 13.0                               |



APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MKTF-29  | 6/6/2014      | ND                           | -0.65                                   | NA                        | 6899.48                     | 6898.83                                           | 6901.62                               | 2.79                                    | 20.05                   | 10.0                            | 20.0                               |
| MKTF-29  | 9/23/2014     | ND                           | 1.61                                    | NA                        | 6897.22                     | 6898.83                                           | 6901.62                               | 2.79                                    | 20.05                   | 10.0                            | 20.0                               |
| MKTF-29  | 11/14/2014    | ND                           | 0.26                                    | NA                        | 6898.57                     | 6898.83                                           | 6901.62                               | 2.79                                    | 20.05                   | 10.0                            | 20.0                               |
| MKTF-29  | 3/11/2015     | ND                           | -0.75                                   | NA                        | 6899.58                     | 6898.83                                           | 6901.62                               | 2.79                                    | 20.05                   | 10.0                            | 20.0                               |
| MKTF-29  | 6/10/2015     | ND                           | -0.10                                   | NA                        | 6898.93                     | 6898.83                                           | 6901.62                               | 2.79                                    | 20.05                   | 10.0                            | 20.0                               |
| MKTF-29  | 8/20/2015     | ND                           | -0.49                                   | NA                        | 6899.32                     | 6898.83                                           | 6901.62                               | 2.79                                    | 21.05                   | 10.0                            | 20.0                               |
| MKTF-29  | 11/4/2015     | ND                           | -0.39                                   | NA                        | 6899.22                     | 6898.83                                           | 6901.62                               | 2.79                                    | 20.05                   | 10.0                            | 20.0                               |
| MKTF-29  | 2/23/2016     | ND                           | -0.87                                   | NA                        | 6899.70                     | 6898.83                                           | 6901.62                               | 2.79                                    | 20.05                   | 10.0                            | 20.0                               |
| MKTF-29  | 6/9/2016      | ND                           | -0.10                                   | NA                        | 6898.93                     | 6898.83                                           | 6901.62                               | 2.79                                    | 20.05                   | 10.0                            | 20.0                               |
| MKTF-29  | 9/7/2016      | ND                           | 1.73                                    | NA                        | 6897.10                     | 6898.83                                           | 6901.62                               | 2.79                                    | 21.05                   | 10.0                            | 20.0                               |
| MKTF-29  | 11/4/2016     | ND                           | -0.39                                   | NA                        | 6899.22                     | 6898.83                                           | 6901.62                               | 2.79                                    | 20.05                   | 10.0                            | 20.0                               |
| MKTF-29  | 3/6/2017      | ND                           | -1.80                                   | NA                        | 6900.63                     | 6898.83                                           | 6901.62                               | 2.79                                    | 20.05                   | 10.0                            | 20.0                               |
| MKTF-29  | 6/5/2017      | ND                           | -1.84                                   | NA                        | 6900.67                     | 6898.83                                           | 6901.62                               | 2.79                                    | 20.05                   | 10.0                            | 20.0                               |
| MKTF-29  | 10/3/2017     | ND                           | -1.20                                   | NA                        | 6900.03                     | 6898.83                                           | 6901.62                               | 2.79                                    | 20.05                   | 10.0                            | 20.0                               |
| MKTF-29  | 11/20/2017    | ND                           | -0.88                                   | NA                        | 6899.71                     | 6898.83                                           | 6901.62                               | 2.79                                    | 20.01                   | 10.0                            | 20.0                               |
| MKTF-29  | 2/6/2018      | ND                           | -0.86                                   | NA                        | 6899.69                     | 6898.83                                           | 6901.62                               | 2.79                                    | 20.02                   | 10.0                            | 20.0                               |
| MKTF-29  | 4/25/2018     | ND                           | -0.67                                   | NA                        | 6899.50                     | 6898.83                                           | 6901.62                               | 2.79                                    | 19.98                   | 10.0                            | 20.0                               |
| MKTF-29  | 8/15/2018     | ND                           | 1.13                                    | NA                        | 6897.70                     | 6898.83                                           | 6901.62                               | 2.79                                    | 20.03                   | 10.0                            | 20.0                               |
| MKTF-29  | 11/14/2018    | ND                           | 1.30                                    | NA                        | 6897.53                     | 6898.83                                           | 6901.62                               | 2.79                                    | 20.01                   | 10.0                            | 20.0                               |
| MKTF-29  | 2/25/2019     | ND                           | 0.94                                    | NA                        | 6897.89                     | 6898.83                                           | 6901.62                               | 2.79                                    | 20.05                   | 10.0                            | 20.0                               |
| MKTF-29  | 5/6/2019      | ND                           | 0.93                                    | NA                        | 6897.90                     | 6898.83                                           | 6901.62                               | 2.79                                    | 20.05                   | 10.0                            | 20.0                               |
| MKTF-29  | 8/23/2019     | ND                           | 3.04                                    | NA                        | 6895.79                     | 6898.83                                           | 6901.62                               | 2.79                                    | 20.03                   | 10.0                            | 20.0                               |
| MKTF-29  | 10/22/2019    | ND                           | 3.53                                    | NA                        | 6895.30                     | 6898.83                                           | 6901.62                               | 2.79                                    | 20.01                   | 10.0                            | 20.0                               |
| MKTF-29  | 2/24/2020     | ND                           | 1.70                                    | NA                        | 6897.13                     | 6898.83                                           | 6901.62                               | 2.79                                    | 20.05                   | 10.0                            | 20.0                               |
| MKTF-29  | 6/26/2020     | ND                           | 3.63                                    | NA                        | 6895.20                     | 6898.83                                           | 6901.62                               | 2.79                                    | 20.05                   | 10.0                            | 20.0                               |
| MKTF-29  | 9/15/2020     | ND                           | 5.22                                    | NA                        | 6893.61                     | 6898.83                                           | 6901.62                               | 2.79                                    | 19.99                   | 10.0                            | 20.0                               |
| MKTF-29  | 11/10/2020    | ND                           | 4.19                                    | NA                        | 6894.64                     | 6898.83                                           | 6901.62                               | 2.79                                    | 19.99                   | 10.0                            | 20.0                               |
| MKTF-29  | 12/4/2020     | ND                           | 3.61                                    | NA                        | 6895.22                     | 6898.83                                           | 6901.62                               | 2.79                                    | 20.06                   | 10.0                            | 20.0                               |
| MKTF-29  | 1/28/2021     | ND                           | 2.82                                    | NA                        | 6896.01                     | 6898.83                                           | 6901.62                               | 2.79                                    | 20.06                   | 10.0                            | 20.0                               |
| MKTF-29  | 2/28/2021     | ND                           | 2.52                                    | NA                        | 6896.31                     | 6898.83                                           | 6901.62                               | 2.79                                    | 20.04                   | 10.0                            | 20.0                               |
| MKTF-29  | 3/31/2021     | ND                           | 2.41                                    | NA                        | 6896.42                     | 6898.83                                           | 6901.62                               | 2.79                                    | 20.04                   | 10.0                            | 20.0                               |
| MKTF-29  | 4/26/2021     | ND                           | 2.13                                    | NA                        | 6896.70                     | 6898.83                                           | 6901.62                               | 2.79                                    | 20.04                   | 10.0                            | 20.0                               |
| MKTF-29  | 5/20/2021     | ND                           | 2.42                                    | NA                        | 6896.41                     | 6898.83                                           | 6901.62                               | 2.79                                    | 20.04                   | 10.0                            | 20.0                               |
| MKTF-29  | 6/1/2021      | ND                           | 1.33                                    | NA                        | 6897.50                     | 6898.83                                           | 6901.62                               | 2.79                                    | 20.04                   | 10.0                            | 20.0                               |
| MKTF-29  | 9/9/2021      | ND                           | 5.96                                    | NA                        | 6892.87                     | 6898.83                                           | 6901.62                               | 2.79                                    | 20.04                   | 10.0                            | 20.0                               |
| MKTF-29  | 12/13/2021    | ND                           | 3.66                                    | NA                        | 6895.17                     | 6898.83                                           | 6901.62                               | 2.79                                    | 20.04                   | 10.0                            | 20.0                               |
| MKTF-29  | 1/10/2022     | ND                           | 3.85                                    | NA                        | 6894.98                     | 6898.83                                           | 6901.62                               | 2.79                                    | 20.04                   | 10.0                            | 20.0                               |
| MKTF-29  | 2/28/2022     | ND                           | 3.86                                    | NA                        | 6894.97                     | 6898.83                                           | 6901.62                               | 2.79                                    | 20.04                   | 10.0                            | 20.0                               |
| MKTF-29  | 3/1/2022      | ND                           | 3.63                                    | NA                        | 6895.20                     | 6898.83                                           | 6901.62                               | 2.79                                    | 20.05                   | 10.0                            | 20.0                               |
| MKTF-29  | 4/27/2022     | ND                           | 3.76                                    | NA                        | 6895.07                     | 6898.83                                           | 6901.62                               | 2.79                                    | 20.05                   | 10.0                            | 20.0                               |
| MKTF-29  | 5/5/2022      | ND                           | 4.08                                    | NA                        | 6894.75                     | 6898.83                                           | 6901.62                               | 2.79                                    | 20.05                   | 10.0                            | 20.0                               |
| MKTF-29  | 6/2/2022      | ND                           | 4.28                                    | NA                        | 6894.55                     | 6898.83                                           | 6901.62                               | 2.79                                    | 20.06                   | 10.0                            | 20.0                               |
| MKTF-29  | 7/6/2022      | ND                           | 4.39                                    | NA                        | 6894.44                     | 6898.83                                           | 6901.62                               | 2.79                                    | 20.07                   | 10.0                            | 20.0                               |
| MKTF-29  | 8/8/2022      | ND                           | 4.59                                    | NA                        | 6894.24                     | 6898.83                                           | 6901.62                               | 2.79                                    | 20.08                   | 10.0                            | 20.0                               |
| MKTF-29  | 9/2/2022      | ND                           | 6.01                                    | NA                        | 6892.82                     | 6898.83                                           | 6901.62                               | 2.79                                    | 20.06                   | 10.0                            | 20.0                               |
| MKTF-29  | 10/3/2022     | ND                           | 6.04                                    | NA                        | 6892.79                     | 6898.83                                           | 6901.62                               | 2.79                                    | 20.06                   | 10.0                            | 20.0                               |
| MKTF-29  | 11/3/2022     | ND                           | 6.22                                    | NA                        | 6892.61                     | 6898.83                                           | 6901.62                               | 2.79                                    | 20.06                   | 10.0                            | 20.0                               |
| MKTF-29  | 12/9/2022     | ND                           | 3.46                                    | NA                        | 6895.37                     | 6898.83                                           | 6901.62                               | 2.79                                    | 20.04                   | 10.0                            | 20.0                               |



APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MKTF-30  | 6/4/2014      | ND                           | 12.01                                   | NA                        | 6886.09                     | 6898.10                                           | 6900.80                               | 2.70                                    | 20.50                   | 10.0                            | 20.0                               |
| MKTF-30  | 9/23/2014     | ND                           | 13.19                                   | NA                        | 6884.91                     | 6898.10                                           | 6900.80                               | 2.70                                    | 20.50                   | 10.0                            | 20.0                               |
| MKTF-30  | 11/17/2014    | ND                           | 13.17                                   | NA                        | 6884.93                     | 6898.10                                           | 6900.80                               | 2.70                                    | 20.50                   | 10.0                            | 20.0                               |
| MKTF-30  | 3/11/2015     | ND                           | 12.04                                   | NA                        | 6886.06                     | 6898.10                                           | 6900.80                               | 2.70                                    | 20.50                   | 10.0                            | 20.0                               |
| MKTF-30  | 6/10/2015     | ND                           | 11.87                                   | NA                        | 6886.23                     | 6898.10                                           | 6900.80                               | 2.70                                    | 20.50                   | 10.0                            | 20.0                               |
| MKTF-30  | 8/20/2015     | ND                           | 12.59                                   | NA                        | 6885.51                     | 6898.10                                           | 6900.80                               | 2.70                                    | 21.50                   | 10.0                            | 20.0                               |
| MKTF-30  | 11/4/2015     | ND                           | 12.04                                   | NA                        | 6886.06                     | 6898.10                                           | 6900.80                               | 2.70                                    | 20.50                   | 10.0                            | 20.0                               |
| MKTF-30  | 2/23/2016     | ND                           | 11.70                                   | NA                        | 6886.40                     | 6898.10                                           | 6900.80                               | 2.70                                    | 20.50                   | 10.0                            | 20.0                               |
| MKTF-30  | 6/9/2016      | ND                           | 11.31                                   | NA                        | 6886.79                     | 6898.10                                           | 6900.80                               | 2.70                                    | 20.50                   | 10.0                            | 20.0                               |
| MKTF-30  | 9/7/2016      | ND                           | 12.78                                   | NA                        | 6885.32                     | 6898.10                                           | 6900.80                               | 2.70                                    | 21.50                   | 10.0                            | 20.0                               |
| MKTF-30  | 11/4/2016     | ND                           | 12.04                                   | NA                        | 6886.06                     | 6898.10                                           | 6900.80                               | 2.70                                    | 20.50                   | 10.0                            | 20.0                               |
| MKTF-30  | 3/6/2017      | ND                           | 11.43                                   | NA                        | 6886.67                     | 6898.10                                           | 6900.80                               | 2.70                                    | 20.50                   | 10.0                            | 20.0                               |
| MKTF-30  | 6/5/2017      | ND                           | 11.17                                   | NA                        | 6886.93                     | 6898.10                                           | 6900.80                               | 2.70                                    | 20.50                   | 10.0                            | 20.0                               |
| MKTF-30  | 10/3/2017     | ND                           | 12.33                                   | NA                        | 6885.77                     | 6898.10                                           | 6900.80                               | 2.70                                    | 20.50                   | 10.0                            | 20.0                               |
| MKTF-30  | 11/20/2017    | ND                           | 12.21                                   | NA                        | 6885.89                     | 6898.10                                           | 6900.80                               | 2.70                                    | 20.49                   | 10.0                            | 20.0                               |
| MKTF-30  | 2/6/2018      | ND                           | 11.50                                   | NA                        | 6886.60                     | 6898.10                                           | 6900.80                               | 2.70                                    | 20.50                   | 10.0                            | 20.0                               |
| MKTF-30  | 4/25/2018     | ND                           | 11.09                                   | NA                        | 6887.01                     | 6898.10                                           | 6900.80                               | 2.70                                    | 20.40                   | 10.0                            | 20.0                               |
| MKTF-30  | 8/15/2018     | ND                           | 11.95                                   | NA                        | 6886.15                     | 6898.10                                           | 6900.80                               | 2.70                                    | 20.50                   | 10.0                            | 20.0                               |
| MKTF-30  | 11/14/2018    | ND                           | 12.45                                   | NA                        | 6885.65                     | 6898.10                                           | 6900.80                               | 2.70                                    | 20.49                   | 10.0                            | 20.0                               |
| MKTF-30  | 3/28/2019     | ND                           | 10.98                                   | NA                        | 6887.12                     | 6898.10                                           | 6900.80                               | 2.70                                    | 20.50                   | 10.0                            | 20.0                               |
| MKTF-30  | 5/6/2019      | ND                           | 11.11                                   | NA                        | 6886.99                     | 6898.10                                           | 6900.80                               | 2.70                                    | 20.50                   | 10.0                            | 20.0                               |
| MKTF-30  | 8/23/2019     | ND                           | 12.18                                   | NA                        | 6885.92                     | 6898.10                                           | 6900.80                               | 2.70                                    | 20.50                   | 10.0                            | 20.0                               |
| MKTF-30  | 10/22/2019    | ND                           | 13.12                                   | NA                        | 6884.98                     | 6898.10                                           | 6900.80                               | 2.70                                    | 20.49                   | 10.0                            | 20.0                               |
| MKTF-30  | 2/26/2020     | ND                           | 12.61                                   | NA                        | 6885.49                     | 6898.10                                           | 6900.80                               | 2.70                                    | 20.50                   | 10.0                            | 20.0                               |
| MKTF-30  | 6/26/2020     | ND                           | 13.49                                   | NA                        | 6884.61                     | 6898.10                                           | 6900.80                               | 2.70                                    | 20.50                   | 10.0                            | 20.0                               |
| MKTF-30  | 9/15/2020     | ND                           | 13.96                                   | NA                        | 6884.14                     | 6898.10                                           | 6900.80                               | 2.70                                    | 20.52                   | 10.0                            | 20.0                               |
| MKTF-30  | 11/10/2020    | ND                           | 14.17                                   | NA                        | 6883.93                     | 6898.10                                           | 6900.80                               | 2.70                                    | 20.52                   | 10.0                            | 20.0                               |
| MKTF-30  | 12/4/2020     | ND                           | 14.06                                   | NA                        | 6884.04                     | 6898.10                                           | 6900.80                               | 2.70                                    | 20.52                   | 10.0                            | 20.0                               |
| MKTF-30  | 1/28/2021     | ND                           | 14.09                                   | NA                        | 6884.01                     | 6898.10                                           | 6900.80                               | 2.70                                    | 20.52                   | 10.0                            | 20.0                               |
| MKTF-30  | 2/28/2021     | ND                           | 13.63                                   | NA                        | 6884.47                     | 6898.10                                           | 6900.80                               | 2.70                                    | 20.25                   | 10.0                            | 20.0                               |
| MKTF-30  | 3/31/2021     | ND                           | 13.70                                   | NA                        | 6884.40                     | 6898.10                                           | 6900.80                               | 2.70                                    | 20.25                   | 10.0                            | 20.0                               |
| MKTF-30  | 4/26/2021     | ND                           | 13.50                                   | NA                        | 6884.60                     | 6898.10                                           | 6900.80                               | 2.70                                    | 20.25                   | 10.0                            | 20.0                               |
| MKTF-30  | 5/20/2021     | ND                           | 13.69                                   | NA                        | 6884.41                     | 6898.10                                           | 6900.80                               | 2.70                                    | 20.25                   | 10.0                            | 20.0                               |
| MKTF-30  | 6/1/2021      | ND                           | 13.62                                   | NA                        | 6884.48                     | 6898.10                                           | 6900.80                               | 2.70                                    | 20.25                   | 10.0                            | 20.0                               |
| MKTF-30  | 9/9/2021      | ND                           | 14.68                                   | NA                        | 6883.42                     | 6898.10                                           | 6900.80                               | 2.70                                    | 20.25                   | 10.0                            | 20.0                               |
| MKTF-30  | 12/13/2021    | ND                           | 14.51                                   | NA                        | 6883.59                     | 6898.10                                           | 6900.80                               | 2.70                                    | 20.25                   | 10.0                            | 20.0                               |
| MKTF-30  | 1/10/2022     | ND                           | 14.43                                   | NA                        | 6883.67                     | 6898.10                                           | 6900.80                               | 2.70                                    | 20.25                   | 10.0                            | 20.0                               |
| MKTF-30  | 2/28/2022     | ND                           | 14.47                                   | NA                        | 6883.63                     | 6898.10                                           | 6900.80                               | 2.70                                    | 20.25                   | 10.0                            | 20.0                               |
| MKTF-30  | 3/1/2022      | ND                           | 14.47                                   | NA                        | 6883.63                     | 6898.10                                           | 6900.80                               | 2.70                                    | 20.25                   | 10.0                            | 20.0                               |
| MKTF-30  | 4/27/2022     | ND                           | 15.40                                   | NA                        | 6882.70                     | 6898.10                                           | 6900.80                               | 2.70                                    | 20.25                   | 10.0                            | 20.0                               |
| MKTF-30  | 5/5/2022      | ND                           | 15.30                                   | NA                        | 6882.80                     | 6898.10                                           | 6900.80                               | 2.70                                    | 20.25                   | 10.0                            | 20.0                               |
| MKTF-30  | 6/2/2022      | ND                           | 14.93                                   | NA                        | 6883.17                     | 6898.10                                           | 6900.80                               | 2.70                                    | 20.57                   | 10.0                            | 20.0                               |
| MKTF-30  | 7/6/2022      | ND                           | 14.27                                   | NA                        | 6883.83                     | 6898.10                                           | 6900.80                               | 2.70                                    | 20.25                   | 10.0                            | 20.0                               |
| MKTF-30  | 8/8/2022      | ND                           | 14.40                                   | NA                        | 6883.70                     | 6898.10                                           | 6900.80                               | 2.70                                    | 20.25                   | 10.0                            | 20.0                               |
| MKTF-30  | 9/2/2022      | ND                           | 14.15                                   | NA                        | 6883.95                     | 6898.10                                           | 6900.80                               | 2.70                                    | 20.52                   | 10.0                            | 20.0                               |
| MKTF-30  | 10/3/2022     | ND                           | 14.12                                   | NA                        | 6883.98                     | 6898.10                                           | 6900.80                               | 2.70                                    | 20.52                   | 10.0                            | 20.0                               |
| MKTF-30  | 11/3/2022     | ND                           | 14.10                                   | NA                        | 6884.00                     | 6898.10                                           | 6900.80                               | 2.70                                    | 20.52                   | 10.0                            | 20.0                               |
| MKTF-30  | 12/29/2022    | ND                           | 13.72                                   | NA                        | 6884.38                     | 6898.10                                           | 6900.80                               | 2.70                                    | 20.53                   | 10.0                            | 20.0                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MKTF-31  | 6/4/2014      | ND                           | 5.09                                    | NA                        | 6899.17                     | 6904.26                                           | 6906.87                               | 2.61                                    | 20.20                   | 6.0                             | 21.0                               |
| MKTF-31  | 9/23/2014     | ND                           | 5.74                                    | NA                        | 6898.52                     | 6904.26                                           | 6906.87                               | 2.61                                    | 20.20                   | 6.0                             | 21.0                               |
| MKTF-31  | 11/17/2014    | ND                           | 5.79                                    | NA                        | 6898.47                     | 6904.26                                           | 6906.87                               | 2.61                                    | 20.20                   | 6.0                             | 21.0                               |
| MKTF-31  | 3/11/2015     | ND                           | 5.37                                    | NA                        | 6898.89                     | 6904.26                                           | 6906.87                               | 2.61                                    | 20.20                   | 6.0                             | 21.0                               |
| MKTF-31  | 6/10/2015     | ND                           | 5.14                                    | NA                        | 6899.12                     | 6904.26                                           | 6906.87                               | 2.61                                    | 20.20                   | 6.0                             | 21.0                               |
| MKTF-31  | 8/21/2015     | ND                           | 5.48                                    | NA                        | 6898.78                     | 6904.26                                           | 6906.87                               | 2.61                                    | 21.20                   | 6.0                             | 21.0                               |
| MKTF-31  | 11/4/2015     | ND                           | 5.53                                    | NA                        | 6898.73                     | 6904.26                                           | 6906.87                               | 2.61                                    | 20.20                   | 6.0                             | 21.0                               |
| MKTF-31  | 2/23/2016     | ND                           | 5.34                                    | NA                        | 6898.92                     | 6904.26                                           | 6906.87                               | 2.61                                    | 20.20                   | 6.0                             | 21.0                               |
| MKTF-31  | 6/9/2016      | ND                           | 5.14                                    | NA                        | 6899.12                     | 6904.26                                           | 6906.87                               | 2.61                                    | 20.20                   | 6.0                             | 21.0                               |
| MKTF-31  | 9/8/2016      | ND                           | 5.87                                    | NA                        | 6898.39                     | 6904.26                                           | 6906.87                               | 2.61                                    | 21.20                   | 6.0                             | 21.0                               |
| MKTF-31  | 11/4/2016     | ND                           | 5.53                                    | NA                        | 6898.73                     | 6904.26                                           | 6906.87                               | 2.61                                    | 20.20                   | 6.0                             | 21.0                               |
| MKTF-31  | 3/7/2017      | ND                           | 5.23                                    | NA                        | 6899.03                     | 6904.26                                           | 6906.87                               | 2.61                                    | 20.20                   | 6.0                             | 21.0                               |
| MKTF-31  | 6/5/2017      | ND                           | 4.97                                    | NA                        | 6899.29                     | 6904.26                                           | 6906.87                               | 2.61                                    | 20.20                   | 6.0                             | 21.0                               |
| MKTF-31  | 9/25/2017     | ND                           | 5.68                                    | NA                        | 6898.58                     | 6904.26                                           | 6906.87                               | 2.61                                    | 21.20                   | 6.0                             | 21.0                               |
| MKTF-31  | 11/21/2017    | ND                           | 5.54                                    | NA                        | 6898.72                     | 6904.26                                           | 6906.87                               | 2.61                                    | 16.69                   | 6.0                             | 21.0                               |
| MKTF-31  | 2/5/2018      | ND                           | 5.29                                    | NA                        | 6898.97                     | 6904.26                                           | 6906.87                               | 2.61                                    | 16.70                   | 6.0                             | 21.0                               |
| MKTF-31  | 4/25/2018     | ND                           | 5.12                                    | NA                        | 6899.14                     | 6904.26                                           | 6906.87                               | 2.61                                    | 16.65                   | 6.0                             | 21.0                               |
| MKTF-31  | 8/15/2018     | ND                           | 5.64                                    | NA                        | 6898.62                     | 6904.26                                           | 6906.87                               | 2.61                                    | 16.74                   | 6.0                             | 21.0                               |
| MKTF-31  | 11/14/2018    | ND                           | 5.83                                    | NA                        | 6898.43                     | 6904.26                                           | 6906.87                               | 2.61                                    | 16.69                   | 6.0                             | 21.0                               |
| MKTF-31  | 2/14/2019     | ND                           | 5.64                                    | NA                        | 6898.62                     | 6904.26                                           | 6906.87                               | 2.61                                    | 20.20                   | 6.0                             | 21.0                               |
| MKTF-31  | 5/6/2019      | ND                           | 5.11                                    | NA                        | 6899.15                     | 6904.26                                           | 6906.87                               | 2.61                                    | 20.20                   | 6.0                             | 21.0                               |
| MKTF-31  | 8/23/2019     | ND                           | 5.69                                    | NA                        | 6898.57                     | 6904.26                                           | 6906.87                               | 2.61                                    | 16.74                   | 6.0                             | 21.0                               |
| MKTF-31  | 10/22/2019    | ND                           | 6.03                                    | NA                        | 6898.23                     | 6904.26                                           | 6906.87                               | 2.61                                    | 16.69                   | 6.0                             | 21.0                               |
| MKTF-31  | 2/24/2020     | ND                           | 5.49                                    | NA                        | 6898.77                     | 6904.26                                           | 6906.87                               | 2.61                                    | 20.20                   | 6.0                             | 21.0                               |
| MKTF-31  | 6/26/2020     | ND                           | 5.64                                    | NA                        | 6898.62                     | 6904.26                                           | 6906.87                               | 2.61                                    | 20.20                   | 6.0                             | 21.0                               |
| MKTF-31  | 9/15/2020     | ND                           | 6.14                                    | NA                        | 6898.12                     | 6904.26                                           | 6906.87                               | 2.61                                    | 16.73                   | 6.0                             | 21.0                               |
| MKTF-31  | 11/10/2020    | ND                           | 6.18                                    | NA                        | 6898.08                     | 6904.26                                           | 6906.87                               | 2.61                                    | 16.73                   | 6.0                             | 21.0                               |
| MKTF-31  | 12/4/2020     | ND                           | 6.12                                    | NA                        | 6898.14                     | 6904.26                                           | 6906.87                               | 2.61                                    | 16.76                   | 6.0                             | 21.0                               |
| MKTF-31  | 1/28/2021     | ND                           | 6.01                                    | NA                        | 6898.25                     | 6904.26                                           | 6906.87                               | 2.61                                    | 10.76                   | 6.0                             | 21.0                               |
| MKTF-31  | 2/27/2021     | ND                           | 5.92                                    | NA                        | 6898.34                     | 6904.26                                           | 6906.87                               | 2.61                                    | 16.75                   | 6.0                             | 21.0                               |
| MKTF-31  | 3/31/2021     | ND                           | 6.00                                    | NA                        | 6898.26                     | 6904.26                                           | 6906.87                               | 2.61                                    | 16.75                   | 6.0                             | 21.0                               |
| MKTF-31  | 4/26/2021     | ND                           | 5.79                                    | NA                        | 6898.47                     | 6904.26                                           | 6906.87                               | 2.61                                    | 16.75                   | 6.0                             | 21.0                               |
| MKTF-31  | 5/20/2021     | ND                           | 5.90                                    | NA                        | 6898.36                     | 6904.26                                           | 6906.87                               | 2.61                                    | 16.75                   | 6.0                             | 21.0                               |
| MKTF-31  | 6/1/2021      | ND                           | 5.82                                    | NA                        | 6898.44                     | 6904.26                                           | 6906.87                               | 2.61                                    | 16.75                   | 6.0                             | 21.0                               |
| MKTF-31  | 9/9/2021      | ND                           | 6.79                                    | NA                        | 6897.47                     | 6904.26                                           | 6906.87                               | 2.61                                    | 16.75                   | 6.0                             | 21.0                               |
| MKTF-31  | 12/15/2021    | ND                           | 6.73                                    | NA                        | 6897.53                     | 6904.26                                           | 6906.87                               | 2.61                                    | 16.75                   | 6.0                             | 21.0                               |
| MKTF-31  | 1/10/2022     | ND                           | 6.69                                    | NA                        | 6897.57                     | 6904.26                                           | 6906.87                               | 2.61                                    | 16.72                   | 6.0                             | 21.0                               |
| MKTF-31  | 2/28/2022     | ND                           | 6.39                                    | NA                        | 6897.87                     | 6904.26                                           | 6906.87                               | 2.61                                    | 16.72                   | 6.0                             | 21.0                               |
| MKTF-31  | 3/2/2022      | ND                           | 6.69                                    | NA                        | 6897.57                     | 6904.26                                           | 6906.87                               | 2.61                                    | 16.74                   | 6.0                             | 21.0                               |
| MKTF-31  | 4/27/2022     | ND                           | 7.03                                    | NA                        | 6897.23                     | 6904.26                                           | 6906.87                               | 2.61                                    | 16.74                   | 6.0                             | 21.0                               |
| MKTF-31  | 5/5/2022      | ND                           | 6.70                                    | NA                        | 6897.56                     | 6904.26                                           | 6906.87                               | 2.61                                    | 16.74                   | 6.0                             | 21.0                               |
| MKTF-31  | 6/2/2022      | ND                           | 6.61                                    | NA                        | 6897.65                     | 6904.26                                           | 6906.87                               | 2.61                                    | 16.77                   | 6.0                             | 21.0                               |
| MKTF-31  | 7/6/2022      | ND                           | 6.90                                    | NA                        | 6897.36                     | 6904.26                                           | 6906.87                               | 2.61                                    | 16.80                   | 6.0                             | 21.0                               |
| MKTF-31  | 8/8/2022      | ND                           | 6.77                                    | NA                        | 6897.49                     | 6904.26                                           | 6906.87                               | 2.61                                    | 16.83                   | 6.0                             | 21.0                               |
| MKTF-31  | 9/1/2022      | ND                           | 6.99                                    | NA                        | 6897.27                     | 6904.26                                           | 6906.87                               | 2.61                                    | 16.77                   | 6.0                             | 21.0                               |
| MKTF-31  | 10/3/2022     | ND                           | 6.94                                    | NA                        | 6897.32                     | 6904.26                                           | 6906.87                               | 2.61                                    | 16.77                   | 6.0                             | 21.0                               |
| MKTF-31  | 11/3/2022     | ND                           | 7.02                                    | NA                        | 6897.24                     | 6904.26                                           | 6906.87                               | 2.61                                    | 16.77                   | 6.0                             | 21.0                               |
| MKTF-31  | 12/8/2022     | ND                           | 7.04                                    | NA                        | 6897.22                     | 6904.26                                           | 6906.87                               | 2.61                                    | 16.77                   | 6.0                             | 21.0                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MKTF-32  | 6/4/2014      | ND                           | 13.85                                   | NA                        | 6894.59                     | 6908.44                                           | 6911.11                               | 2.67                                    | 25.08                   | 9.5                             | 24.5                               |
| MKTF-32  | 9/23/2014     | ND                           | 14.01                                   | NA                        | 6894.43                     | 6908.44                                           | 6911.11                               | 2.67                                    | 25.08                   | 9.5                             | 24.5                               |
| MKTF-32  | 11/17/2014    | ND                           | 13.81                                   | NA                        | 6894.63                     | 6908.44                                           | 6911.11                               | 2.67                                    | 25.08                   | 9.5                             | 24.5                               |
| MKTF-32  | 3/12/2015     | ND                           | 12.82                                   | NA                        | 6895.62                     | 6908.44                                           | 6911.11                               | 2.67                                    | 25.08                   | 9.5                             | 24.5                               |
| MKTF-32  | 6/9/2015      | ND                           | 12.82                                   | NA                        | 6895.62                     | 6908.44                                           | 6911.11                               | 2.67                                    | 25.08                   | 9.5                             | 24.5                               |
| MKTF-32  | 8/21/2015     | ND                           | 12.48                                   | NA                        | 6895.96                     | 6908.44                                           | 6911.11                               | 2.67                                    | 26.08                   | 9.5                             | 24.5                               |
| MKTF-32  | 11/5/2015     | ND                           | 12.17                                   | NA                        | 6896.27                     | 6908.44                                           | 6911.11                               | 2.67                                    | 25.08                   | 9.5                             | 24.5                               |
| MKTF-32  | 2/24/2016     | ND                           | 11.86                                   | NA                        | 6896.58                     | 6908.44                                           | 6911.11                               | 2.67                                    | 25.08                   | 9.5                             | 24.5                               |
| MKTF-32  | 6/9/2016      | ND                           | 11.64                                   | NA                        | 6896.80                     | 6908.44                                           | 6911.11                               | 2.67                                    | 25.08                   | 9.5                             | 24.5                               |
| MKTF-32  | 9/9/2016      | ND                           | 11.73                                   | NA                        | 6896.71                     | 6908.44                                           | 6911.11                               | 2.67                                    | 26.08                   | 9.5                             | 24.5                               |
| MKTF-32  | 11/5/2016     | ND                           | 12.17                                   | NA                        | 6896.27                     | 6908.44                                           | 6911.11                               | 2.67                                    | 25.08                   | 9.5                             | 24.5                               |
| MKTF-32  | 3/7/2017      | ND                           | 11.03                                   | NA                        | 6897.41                     | 6908.44                                           | 6911.11                               | 2.67                                    | 25.08                   | 9.5                             | 24.5                               |
| MKTF-32  | 6/6/2017      | ND                           | 11.12                                   | NA                        | 6897.32                     | 6908.44                                           | 6911.11                               | 2.67                                    | 25.08                   | 9.5                             | 24.5                               |
| MKTF-32  | 9/25/2017     | ND                           | 11.44                                   | NA                        | 6897.00                     | 6908.44                                           | 6911.11                               | 2.67                                    | 26.08                   | 9.5                             | 24.5                               |
| MKTF-32  | 11/27/2017    | ND                           | 10.90                                   | NA                        | 6897.54                     | 6908.44                                           | 6911.11                               | 2.67                                    | 25.08                   | 9.5                             | 24.5                               |
| MKTF-32  | 2/7/2018      | ND                           | 11.03                                   | NA                        | 6897.41                     | 6908.44                                           | 6911.11                               | 2.67                                    | 25.08                   | 9.5                             | 24.5                               |
| MKTF-32  | 4/25/2018     | ND                           | 10.81                                   | NA                        | 6897.63                     | 6908.44                                           | 6911.11                               | 2.67                                    | 24.99                   | 9.5                             | 24.5                               |
| MKTF-32  | 8/15/2018     | ND                           | 11.33                                   | NA                        | 6897.11                     | 6908.44                                           | 6911.11                               | 2.67                                    | 25.10                   | 9.5                             | 24.5                               |
| MKTF-32  | 11/14/2018    | ND                           | 11.43                                   | NA                        | 6897.01                     | 6908.44                                           | 6911.11                               | 2.67                                    | 25.08                   | 9.5                             | 24.5                               |
| MKTF-32  | 2/13/2019     | ND                           | 10.82                                   | NA                        | 6897.62                     | 6908.44                                           | 6911.11                               | 2.67                                    | 25.08                   | 9.5                             | 24.5                               |
| MKTF-32  | 5/7/2019      | ND                           | 10.58                                   | NA                        | 6897.86                     | 6908.44                                           | 6911.11                               | 2.67                                    | 25.08                   | 9.5                             | 24.5                               |
| MKTF-32  | 8/20/2019     | ND                           | 11.36                                   | NA                        | 6897.08                     | 6908.44                                           | 6911.11                               | 2.67                                    | 25.10                   | 9.5                             | 24.5                               |
| MKTF-32  | 10/23/2019    | ND                           | 11.34                                   | NA                        | 6897.10                     | 6908.44                                           | 6911.11                               | 2.67                                    | 25.08                   | 9.5                             | 24.5                               |
| MKTF-32  | 2/26/2020     | ND                           | 11.11                                   | NA                        | 6897.33                     | 6908.44                                           | 6911.11                               | 2.67                                    | 25.08                   | 9.5                             | 24.5                               |
| MKTF-32  | 6/29/2020     | ND                           | 11.58                                   | NA                        | 6896.86                     | 6908.44                                           | 6911.11                               | 2.67                                    | 25.08                   | 9.5                             | 24.5                               |
| MKTF-32  | 9/14/2020     | ND                           | 11.91                                   | NA                        | 6896.53                     | 6908.44                                           | 6911.11                               | 2.67                                    | 24.79                   | 9.5                             | 24.5                               |
| MKTF-32  | 11/10/2020    | ND                           | 11.64                                   | NA                        | 6896.80                     | 6908.44                                           | 6911.11                               | 2.67                                    | 24.79                   | 9.5                             | 24.5                               |
| MKTF-32  | 12/4/2020     | ND                           | 11.58                                   | NA                        | 6896.86                     | 6908.44                                           | 6911.11                               | 2.67                                    | 25.15                   | 9.5                             | 24.5                               |
| MKTF-32  | 1/28/2021     | 11.41                        | 11.41                                   | 0.00                      | 6897.03                     | 6908.44                                           | 6911.11                               | 2.67                                    | 25.15                   | 9.5                             | 24.5                               |
| MKTF-32  | 2/27/2021     | 11.34                        | 11.35                                   | 0.01                      | 6897.09                     | 6908.44                                           | 6911.11                               | 2.67                                    | 25.12                   | 9.5                             | 24.5                               |
| MKTF-32  | 3/31/2021     | ND                           | 11.44                                   | NA                        | 6897.00                     | 6908.44                                           | 6911.11                               | 2.67                                    | 25.12                   | 9.5                             | 24.5                               |
| MKTF-32  | 4/26/2021     | ND                           | 11.23                                   | NA                        | 6897.21                     | 6908.44                                           | 6911.11                               | 2.67                                    | 25.12                   | 9.5                             | 24.5                               |
| MKTF-32  | 5/20/2021     | ND                           | 11.48                                   | NA                        | 6896.96                     | 6908.44                                           | 6911.11                               | 2.67                                    | 25.12                   | 9.5                             | 24.5                               |
| MKTF-32  | 6/1/2021      | ND                           | 11.19                                   | NA                        | 6897.25                     | 6908.44                                           | 6911.11                               | 2.67                                    | 25.12                   | 9.5                             | 24.5                               |
| MKTF-32  | 9/9/2021      | ND                           | 12.53                                   | NA                        | 6895.91                     | 6908.44                                           | 6911.11                               | 2.67                                    | 25.12                   | 9.5                             | 24.5                               |
| MKTF-32  | 11/30/2021    | ND                           | 11.81                                   | NA                        | 6896.63                     | 6908.44                                           | 6911.11                               | 2.67                                    | 25.12                   | 9.5                             | 24.5                               |
| MKTF-32  | 1/10/2022     | ND                           | 11.58                                   | NA                        | 6896.86                     | 6908.44                                           | 6911.11                               | 2.67                                    | 24.83                   | 9.5                             | 24.5                               |
| MKTF-32  | 2/28/2022     | ND                           | 11.59                                   | NA                        | 6896.85                     | 6908.44                                           | 6911.11                               | 2.67                                    | 24.83                   | 9.5                             | 24.5                               |
| MKTF-32  | 3/1/2022      | ND                           | 11.75                                   | NA                        | 6896.69                     | 6908.44                                           | 6911.11                               | 2.67                                    | 25.11                   | 9.5                             | 24.5                               |
| MKTF-32  | 4/27/2022     | ND                           | 11.53                                   | NA                        | 6896.91                     | 6908.44                                           | 6911.11                               | 2.67                                    | 25.11                   | 9.5                             | 24.5                               |
| MKTF-32  | 5/5/2022      | ND                           | 11.60                                   | NA                        | 6896.84                     | 6908.44                                           | 6911.11                               | 2.67                                    | 25.11                   | 9.5                             | 24.5                               |
| MKTF-32  | 6/1/2022      | ND                           | 12.08                                   | NA                        | 6896.36                     | 6908.44                                           | 6911.11                               | 2.67                                    | 25.13                   | 9.5                             | 24.5                               |
| MKTF-32  | 7/6/2022      | ND                           | 12.16                                   | NA                        | 6896.28                     | 6908.44                                           | 6911.11                               | 2.67                                    | 25.15                   | 9.5                             | 24.5                               |
| MKTF-32  | 8/8/2022      | ND                           | 12.53                                   | NA                        | 6895.91                     | 6908.44                                           | 6911.11                               | 2.67                                    | 25.17                   | 9.5                             | 24.5                               |
| MKTF-32  | 9/7/2022      | ND                           | 11.83                                   | NA                        | 6896.61                     | 6908.44                                           | 6911.11                               | 2.67                                    | 25.13                   | 9.5                             | 24.5                               |
| MKTF-32  | 10/3/2022     | ND                           | 12.13                                   | NA                        | 6896.31                     | 6908.44                                           | 6911.11                               | 2.67                                    | 25.13                   | 9.5                             | 24.5                               |
| MKTF-32  | 11/3/2022     | ND                           | 12.08                                   | NA                        | 6896.36                     | 6908.44                                           | 6911.11                               | 2.67                                    | 25.13                   | 9.5                             | 24.5                               |
| MKTF-32  | 12/6/2022     | ND                           | 7.14                                    | NA                        | 6901.30                     | 6908.44                                           | 6911.11                               | 2.67                                    | 16.73                   | 9.5                             | 24.5                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MKTF-33  | 6/6/2014      | ND                           | 20.24                                   | NA                        | 6916.35                     | 6936.59                                           | 6939.75                               | 3.16                                    | 30.04                   | 20.0                            | 30.0                               |
| MKTF-33  | 9/23/2014     | ND                           | 20.53                                   | NA                        | 6916.06                     | 6936.59                                           | 6939.75                               | 3.16                                    | 30.04                   | 20.0                            | 30.0                               |
| MKTF-33  | 11/17/2014    | ND                           | 20.63                                   | NA                        | 6915.96                     | 6936.59                                           | 6939.75                               | 3.16                                    | 30.04                   | 20.0                            | 30.0                               |
| MKTF-33  | 3/12/2015     | ND                           | 20.16                                   | NA                        | 6916.43                     | 6936.59                                           | 6939.75                               | 3.16                                    | 30.04                   | 20.0                            | 30.0                               |
| MKTF-33  | 6/9/2015      | ND                           | 20.14                                   | NA                        | 6916.45                     | 6936.59                                           | 6939.75                               | 3.16                                    | 30.04                   | 20.0                            | 30.0                               |
| MKTF-33  | 8/21/2015     | ND                           | 20.16                                   | NA                        | 6916.43                     | 6936.59                                           | 6939.75                               | 3.16                                    | 31.04                   | 20.0                            | 30.0                               |
| MKTF-33  | 11/9/2015     | ND                           | 20.03                                   | NA                        | 6916.56                     | 6936.59                                           | 6939.75                               | 3.16                                    | 30.04                   | 20.0                            | 30.0                               |
| MKTF-33  | 2/25/2016     | ND                           | 20.04                                   | NA                        | 6916.55                     | 6936.59                                           | 6939.75                               | 3.16                                    | 30.04                   | 20.0                            | 30.0                               |
| MKTF-33  | 6/10/2016     | ND                           | 20.13                                   | NA                        | 6916.46                     | 6936.59                                           | 6939.75                               | 3.16                                    | 30.04                   | 20.0                            | 30.0                               |
| MKTF-33  | 9/10/2016     | ND                           | 20.04                                   | NA                        | 6916.55                     | 6936.59                                           | 6939.75                               | 3.16                                    | 31.04                   | 20.0                            | 30.0                               |
| MKTF-33  | 11/9/2016     | ND                           | 20.03                                   | NA                        | 6916.56                     | 6936.59                                           | 6939.75                               | 3.16                                    | 30.04                   | 20.0                            | 30.0                               |
| MKTF-33  | 3/8/2017      | ND                           | 19.00                                   | NA                        | 6917.59                     | 6936.59                                           | 6939.75                               | 3.16                                    | 30.04                   | 20.0                            | 30.0                               |
| MKTF-33  | 6/7/2017      | ND                           | 18.91                                   | NA                        | 6917.68                     | 6936.59                                           | 6939.75                               | 3.16                                    | 30.04                   | 20.0                            | 30.0                               |
| MKTF-33  | 9/25/2017     | ND                           | 19.34                                   | NA                        | 6917.25                     | 6936.59                                           | 6939.75                               | 3.16                                    | 30.04                   | 20.0                            | 30.0                               |
| MKTF-33  | 11/27/2017    | ND                           | 19.11                                   | NA                        | 6917.48                     | 6936.59                                           | 6939.75                               | 3.16                                    | 30.06                   | 20.0                            | 30.0                               |
| MKTF-33  | 2/7/2018      | ND                           | 19.49                                   | NA                        | 6917.10                     | 6936.59                                           | 6939.75                               | 3.16                                    | 30.04                   | 20.0                            | 30.0                               |
| MKTF-33  | 4/26/2018     | ND                           | 19.39                                   | NA                        | 6917.20                     | 6936.59                                           | 6939.75                               | 3.16                                    | 29.95                   | 20.0                            | 30.0                               |
| MKTF-33  | 8/15/2018     | ND                           | 19.69                                   | NA                        | 6916.90                     | 6936.59                                           | 6939.75                               | 3.16                                    | 30.07                   | 20.0                            | 30.0                               |
| MKTF-33  | 11/27/2018    | ND                           | 19.56                                   | NA                        | 6917.03                     | 6936.59                                           | 6939.75                               | 3.16                                    | 30.06                   | 20.0                            | 30.0                               |
| MKTF-33  | 3/25/2019     | ND                           | 18.84                                   | NA                        | 6917.75                     | 6936.59                                           | 6939.75                               | 3.16                                    | 30.04                   | 20.0                            | 30.0                               |
| MKTF-33  | 5/9/2019      | ND                           | 18.88                                   | NA                        | 6917.71                     | 6936.59                                           | 6939.75                               | 3.16                                    | 30.04                   | 20.0                            | 30.0                               |
| MKTF-33  | 8/20/2019     | ND                           | 19.19                                   | NA                        | 6917.40                     | 6936.59                                           | 6939.75                               | 3.16                                    | 30.07                   | 20.0                            | 30.0                               |
| MKTF-33  | 10/24/2019    | ND                           | 19.34                                   | NA                        | 6917.25                     | 6936.59                                           | 6939.75                               | 3.16                                    | 30.06                   | 20.0                            | 30.0                               |
| MKTF-33  | 2/27/2020     | ND                           | 19.55                                   | NA                        | 6917.04                     | 6936.59                                           | 6939.75                               | 3.16                                    | 30.04                   | 20.0                            | 30.0                               |
| MKTF-33  | 6/29/2020     | ND                           | 18.01                                   | NA                        | 6918.58                     | 6936.59                                           | 6939.75                               | 3.16                                    | 30.04                   | 20.0                            | 30.0                               |
| MKTF-33  | 9/14/2020     | 18.45                        | 24.86                                   | 6.41                      | 6911.73                     | 6936.59                                           | 6939.75                               | 3.16                                    | 29.99                   | 20.0                            | 30.0                               |
| MKTF-33  | 11/10/2020    | 18.49                        | 24.65                                   | 6.16                      | 6911.94                     | 6936.59                                           | 6939.75                               | 3.16                                    | 29.99                   | 20.0                            | 30.0                               |
| MKTF-33  | 12/4/2020     | 18.53                        | 24.61                                   | 6.08                      | 6911.98                     | 6936.59                                           | 6939.75                               | 3.16                                    | 30.41                   | 20.0                            | 30.0                               |
| MKTF-33  | 1/28/2021     | 19.42                        | 22.80                                   | 3.38                      | 6913.79                     | 6936.59                                           | 6939.75                               | 3.16                                    | 30.41                   | 20.0                            | 30.0                               |
| MKTF-33  | 2/27/2021     | 19.84                        | 20.59                                   | 0.75                      | 6916.00                     | 6936.59                                           | 6939.75                               | 3.16                                    | 30.12                   | 20.0                            | 30.0                               |
| MKTF-33  | 3/31/2021     | 20.03                        | 20.25                                   | 0.22                      | 6916.34                     | 6936.59                                           | 6939.75                               | 3.16                                    | 30.12                   | 20.0                            | 30.0                               |
| MKTF-33  | 4/26/2021     | 21.00                        | 21.61                                   | 0.61                      | 6914.98                     | 6936.59                                           | 6939.75                               | 3.16                                    | 30.12                   | 20.0                            | 30.0                               |
| MKTF-33  | 5/20/2021     | 20.05                        | 20.36                                   | 0.31                      | 6916.23                     | 6936.59                                           | 6939.75                               | 3.16                                    | 30.12                   | 20.0                            | 30.0                               |
| MKTF-33  | 6/1/2021      | 19.91                        | 20.29                                   | 0.38                      | 6916.30                     | 6936.59                                           | 6939.75                               | 3.16                                    | 30.12                   | 20.0                            | 30.0                               |
| MKTF-33  | 9/9/2021      | 20.30                        | 20.49                                   | 0.19                      | 6916.10                     | 6936.59                                           | 6939.75                               | 3.16                                    | 30.12                   | 20.0                            | 30.0                               |
| MKTF-33  | 12/3/2021     | 20.13                        | 20.17                                   | 0.04                      | 6916.42                     | 6936.59                                           | 6939.75                               | 3.16                                    | 30.12                   | 20.0                            | 30.0                               |
| MKTF-33  | 1/10/2022     | 20.04                        | 20.19                                   | 0.15                      | 6916.40                     | 6936.59                                           | 6939.75                               | 3.16                                    | 30.12                   | 20.0                            | 30.0                               |
| MKTF-33  | 2/28/2022     | 19.76                        | 19.78                                   | 0.02                      | 6916.81                     | 6936.59                                           | 6939.75                               | 3.16                                    | 30.12                   | 20.0                            | 30.0                               |
| MKTF-33  | 3/1/2022      | 20.09                        | 20.13                                   | 0.04                      | 6916.46                     | 6936.59                                           | 6939.75                               | 3.16                                    | 29.94                   | 20.0                            | 30.0                               |
| MKTF-33  | 4/27/2022     | 19.99                        | 20.03                                   | 0.04                      | 6916.56                     | 6936.59                                           | 6939.75                               | 3.16                                    | 29.94                   | 20.0                            | 30.0                               |
| MKTF-33  | 5/4/2022      | 20.07                        | 20.09                                   | 0.02                      | 6916.50                     | 6936.59                                           | 6939.75                               | 3.16                                    | 29.94                   | 20.0                            | 30.0                               |
| MKTF-33  | 6/2/2022      | 20.24                        | 20.30                                   | 0.06                      | 6916.29                     | 6936.59                                           | 6939.75                               | 3.16                                    | 29.96                   | 20.0                            | 30.0                               |
| MKTF-33  | 7/6/2022      | 20.06                        | 20.09                                   | 0.03                      | 6916.50                     | 6936.59                                           | 6939.75                               | 3.16                                    | 29.98                   | 20.0                            | 30.0                               |
| MKTF-33  | 8/8/2022      | 20.02                        | 20.06                                   | 0.04                      | 6916.53                     | 6936.59                                           | 6939.75                               | 3.16                                    | 30.00                   | 20.0                            | 30.0                               |
| MKTF-33  | 9/5/2022      | 20.18                        | 20.22                                   | 0.04                      | 6916.37                     | 6936.59                                           | 6939.75                               | 3.16                                    | 30.00                   | 20.0                            | 30.0                               |
| MKTF-33  | 10/3/2022     | 20.29                        | 20.34                                   | 0.05                      | 6916.25                     | 6936.59                                           | 6939.75                               | 3.16                                    | 30.00                   | 20.0                            | 30.0                               |
| MKTF-33  | 11/3/2022     | 20.30                        | 20.37                                   | 0.07                      | 6916.22                     | 6936.59                                           | 6939.75                               | 3.16                                    | 30.00                   | 20.0                            | 30.0                               |
| MKTF-33  | 12/6/2022     | 20.32                        | 20.39                                   | 0.07                      | 6916.20                     | 6936.59                                           | 6939.75                               | 3.16                                    | 30.00                   | 20.0                            | 30.0                               |



APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MKTF-34  | 6/6/2014      | ND                           | 15.66                                   | NA                        | 6926.76                     | 6942.42                                           | 6945.35                               | 2.93                                    | 24.75                   | 9.5                             | 24.5                               |
| MKTF-34  | 9/23/2014     | ND                           | 16.15                                   | NA                        | 6926.27                     | 6942.42                                           | 6945.35                               | 2.93                                    | 24.75                   | 9.5                             | 24.5                               |
| MKTF-34  | 11/17/2014    | ND                           | 16.65                                   | NA                        | 6925.77                     | 6942.42                                           | 6945.35                               | 2.93                                    | 24.75                   | 9.5                             | 24.5                               |
| MKTF-34  | 3/12/2015     | ND                           | 15.84                                   | NA                        | 6926.58                     | 6942.42                                           | 6945.35                               | 2.93                                    | 24.75                   | 9.5                             | 24.5                               |
| MKTF-34  | 6/8/2015      | ND                           | 15.97                                   | NA                        | 6926.45                     | 6942.42                                           | 6945.35                               | 2.93                                    | 24.75                   | 9.5                             | 24.5                               |
| MKTF-34  | 8/18/2015     | ND                           | 15.81                                   | NA                        | 6926.61                     | 6942.42                                           | 6945.35                               | 2.93                                    | 25.75                   | 9.5                             | 24.5                               |
| MKTF-34  | 11/3/2015     | ND                           | 16.07                                   | NA                        | 6926.35                     | 6942.42                                           | 6945.35                               | 2.93                                    | 24.75                   | 9.5                             | 24.5                               |
| MKTF-34  | 2/25/2016     | ND                           | 16.27                                   | NA                        | 6926.15                     | 6942.42                                           | 6945.35                               | 2.93                                    | 24.75                   | 9.5                             | 24.5                               |
| MKTF-34  | 6/10/2016     | ND                           | 15.67                                   | NA                        | 6926.75                     | 6942.42                                           | 6945.35                               | 2.93                                    | 24.75                   | 9.5                             | 24.5                               |
| MKTF-34  | 9/12/2016     | ND                           | 15.10                                   | NA                        | 6927.32                     | 6942.42                                           | 6945.35                               | 2.93                                    | 25.75                   | 9.5                             | 24.5                               |
| MKTF-34  | 11/3/2016     | ND                           | 16.07                                   | NA                        | 6926.35                     | 6942.42                                           | 6945.35                               | 2.93                                    | 24.75                   | 9.5                             | 24.5                               |
| MKTF-34  | 3/1/2017      | ND                           | 13.57                                   | NA                        | 6928.85                     | 6942.42                                           | 6945.35                               | 2.93                                    | 24.75                   | 9.5                             | 24.5                               |
| MKTF-34  | 6/14/2017     | ND                           | 14.70                                   | NA                        | 6927.72                     | 6942.42                                           | 6945.35                               | 2.93                                    | 24.75                   | 9.5                             | 24.5                               |
| MKTF-34  | 9/26/2017     | ND                           | 14.69                                   | NA                        | 6927.73                     | 6942.42                                           | 6945.35                               | 2.93                                    | 24.75                   | 9.5                             | 24.5                               |
| MKTF-34  | 11/30/2017    | ND                           | 15.10                                   | NA                        | 6927.32                     | 6942.42                                           | 6945.35                               | 2.93                                    | 24.77                   | 9.5                             | 24.5                               |
| MKTF-34  | 2/15/2018     | ND                           | 15.87                                   | NA                        | 6926.55                     | 6942.42                                           | 6945.35                               | 2.93                                    | 24.78                   | 9.5                             | 24.5                               |
| MKTF-34  | 4/26/2018     | ND                           | 15.70                                   | NA                        | 6926.72                     | 6942.42                                           | 6945.35                               | 2.93                                    | 24.67                   | 9.5                             | 24.5                               |
| MKTF-34  | 8/15/2018     | ND                           | 15.65                                   | NA                        | 6926.77                     | 6942.42                                           | 6945.35                               | 2.93                                    | 24.77                   | 9.5                             | 24.5                               |
| MKTF-34  | 11/27/2018    | ND                           | 16.02                                   | NA                        | 6926.40                     | 6942.42                                           | 6945.35                               | 2.93                                    | 24.77                   | 9.5                             | 24.5                               |
| MKTF-34  | 3/25/2019     | ND                           | 14.02                                   | NA                        | 6928.40                     | 6942.42                                           | 6945.35                               | 2.93                                    | 24.75                   | 9.5                             | 24.5                               |
| MKTF-34  | 5/9/2019      | ND                           | 15.16                                   | NA                        | 6927.26                     | 6942.42                                           | 6945.35                               | 2.93                                    | 24.75                   | 9.5                             | 24.5                               |
| MKTF-34  | 8/19/2019     | ND                           | 14.77                                   | NA                        | 6927.65                     | 6942.42                                           | 6945.35                               | 2.93                                    | 24.77                   | 9.5                             | 24.5                               |
| MKTF-34  | 10/29/2019    | ND                           | 15.10                                   | NA                        | 6927.32                     | 6942.42                                           | 6945.35                               | 2.93                                    | 24.77                   | 9.5                             | 24.5                               |
| MKTF-34  | 11/12/2019    | ND                           | 15.13                                   | NA                        | 6927.29                     | 6942.42                                           | 6945.35                               | 2.93                                    | 24.77                   | 9.5                             | 24.5                               |
| MKTF-34  | 2/5/2020      | ND                           | 14.85                                   | NA                        | 6927.57                     | 6942.42                                           | 6945.35                               | 2.93                                    | 24.77                   | 9.5                             | 24.5                               |
| MKTF-34  | 6/29/2020     | 16.11                        | 16.13                                   | 0.02                      | 6926.29                     | 6942.42                                           | 6945.35                               | 2.93                                    | 24.77                   | 9.5                             | 24.5                               |
| MKTF-34  | 9/14/2020     | ND                           | 16.16                                   | NA                        | 6926.26                     | 6942.42                                           | 6945.35                               | 2.93                                    | 24.83                   | 9.5                             | 24.5                               |
| MKTF-34  | 11/10/2020    | ND                           | 16.15                                   | NA                        | 6926.27                     | 6942.42                                           | 6945.35                               | 2.93                                    | 24.83                   | 9.5                             | 24.5                               |
| MKTF-34  | 12/4/2020     | 15.98                        | 15.99                                   | 0.01                      | 6926.43                     | 6942.42                                           | 6945.35                               | 2.93                                    | 24.85                   | 9.5                             | 24.5                               |
| MKTF-34  | 1/28/2021     | ND                           | 16.46                                   | NA                        | 6925.96                     | 6942.42                                           | 6945.35                               | 2.93                                    | 24.87                   | 9.5                             | 24.5                               |
| MKTF-34  | 2/28/2021     | 15.47                        | 15.48                                   | 0.01                      | 6926.94                     | 6942.42                                           | 6945.35                               | 2.93                                    | 24.86                   | 9.5                             | 24.5                               |
| MKTF-34  | 3/31/2021     | ND                           | 17.68                                   | NA                        | 6924.74                     | 6942.42                                           | 6945.35                               | 2.93                                    | 24.86                   | 9.5                             | 24.5                               |
| MKTF-34  | 4/26/2021     | ND                           | 19.68                                   | NA                        | 6922.74                     | 6942.42                                           | 6945.35                               | 2.93                                    | 24.86                   | 9.5                             | 24.5                               |
| MKTF-34  | 5/20/2021     | ND                           | 17.67                                   | NA                        | 6924.75                     | 6942.42                                           | 6945.35                               | 2.93                                    | 24.86                   | 9.5                             | 24.5                               |
| MKTF-34  | 6/1/2021      | ND                           | 17.30                                   | NA                        | 6925.12                     | 6942.42                                           | 6945.35                               | 2.93                                    | 24.86                   | 9.5                             | 24.5                               |
| MKTF-34  | 9/9/2021      | ND                           | 16.97                                   | NA                        | 6925.45                     | 6942.42                                           | 6945.35                               | 2.93                                    | 24.86                   | 9.5                             | 24.5                               |
| MKTF-34  | 11/30/2021    | ND                           | 16.67                                   | NA                        | 6925.75                     | 6942.42                                           | 6945.35                               | 2.93                                    | 24.86                   | 9.5                             | 24.5                               |
| MKTF-34  | 1/10/2022     | ND                           | 16.69                                   | NA                        | 6925.73                     | 6942.42                                           | 6945.35                               | 2.93                                    | 24.86                   | 9.5                             | 24.5                               |
| MKTF-34  | 2/28/2022     | ND                           | 16.68                                   | NA                        | 6925.74                     | 6942.42                                           | 6945.35                               | 2.93                                    | 24.86                   | 9.5                             | 24.5                               |
| MKTF-34  | 3/1/2022      | ND                           | 15.76                                   | NA                        | 6926.66                     | 6942.42                                           | 6945.35                               | 2.93                                    | 24.79                   | 9.5                             | 24.5                               |
| MKTF-34  | 4/27/2022     | ND                           | 15.98                                   | NA                        | 6926.44                     | 6942.42                                           | 6945.35                               | 2.93                                    | 24.79                   | 9.5                             | 24.5                               |
| MKTF-34  | 5/5/2022      | ND                           | 16.00                                   | NA                        | 6926.42                     | 6942.42                                           | 6945.35                               | 2.93                                    | 24.79                   | 9.5                             | 24.5                               |
| MKTF-34  | 6/1/2022      | 15.77                        | 15.79                                   | 0.02                      | 6926.63                     | 6942.42                                           | 6945.35                               | 2.93                                    | 24.79                   | 9.5                             | 24.5                               |
| MKTF-34  | 7/6/2022      | 14.70                        | 15.39                                   | 0.69                      | 6927.03                     | 6942.42                                           | 6945.35                               | 2.93                                    | 24.79                   | 9.5                             | 24.5                               |
| MKTF-34  | 8/8/2022      | 14.91                        | 15.73                                   | 0.82                      | 6926.69                     | 6942.42                                           | 6945.35                               | 2.93                                    | 24.79                   | 9.5                             | 24.5                               |
| MKTF-34  | 9/5/2022      | 15.73                        | 15.76                                   | 0.03                      | 6926.66                     | 6942.42                                           | 6945.35                               | 2.93                                    | 24.79                   | 9.5                             | 24.5                               |
| MKTF-34  | 10/3/2022     | 15.72                        | 15.76                                   | 0.04                      | 6926.66                     | 6942.42                                           | 6945.35                               | 2.93                                    | 24.79                   | 9.5                             | 24.5                               |
| MKTF-34  | 11/3/2022     | 15.71                        | 15.77                                   | 0.06                      | 6926.65                     | 6942.42                                           | 6945.35                               | 2.93                                    | 24.79                   | 9.5                             | 24.5                               |



APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MKTF-34  | 12/6/2022     | 15.82                        | 15.89                                   | 0.07                      | 6926.53                     | 6942.42                                           | 6945.35                               | 2.93                                    | 24.79                   | 9.5                             | 24.5                               |
| MKTF-35  | 11/20/2014    | ND                           | 9.90                                    | NA                        | 6942.00                     | 6951.90                                           | 6951.65                               | -0.25                                   | 16.70                   | 6.0                             | 16.0                               |
| MKTF-35  | 3/17/2015     | ND                           | 9.18                                    | NA                        | 6942.72                     | 6951.90                                           | 6951.65                               | -0.25                                   | 16.70                   | 6.0                             | 16.0                               |
| MKTF-35  | 6/4/2015      | ND                           | 9.18                                    | NA                        | 6942.72                     | 6951.90                                           | 6951.65                               | -0.25                                   | 16.70                   | 6.0                             | 16.0                               |
| MKTF-35  | 8/18/2015     | ND                           | 9.16                                    | NA                        | 6942.74                     | 6951.90                                           | 6951.65                               | -0.25                                   | 16.70                   | 6.0                             | 16.0                               |
| MKTF-35  | 11/3/2015     | ND                           | 9.27                                    | NA                        | 6942.63                     | 6951.90                                           | 6951.65                               | -0.25                                   | 16.70                   | 6.0                             | 16.0                               |
| MKTF-35  | 2/26/2016     | ND                           | 8.65                                    | NA                        | 6943.25                     | 6951.90                                           | 6951.65                               | -0.25                                   | 16.70                   | 6.0                             | 16.0                               |
| MKTF-35  | 6/10/2016     | ND                           | 7.62                                    | NA                        | 6944.28                     | 6951.90                                           | 6951.65                               | -0.25                                   | 16.70                   | 6.0                             | 16.0                               |
| MKTF-35  | 9/12/2016     | ND                           | 6.90                                    | NA                        | 6945.00                     | 6951.90                                           | 6951.65                               | -0.25                                   | 16.70                   | 6.0                             | 16.0                               |
| MKTF-35  | 11/3/2016     | ND                           | 9.27                                    | NA                        | 6942.63                     | 6951.90                                           | 6951.65                               | -0.25                                   | 16.70                   | 6.0                             | 16.0                               |
| MKTF-35  | 3/1/2017      | ND                           | 6.43                                    | NA                        | 6945.47                     | 6951.90                                           | 6951.65                               | -0.25                                   | 16.70                   | 6.0                             | 16.0                               |
| MKTF-35  | 6/14/2017     | ND                           | 7.37                                    | NA                        | 6944.53                     | 6951.90                                           | 6951.65                               | -0.25                                   | 16.70                   | 6.0                             | 16.0                               |
| MKTF-35  | 9/27/2017     | ND                           | 7.95                                    | NA                        | 6943.95                     | 6951.90                                           | 6951.65                               | -0.25                                   | 16.70                   | 6.0                             | 16.0                               |
| MKTF-35  | 11/30/2017    | ND                           | 8.40                                    | NA                        | 6943.50                     | 6951.90                                           | 6951.65                               | -0.25                                   | 16.70                   | 6.0                             | 16.0                               |
| MKTF-35  | 2/15/2018     | ND                           | 8.95                                    | NA                        | 6942.95                     | 6951.90                                           | 6951.65                               | -0.25                                   | 16.72                   | 6.0                             | 16.0                               |
| MKTF-35  | 4/26/2018     | ND                           | 8.78                                    | NA                        | 6943.12                     | 6951.90                                           | 6951.65                               | -0.25                                   | 16.65                   | 6.0                             | 16.0                               |
| MKTF-35  | 8/16/2018     | ND                           | 8.95                                    | NA                        | 6942.95                     | 6951.90                                           | 6951.65                               | -0.25                                   | 16.73                   | 6.0                             | 16.0                               |
| MKTF-35  | 11/27/2018    | ND                           | 9.35                                    | NA                        | 6942.55                     | 6951.90                                           | 6951.65                               | -0.25                                   | 16.70                   | 6.0                             | 16.0                               |
| MKTF-35  | 3/25/2019     | ND                           | 8.79                                    | NA                        | 6943.11                     | 6951.90                                           | 6951.65                               | -0.25                                   | 16.70                   | 6.0                             | 16.0                               |
| MKTF-35  | 5/16/2019     | ND                           | 8.74                                    | NA                        | 6943.16                     | 6951.90                                           | 6951.65                               | -0.25                                   | 16.70                   | 6.0                             | 16.0                               |
| MKTF-35  | 8/19/2019     | ND                           | 8.34                                    | NA                        | 6943.56                     | 6951.90                                           | 6951.65                               | -0.25                                   | 16.73                   | 6.0                             | 16.0                               |
| MKTF-35  | 10/28/2019    | ND                           | 8.67                                    | NA                        | 6943.23                     | 6951.90                                           | 6951.65                               | -0.25                                   | 16.70                   | 6.0                             | 16.0                               |
| MKTF-35  | 10/29/2019    | ND                           | 8.65                                    | NA                        | 6943.25                     | 6951.90                                           | 6951.65                               | -0.25                                   | 16.70                   | 6.0                             | 16.0                               |
| MKTF-35  | 11/12/2019    | ND                           | 8.85                                    | NA                        | 6943.05                     | 6951.90                                           | 6951.65                               | -0.25                                   | 16.70                   | 6.0                             | 16.0                               |
| MKTF-35  | 2/5/2020      | ND                           | 9.53                                    | NA                        | 6942.37                     | 6951.90                                           | 6951.65                               | -0.25                                   | 16.70                   | 6.0                             | 16.0                               |
| MKTF-35  | 6/30/2020     | ND                           | 9.50                                    | NA                        | 6942.40                     | 6951.90                                           | 6951.65                               | -0.25                                   | 16.70                   | 6.0                             | 16.0                               |
| MKTF-35  | 9/14/2020     | ND                           | 8.84                                    | NA                        | 6943.06                     | 6951.90                                           | 6951.65                               | -0.25                                   | 16.48                   | 6.0                             | 16.0                               |
| MKTF-35  | 11/10/2020    | ND                           | 9.11                                    | NA                        | 6942.79                     | 6951.90                                           | 6951.65                               | -0.25                                   | 16.48                   | 6.0                             | 16.0                               |
| MKTF-35  | 12/4/2020     | 9.27                         | 9.28                                    | 0.01                      | 6942.62                     | 6951.90                                           | 6951.65                               | -0.25                                   | 16.64                   | 6.0                             | 16.0                               |
| MKTF-35  | 1/28/2021     | ND                           | 9.71                                    | NA                        | 6942.19                     | 6951.90                                           | 6951.65                               | -0.25                                   | 16.64                   | 6.0                             | 16.0                               |
| MKTF-35  | 2/28/2021     | ND                           | 9.42                                    | NA                        | 6942.48                     | 6951.90                                           | 6951.65                               | -0.25                                   | 16.80                   | 6.0                             | 16.0                               |
| MKTF-35  | 3/31/2021     | ND                           | 9.75                                    | NA                        | 6942.15                     | 6951.90                                           | 6951.65                               | -0.25                                   | 16.80                   | 6.0                             | 16.0                               |
| MKTF-35  | 4/26/2021     | ND                           | 10.58                                   | NA                        | 6941.32                     | 6951.90                                           | 6951.65                               | -0.25                                   | 16.80                   | 6.0                             | 16.0                               |
| MKTF-35  | 5/20/2021     | ND                           | 9.85                                    | NA                        | 6942.05                     | 6951.90                                           | 6951.65                               | -0.25                                   | 16.80                   | 6.0                             | 16.0                               |
| MKTF-35  | 6/1/2021      | ND                           | 9.72                                    | NA                        | 6942.18                     | 6951.90                                           | 6951.65                               | -0.25                                   | 16.80                   | 6.0                             | 16.0                               |
| MKTF-35  | 9/9/2021      | ND                           | 10.06                                   | NA                        | 6941.84                     | 6951.90                                           | 6951.65                               | -0.25                                   | 16.80                   | 6.0                             | 16.0                               |
| MKTF-35  | 12/2/2021     | ND                           | 10.40                                   | NA                        | 6941.50                     | 6951.90                                           | 6951.65                               | -0.25                                   | 16.80                   | 6.0                             | 16.0                               |
| MKTF-35  | 1/10/2022     | ND                           | 10.23                                   | NA                        | 6941.67                     | 6951.90                                           | 6951.65                               | -0.25                                   | 16.73                   | 6.0                             | 16.0                               |
| MKTF-35  | 2/28/2022     | ND                           | 10.25                                   | NA                        | 6941.65                     | 6951.90                                           | 6951.65                               | -0.25                                   | 16.73                   | 6.0                             | 16.0                               |
| MKTF-35  | 3/1/2022      | ND                           | 10.35                                   | NA                        | 6941.55                     | 6951.90                                           | 6951.65                               | -0.25                                   | 16.73                   | 6.0                             | 16.0                               |
| MKTF-35  | 4/27/2022     | ND                           | 10.65                                   | NA                        | 6941.25                     | 6951.90                                           | 6951.65                               | -0.25                                   | 16.73                   | 6.0                             | 16.0                               |
| MKTF-35  | 5/5/2022      | ND                           | 10.64                                   | NA                        | 6941.26                     | 6951.90                                           | 6951.65                               | -0.25                                   | 16.73                   | 6.0                             | 16.0                               |
| MKTF-35  | 6/1/2022      | ND                           | 10.70                                   | NA                        | 6941.20                     | 6951.90                                           | 6951.65                               | -0.25                                   | 16.74                   | 6.0                             | 16.0                               |
| MKTF-35  | 7/6/2022      | ND                           | 12.35                                   | NA                        | 6939.55                     | 6951.90                                           | 6951.65                               | -0.25                                   | 16.75                   | 6.0                             | 16.0                               |
| MKTF-35  | 8/8/2022      | ND                           | 11.48                                   | NA                        | 6940.42                     | 6951.90                                           | 6951.65                               | -0.25                                   | 16.76                   | 6.0                             | 16.0                               |
| MKTF-35  | 9/2/2022      | 10.16                        | 10.21                                   | 0.05                      | 6941.69                     | 6951.90                                           | 6951.65                               | -0.25                                   | 16.75                   | 6.0                             | 16.0                               |
| MKTF-35  | 10/3/2022     | 10.27                        | 10.32                                   | 0.05                      | 6941.58                     | 6951.90                                           | 6951.65                               | -0.25                                   | 16.75                   | 6.0                             | 16.0                               |
| MKTF-35  | 11/3/2022     | 10.25                        | 10.28                                   | 0.03                      | 6941.62                     | 6951.90                                           | 6951.65                               | -0.25                                   | 16.75                   | 6.0                             | 16.0                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MKTF-35  | 12/6/2022     | 10.26                        | 10.30                                   | 0.04                      | 6941.60                     | 6951.90                                           | 6951.65                               | -0.25                                   | 16.75                   | 6.0                             | 16.0                               |
| MKTF-36  | 11/20/2014    | ND                           | 8.54                                    | NA                        | NA                          | 6950.67                                           | NA                                    | -0.55                                   | 16.00                   | 5.0                             | 15.0                               |
| MKTF-36  | 3/17/2015     | ND                           | 8.26                                    | NA                        | NA                          | 6950.67                                           | NA                                    | -0.55                                   | 16.00                   | 5.0                             | 15.0                               |
| MKTF-36  | 6/4/2015      | ND                           | 8.08                                    | NA                        | NA                          | 6950.67                                           | NA                                    | -0.55                                   | 16.00                   | 5.0                             | 15.0                               |
| MKTF-36  | 8/18/2015     | ND                           | 8.05                                    | NA                        | NA                          | 6950.67                                           | NA                                    | -0.55                                   | 16.00                   | 5.0                             | 15.0                               |
| MKTF-36  | 11/3/2015     | 7.55                         | 8.21                                    | 0.66                      | NA                          | 6950.67                                           | NA                                    | -0.55                                   | 16.00                   | 5.0                             | 15.0                               |
| MKTF-36  | 3/17/2016     | ND                           | 8.26                                    | NA                        | NA                          | 6950.67                                           | NA                                    | -0.55                                   | 16.00                   | 5.0                             | 15.0                               |
| MKTF-36  | 6/10/2016     | 7.33                         | 7.35                                    | 0.02                      | NA                          | 6950.67                                           | NA                                    | -0.55                                   | 16.00                   | 5.0                             | 15.0                               |
| MKTF-36  | 9/13/2016     | 7.09                         | 7.10                                    | 0.01                      | NA                          | 6950.67                                           | NA                                    | -0.55                                   | 16.00                   | 5.0                             | 15.0                               |
| MKTF-36  | 11/3/2016     | 7.55                         | 8.21                                    | 0.66                      | NA                          | 6950.67                                           | NA                                    | -0.55                                   | 16.00                   | 5.0                             | 15.0                               |
| MKTF-36  | 3/1/2017      | ND                           | 6.11                                    | NA                        | NA                          | 6950.67                                           | NA                                    | -0.55                                   | 16.00                   | 5.0                             | 15.0                               |
| MKTF-36  | 6/14/2017     | ND                           | 5.95                                    | NA                        | NA                          | 6950.67                                           | NA                                    | -0.55                                   | 16.00                   | 5.0                             | 15.0                               |
| MKTF-36  | 9/27/2017     | ND                           | 6.35                                    | NA                        | NA                          | 6950.67                                           | NA                                    | -0.55                                   | 16.00                   | 5.0                             | 15.0                               |
| MKTF-36  | 11/30/2017    | ND                           | 7.00                                    | NA                        | NA                          | 6950.67                                           | NA                                    | -0.55                                   | 16.00                   | 5.0                             | 15.0                               |
| MKTF-36  | 2/15/2018     | ND                           | 7.41                                    | NA                        | NA                          | 6950.67                                           | NA                                    | -0.55                                   | 16.00                   | 5.0                             | 15.0                               |
| MKTF-36  | 4/26/2018     | ND                           | 7.11                                    | NA                        | NA                          | 6950.67                                           | NA                                    | -0.55                                   | 15.95                   | 5.0                             | 15.0                               |
| MKTF-36  | 9/5/2018      | ND                           | 7.07                                    | NA                        | NA                          | 6950.67                                           | NA                                    | -0.55                                   | 15.98                   | 5.0                             | 15.0                               |
| MKTF-36  | 11/29/2018    | NA                           | NA                                      | NA                        | NA                          | 6950.67                                           | NA                                    | -0.55                                   | 15.98                   | 5.0                             | 15.0                               |
| MKTF-36  | 3/25/2019     | NA                           | NA                                      | NA                        | NA                          | 6950.67                                           | NA                                    | -0.55                                   | 15.98                   | 5.0                             | 15.0                               |
| MKTF-36  | 5/14/2019     | NA                           | NA                                      | NA                        | NA                          | 6950.67                                           | NA                                    | -0.55                                   | 15.98                   | 5.0                             | 15.0                               |
| MKTF-36  | 8/19/2019     | NA                           | NA                                      | NA                        | NA                          | 6950.67                                           | NA                                    | -0.55                                   | 15.98                   | 5.0                             | 15.0                               |
| MKTF-36  | 11/6/2019     | 5.63                         | 10.88                                   | 5.25                      | NA                          | 6950.67                                           | NA                                    | -0.55                                   | 15.95                   | 5.0                             | 15.0                               |
| MKTF-36  | 11/7/2019     | 4.69                         | 10.60                                   | 5.91                      | NA                          | 6950.67                                           | NA                                    | -0.39                                   | 16.00                   | 5.0                             | 15.0                               |
| MKTF-36  | 11/12/2019    | 7.19                         | 10.04                                   | 2.85                      | NA                          | 6950.67                                           | NA                                    | -0.39                                   | 16.00                   | 5.0                             | 15.0                               |
| MKTF-36  | 11/13/2019    | 7.34                         | 9.79                                    | 2.45                      | NA                          | 6950.67                                           | NA                                    | -0.39                                   | 16.00                   | 5.0                             | 15.0                               |
| MKTF-36  | 11/14/2019    | 7.53                         | 10.00                                   | 2.47                      | NA                          | 6950.67                                           | NA                                    | -0.39                                   | 16.00                   | 5.0                             | 15.0                               |
| MKTF-36  | 11/15/2019    | 7.70                         | 9.85                                    | 2.15                      | NA                          | 6950.67                                           | NA                                    | -0.39                                   | 16.00                   | 5.0                             | 15.0                               |
| MKTF-36  | 11/19/2019    | 8.19                         | 9.37                                    | 1.18                      | NA                          | 6950.67                                           | NA                                    | -0.39                                   | 16.00                   | 5.0                             | 15.0                               |
| MKTF-36  | 11/21/2019    | 8.39                         | 9.17                                    | 0.78                      | NA                          | 6950.67                                           | NA                                    | -0.39                                   | 16.00                   | 5.0                             | 15.0                               |
| MKTF-36  | 12/2/2019     | 8.64                         | 9.34                                    | 0.70                      | NA                          | 6950.67                                           | NA                                    | -0.39                                   | 16.00                   | 5.0                             | 15.0                               |
| MKTF-36  | 2/3/2020      | 8.28                         | 8.83                                    | 0.55                      | 6941.68                     | 6950.67                                           | 6950.12                               | -0.39                                   | 16.00                   | 5.0                             | 15.0                               |
| MKTF-36  | 6/30/2020     | 8.43                         | 8.64                                    | 0.21                      | 6941.87                     | 6950.67                                           | 6950.12                               | -0.39                                   | 16.00                   | 5.0                             | 15.0                               |
| MKTF-36  | 9/14/2020     | ND                           | 8.26                                    | NA                        | 6942.25                     | 6950.67                                           | 6950.12                               | -0.39                                   | 15.97                   | 5.0                             | 15.0                               |
| MKTF-36  | 11/10/2020    | 8.37                         | 8.42                                    | 0.05                      | 6942.09                     | 6950.67                                           | 6950.12                               | -0.39                                   | 15.97                   | 5.0                             | 15.0                               |
| MKTF-36  | 12/4/2020     | 8.49                         | 8.56                                    | 0.07                      | 6941.95                     | 6950.67                                           | 6950.12                               | -0.39                                   | 15.97                   | 5.0                             | 15.0                               |
| MKTF-36  | 1/28/2021     | 8.52                         | 8.57                                    | 0.05                      | 6941.94                     | 6950.67                                           | 6950.12                               | -0.39                                   | 15.97                   | 5.0                             | 15.0                               |
| MKTF-36  | 2/28/2021     | 8.65                         | 8.66                                    | 0.01                      | 6941.85                     | 6950.67                                           | 6950.12                               | -0.39                                   | 15.97                   | 5.0                             | 15.0                               |
| MKTF-36  | 3/31/2021     | ND                           | 8.75                                    | NA                        | 6941.76                     | 6950.67                                           | 6950.12                               | -0.39                                   | 15.97                   | 5.0                             | 15.0                               |
| MKTF-36  | 4/26/2021     | ND                           | 9.30                                    | NA                        | 6941.21                     | 6950.67                                           | 6950.12                               | -0.39                                   | 15.97                   | 5.0                             | 15.0                               |
| MKTF-36  | 5/20/2021     | ND                           | 8.69                                    | NA                        | 6941.82                     | 6950.67                                           | 6950.12                               | -0.39                                   | 15.97                   | 5.0                             | 15.0                               |
| MKTF-36  | 6/1/2021      | ND                           | 8.50                                    | NA                        | 6942.01                     | 6950.67                                           | 6950.12                               | -0.39                                   | 15.97                   | 5.0                             | 15.0                               |
| MKTF-36  | 9/8/2021      | 8.83                         | 8.95                                    | 0.12                      | 6941.56                     | 6950.67                                           | 6950.12                               | -0.39                                   | 15.97                   | 5.0                             | 15.0                               |
| MKTF-36  | 12/9/2021     | 8.80                         | 8.99                                    | 0.19                      | 6941.52                     | 6950.67                                           | 6950.12                               | -0.39                                   | 15.97                   | 5.0                             | 15.0                               |
| MKTF-36  | 1/10/2022     | 8.76                         | 8.96                                    | 0.20                      | 6941.55                     | 6950.67                                           | 6950.12                               | -0.39                                   | 15.97                   | 5.0                             | 15.0                               |
| MKTF-36  | 2/28/2022     | 8.69                         | 8.99                                    | 0.30                      | 6941.52                     | 6950.67                                           | 6950.12                               | -0.39                                   | 15.97                   | 5.0                             | 15.0                               |
| MKTF-36  | 3/2/2022      | 8.76                         | 8.94                                    | 0.18                      | 6941.57                     | 6950.67                                           | 6950.12                               | -0.39                                   | 15.97                   | 5.0                             | 15.0                               |
| MKTF-36  | 4/27/2022     | 9.46                         | 9.54                                    | 0.08                      | 6940.97                     | 6950.67                                           | 6950.12                               | -0.39                                   | 15.97                   | 5.0                             | 15.0                               |
| MKTF-36  | 5/4/2022      | 9.39                         | 9.49                                    | 0.10                      | 6941.02                     | 6950.67                                           | 6950.12                               | -0.39                                   | 15.97                   | 5.0                             | 15.0                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MKTF-36  | 6/1/2022      | 8.74                         | 8.92                                    | 0.18                      | 6941.59                     | 6950.67                                           | 6950.12                               | -0.39                                   | 15.99                   | 5.0                             | 15.0                               |
| MKTF-36  | 7/6/2022      | 8.91                         | 8.98                                    | 0.07                      | 6941.53                     | 6950.67                                           | 6950.12                               | -0.39                                   | 16.01                   | 5.0                             | 15.0                               |
| MKTF-36  | 8/8/2022      | 8.86                         | 8.93                                    | 0.07                      | 6941.58                     | 6950.67                                           | 6950.12                               | -0.39                                   | 16.03                   | 5.0                             | 15.0                               |
| MKTF-36  | 9/2/2022      | 8.66                         | 8.73                                    | 0.07                      | 6941.78                     | 6950.67                                           | 6950.12                               | -0.39                                   | 15.99                   | 5.0                             | 15.0                               |
| MKTF-36  | 10/3/2022     | 8.70                         | 8.77                                    | 0.07                      | 6941.74                     | 6950.67                                           | 6950.12                               | -0.39                                   | 15.99                   | 5.0                             | 15.0                               |
| MKTF-36  | 11/3/2022     | 8.72                         | 8.79                                    | 0.07                      | 6941.72                     | 6950.67                                           | 6950.12                               | -0.39                                   | 15.99                   | 5.0                             | 15.0                               |
| MKTF-36  | 12/6/2022     | 8.79                         | 8.87                                    | 0.08                      | 6941.64                     | 6950.67                                           | 6950.12                               | -0.39                                   | 15.99                   | 5.0                             | 15.0                               |
| MKTF-37  | 11/20/2014    | ND                           | 15.25                                   | NA                        | 6943.82                     | 6959.07                                           | 6958.87                               | -0.20                                   | 24.80                   | 4.0                             | 24.0                               |
| MKTF-37  | 3/17/2015     | ND                           | 9.41                                    | NA                        | 6949.66                     | 6959.07                                           | 6958.87                               | -0.20                                   | 24.80                   | 4.0                             | 24.0                               |
| MKTF-37  | 6/4/2015      | ND                           | 9.68                                    | NA                        | 6949.39                     | 6959.07                                           | 6958.87                               | -0.20                                   | 24.80                   | 4.0                             | 24.0                               |
| MKTF-37  | 8/18/2015     | ND                           | 9.65                                    | NA                        | 6949.42                     | 6959.07                                           | 6958.87                               | -0.20                                   | 24.80                   | 4.0                             | 24.0                               |
| MKTF-37  | 11/3/2015     | 9.74                         | 9.77                                    | 0.03                      | 6949.30                     | 6959.07                                           | 6958.87                               | -0.20                                   | 24.80                   | 4.0                             | 24.0                               |
| MKTF-37  | 3/17/2016     | ND                           | 9.41                                    | NA                        | 6949.66                     | 6959.07                                           | 6958.87                               | -0.20                                   | 24.80                   | 4.0                             | 24.0                               |
| MKTF-37  | 6/10/2016     | 8.41                         | 8.43                                    | 0.02                      | 6950.64                     | 6959.07                                           | 6958.87                               | -0.20                                   | 24.80                   | 4.0                             | 24.0                               |
| MKTF-37  | 9/12/2016     | ND                           | 7.85                                    | NA                        | 6951.22                     | 6959.07                                           | 6958.87                               | -0.20                                   | 24.80                   | 4.0                             | 24.0                               |
| MKTF-37  | 11/3/2016     | 9.74                         | 9.77                                    | 0.03                      | 6949.30                     | 6959.07                                           | 6958.87                               | -0.20                                   | 24.80                   | 4.0                             | 24.0                               |
| MKTF-37  | 3/1/2017      | ND                           | 7.10                                    | NA                        | 6951.97                     | 6959.07                                           | 6958.87                               | -0.20                                   | 24.80                   | 4.0                             | 24.0                               |
| MKTF-37  | 6/14/2017     | 7.40                         | 7.44                                    | 0.04                      | 6951.63                     | 6959.07                                           | 6958.87                               | -0.20                                   | 24.80                   | 4.0                             | 24.0                               |
| MKTF-37  | 9/27/2017     | 8.03                         | 8.09                                    | 0.06                      | 6950.98                     | 6959.07                                           | 6958.87                               | -0.20                                   | 24.80                   | 4.0                             | 24.0                               |
| MKTF-37  | 11/30/2017    | 8.59                         | 8.61                                    | 0.02                      | 6950.46                     | 6959.07                                           | 6958.87                               | -0.20                                   | 24.80                   | 4.0                             | 24.0                               |
| MKTF-37  | 2/15/2018     | 9.16                         | 9.20                                    | 0.04                      | 6949.87                     | 6959.07                                           | 6958.87                               | -0.20                                   | 24.80                   | 4.0                             | 24.0                               |
| MKTF-37  | 4/26/2018     | ND                           | 8.72                                    | NA                        | 6950.35                     | 6959.07                                           | 6958.87                               | -0.20                                   | 24.74                   | 4.0                             | 24.0                               |
| MKTF-37  | 8/16/2018     | ND                           | 8.90                                    | NA                        | 6950.17                     | 6959.07                                           | 6958.87                               | -0.20                                   | 24.79                   | 4.0                             | 24.0                               |
| MKTF-37  | 11/27/2018    | 9.60                         | 9.72                                    | 0.12                      | 6949.35                     | 6959.07                                           | 6958.87                               | -0.20                                   | 24.80                   | 4.0                             | 24.0                               |
| MKTF-37  | 3/25/2019     | ND                           | 8.59                                    | NA                        | 6950.48                     | 6959.07                                           | 6958.87                               | -0.20                                   | 24.80                   | 4.0                             | 24.0                               |
| MKTF-37  | 5/16/2019     | 9.30                         | 9.38                                    | 0.08                      | 6949.69                     | 6959.07                                           | 6958.87                               | -0.20                                   | 24.80                   | 4.0                             | 24.0                               |
| MKTF-37  | 8/23/2019     | 9.05                         | 9.07                                    | 0.02                      | 6950.00                     | 6959.07                                           | 6958.87                               | -0.20                                   | 24.79                   | 4.0                             | 24.0                               |
| MKTF-37  | 10/28/2019    | 9.50                         | 9.53                                    | 0.03                      | 6949.54                     | 6959.07                                           | 6958.87                               | -0.20                                   | 24.80                   | 4.0                             | 24.0                               |
| MKTF-37  | 10/29/2019    | 9.37                         | 9.40                                    | 0.03                      | 6949.67                     | 6959.07                                           | 6958.87                               | -0.20                                   | 24.80                   | 4.0                             | 24.0                               |
| MKTF-37  | 11/12/2019    | 9.72                         | 9.76                                    | 0.04                      | 6949.31                     | 6959.07                                           | 6958.87                               | -0.20                                   | 24.80                   | 4.0                             | 24.0                               |
| MKTF-37  | 2/3/2020      | 9.97                         | 10.09                                   | 0.12                      | 6948.98                     | 6959.07                                           | 6958.87                               | -0.20                                   | 24.80                   | 4.0                             | 24.0                               |
| MKTF-37  | 6/30/2020     | 9.81                         | 9.83                                    | 0.02                      | 6949.24                     | 6959.07                                           | 6958.87                               | -0.20                                   | 24.80                   | 4.0                             | 24.0                               |
| MKTF-37  | 9/14/2020     | ND                           | 8.96                                    | NA                        | 6950.11                     | 6959.07                                           | 6958.87                               | -0.20                                   | 24.74                   | 4.0                             | 24.0                               |
| MKTF-37  | 11/10/2020    | 9.56                         | 9.57                                    | 0.01                      | 6949.50                     | 6959.07                                           | 6958.87                               | -0.20                                   | 24.74                   | 4.0                             | 24.0                               |
| MKTF-37  | 12/4/2020     | 9.84                         | 9.85                                    | 0.01                      | 6949.22                     | 6959.07                                           | 6958.87                               | -0.20                                   | 24.81                   | 4.0                             | 24.0                               |
| MKTF-37  | 1/28/2021     | 9.84                         | 9.85                                    | 0.01                      | 6949.22                     | 6959.07                                           | 6958.87                               | -0.20                                   | 24.81                   | 4.0                             | 24.0                               |
| MKTF-37  | 2/28/2021     | 9.85                         | 9.87                                    | 0.02                      | 6949.20                     | 6959.07                                           | 6958.87                               | -0.20                                   | 24.87                   | 4.0                             | 24.0                               |
| MKTF-37  | 3/31/2021     | 10.03                        | 10.05                                   | 0.02                      | 6949.02                     | 6959.07                                           | 6958.87                               | -0.20                                   | 24.87                   | 4.0                             | 24.0                               |
| MKTF-37  | 4/26/2021     | 10.30                        | 10.33                                   | 0.03                      | 6948.74                     | 6959.07                                           | 6958.87                               | -0.20                                   | 24.87                   | 4.0                             | 24.0                               |
| MKTF-37  | 5/20/2021     | 9.99                         | 10.02                                   | 0.03                      | 6949.05                     | 6959.07                                           | 6958.87                               | -0.20                                   | 24.87                   | 4.0                             | 24.0                               |
| MKTF-37  | 6/1/2021      | 10.06                        | 10.10                                   | 0.04                      | 6948.97                     | 6959.07                                           | 6958.87                               | -0.20                                   | 24.87                   | 4.0                             | 24.0                               |
| MKTF-37  | 9/8/2021      | 10.14                        | 10.31                                   | 0.17                      | 6948.76                     | 6959.07                                           | 6958.87                               | -0.20                                   | 24.87                   | 4.0                             | 24.0                               |
| MKTF-37  | 12/9/2021     | 10.50                        | 10.57                                   | 0.07                      | 6948.50                     | 6959.07                                           | 6958.87                               | -0.20                                   | 24.87                   | 4.0                             | 24.0                               |
| MKTF-37  | 1/10/2022     | 11.30                        | 11.45                                   | 0.15                      | 6947.62                     | 6959.07                                           | 6958.87                               | -0.20                                   | 24.87                   | 4.0                             | 24.0                               |
| MKTF-37  | 2/28/2022     | 11.20                        | 11.44                                   | 0.24                      | 6947.63                     | 6959.07                                           | 6958.87                               | -0.20                                   | 24.87                   | 4.0                             | 24.0                               |
| MKTF-37  | 3/1/2022      | 10.52                        | 10.59                                   | 0.07                      | 6948.48                     | 6959.07                                           | 6958.87                               | -0.20                                   | 24.89                   | 4.0                             | 24.0                               |
| MKTF-37  | 4/27/2022     | 11.52                        | 11.75                                   | 0.23                      | 6947.32                     | 6959.07                                           | 6958.87                               | -0.20                                   | 24.89                   | 4.0                             | 24.0                               |
| MKTF-37  | 5/5/2022      | 11.31                        | 11.41                                   | 0.10                      | 6947.66                     | 6959.07                                           | 6958.87                               | -0.20                                   | 24.89                   | 4.0                             | 24.0                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MKTF-37  | 6/1/2022      | 10.59                        | 10.64                                   | 0.05                      | 6948.43                     | 6959.07                                           | 6958.87                               | -0.20                                   | 24.90                   | 4.0                             | 24.0                               |
| MKTF-37  | 7/6/2022      | 11.16                        | 11.17                                   | 0.01                      | 6947.90                     | 6959.07                                           | 6958.87                               | -0.20                                   | 24.91                   | 4.0                             | 24.0                               |
| MKTF-37  | 8/8/2022      | 11.23                        | 11.27                                   | 0.04                      | 6947.80                     | 6959.07                                           | 6958.87                               | -0.20                                   | 24.92                   | 4.0                             | 24.0                               |
| MKTF-37  | 9/5/2022      | 10.55                        | 10.61                                   | 0.06                      | 6948.46                     | 6959.07                                           | 6958.87                               | -0.20                                   | 24.92                   | 4.0                             | 24.0                               |
| MKTF-37  | 10/3/2022     | 10.50                        | 10.57                                   | 0.07                      | 6948.50                     | 6959.07                                           | 6958.87                               | -0.20                                   | 24.92                   | 4.0                             | 24.0                               |
| MKTF-37  | 11/3/2022     | 10.52                        | 10.57                                   | 0.05                      | 6948.50                     | 6959.07                                           | 6958.87                               | -0.20                                   | 24.92                   | 4.0                             | 24.0                               |
| MKTF-37  | 12/6/2022     | 10.80                        | 10.84                                   | 0.04                      | 6948.23                     | 6959.07                                           | 6958.87                               | -0.20                                   | 24.92                   | 4.0                             | 24.0                               |
| MKTF-38  | 3/16/2015     | ND                           | 9.28                                    | NA                        | 6945.89                     | 6955.17                                           | 6954.89                               | -0.28                                   | 20.57                   | 5.0                             | 20.0                               |
| MKTF-38  | 6/10/2015     | ND                           | 9.62                                    | NA                        | 6945.55                     | 6955.17                                           | 6954.89                               | -0.28                                   | 20.57                   | 5.0                             | 20.0                               |
| MKTF-38  | 8/24/2015     | ND                           | 9.53                                    | NA                        | 6945.64                     | 6955.17                                           | 6954.89                               | -0.28                                   | 20.57                   | 5.0                             | 20.0                               |
| MKTF-38  | 11/9/2015     | ND                           | 9.73                                    | NA                        | 6945.44                     | 6955.17                                           | 6954.89                               | -0.28                                   | 20.57                   | 5.0                             | 20.0                               |
| MKTF-38  | 2/29/2016     | ND                           | 8.91                                    | NA                        | 6946.26                     | 6955.17                                           | 6954.89                               | -0.28                                   | 20.57                   | 5.0                             | 20.0                               |
| MKTF-38  | 6/8/2016      | ND                           | 8.71                                    | NA                        | 6946.46                     | 6955.17                                           | 6954.89                               | -0.28                                   | 20.57                   | 5.0                             | 20.0                               |
| MKTF-38  | 9/13/2016     | ND                           | 8.28                                    | NA                        | 6946.89                     | 6955.17                                           | 6954.89                               | -0.28                                   | 20.57                   | 5.0                             | 20.0                               |
| MKTF-38  | 11/9/2016     | ND                           | 9.73                                    | NA                        | 6945.44                     | 6955.17                                           | 6954.89                               | -0.28                                   | 20.57                   | 5.0                             | 20.0                               |
| MKTF-38  | 3/14/2017     | ND                           | 6.69                                    | NA                        | 6948.48                     | 6955.17                                           | 6954.89                               | -0.28                                   | 20.57                   | 5.0                             | 20.0                               |
| MKTF-38  | 6/21/2017     | ND                           | 6.68                                    | NA                        | 6948.49                     | 6955.17                                           | 6954.89                               | -0.28                                   | 20.57                   | 5.0                             | 20.0                               |
| MKTF-38  | 9/28/2017     | ND                           | 6.60                                    | NA                        | 6948.57                     | 6955.17                                           | 6954.89                               | -0.28                                   | 20.57                   | 5.0                             | 20.0                               |
| MKTF-38  | 11/30/2017    | ND                           | 8.11                                    | NA                        | 6947.06                     | 6955.17                                           | 6954.89                               | -0.28                                   | 20.57                   | 5.0                             | 20.0                               |
| MKTF-38  | 2/12/2018     | ND                           | 8.68                                    | NA                        | 6946.49                     | 6955.17                                           | 6954.89                               | -0.28                                   | 20.58                   | 5.0                             | 20.0                               |
| MKTF-38  | 4/25/2018     | ND                           | 8.07                                    | NA                        | 6947.10                     | 6955.17                                           | 6954.89                               | -0.28                                   | 20.56                   | 5.0                             | 20.0                               |
| MKTF-38  | 8/16/2018     | ND                           | 8.33                                    | NA                        | 6946.84                     | 6955.17                                           | 6954.89                               | -0.28                                   | 20.55                   | 5.0                             | 20.0                               |
| MKTF-38  | 11/19/2018    | ND                           | 9.27                                    | NA                        | 6945.90                     | 6955.17                                           | 6954.89                               | -0.28                                   | 20.57                   | 5.0                             | 20.0                               |
| MKTF-38  | 3/26/2019     | ND                           | 11.58                                   | NA                        | 6943.59                     | 6955.17                                           | 6954.89                               | -0.28                                   | 20.57                   | 5.0                             | 20.0                               |
| MKTF-38  | 5/14/2019     | ND                           | 8.94                                    | NA                        | 6946.23                     | 6955.17                                           | 6954.89                               | -0.28                                   | 20.57                   | 5.0                             | 20.0                               |
| MKTF-38  | 6/27/2019     | ND                           | 9.03                                    | NA                        | 6946.14                     | 6955.17                                           | 6954.89                               | -0.28                                   | 20.57                   | 5.0                             | 20.0                               |
| MKTF-38  | 8/20/2019     | ND                           | 9.05                                    | NA                        | 6946.12                     | 6955.17                                           | 6954.89                               | -0.28                                   | 20.55                   | 5.0                             | 20.0                               |
| MKTF-38  | 12/3/2019     | ND                           | 9.78                                    | NA                        | 6945.39                     | 6955.17                                           | 6954.89                               | -0.28                                   | 20.57                   | 5.0                             | 20.0                               |
| MKTF-38  | 3/4/2020      | ND                           | 9.89                                    | NA                        | 6945.28                     | 6955.17                                           | 6954.89                               | -0.28                                   | 20.59                   | 5.0                             | 20.0                               |
| MKTF-38  | 6/26/2020     | ND                           | 9.66                                    | NA                        | 6945.51                     | 6955.17                                           | 6954.89                               | -0.28                                   | 20.61                   | 5.0                             | 20.0                               |
| MKTF-38  | 9/14/2020     | ND                           | 8.83                                    | NA                        | 6946.34                     | 6955.17                                           | 6954.89                               | -0.28                                   | 20.46                   | 5.0                             | 20.0                               |
| MKTF-38  | 11/10/2020    | ND                           | 9.40                                    | NA                        | 6945.77                     | 6955.17                                           | 6954.89                               | -0.28                                   | 20.46                   | 5.0                             | 20.0                               |
| MKTF-38  | 12/4/2020     | 9.63                         | 9.64                                    | 0.01                      | 6945.53                     | 6955.17                                           | 6954.89                               | -0.28                                   | 21.58                   | 5.0                             | 20.0                               |
| MKTF-38  | 2/28/2021     | ND                           | 9.50                                    | NA                        | 6945.67                     | 6955.17                                           | 6954.89                               | -0.28                                   | 21.58                   | 5.0                             | 20.0                               |
| MKTF-38  | 2/28/2021     | ND                           | 9.45                                    | NA                        | 6945.72                     | 6955.17                                           | 6954.89                               | -0.28                                   | 20.62                   | 5.0                             | 20.0                               |
| MKTF-38  | 3/31/2021     | ND                           | 9.58                                    | NA                        | 6945.59                     | 6955.17                                           | 6954.89                               | -0.28                                   | 20.62                   | 5.0                             | 20.0                               |
| MKTF-38  | 4/26/2021     | ND                           | 9.14                                    | NA                        | 6946.03                     | 6955.17                                           | 6954.89                               | -0.28                                   | 20.62                   | 5.0                             | 20.0                               |
| MKTF-38  | 5/20/2021     | ND                           | 9.59                                    | NA                        | 6945.58                     | 6955.17                                           | 6954.89                               | -0.28                                   | 20.62                   | 5.0                             | 20.0                               |
| MKTF-38  | 6/1/2021      | ND                           | 9.23                                    | NA                        | 6945.94                     | 6955.17                                           | 6954.89                               | -0.28                                   | 20.62                   | 5.0                             | 20.0                               |
| MKTF-38  | 9/8/2021      | ND                           | 10.58                                   | NA                        | 6944.59                     | 6955.17                                           | 6954.89                               | -0.28                                   | 20.62                   | 5.0                             | 20.0                               |
| MKTF-38  | 12/2/2021     | ND                           | 10.98                                   | NA                        | 6944.19                     | 6955.17                                           | 6954.89                               | -0.28                                   | 20.62                   | 5.0                             | 20.0                               |
| MKTF-38  | 1/10/2022     | ND                           | 10.96                                   | NA                        | 6944.21                     | 6955.17                                           | 6954.89                               | -0.28                                   | 20.62                   | 5.0                             | 20.0                               |
| MKTF-38  | 2/28/2022     | ND                           | 10.98                                   | NA                        | 6944.19                     | 6955.17                                           | 6954.89                               | -0.28                                   | 20.62                   | 5.0                             | 20.0                               |
| MKTF-38  | 3/1/2022      | ND                           | 10.94                                   | NA                        | 6944.23                     | 6955.17                                           | 6954.89                               | -0.28                                   | 20.56                   | 5.0                             | 20.0                               |
| MKTF-38  | 4/27/2022     | ND                           | 11.40                                   | NA                        | 6943.77                     | 6955.17                                           | 6954.89                               | -0.28                                   | 20.56                   | 5.0                             | 20.0                               |
| MKTF-38  | 5/5/2022      | ND                           | 11.27                                   | NA                        | 6943.90                     | 6955.17                                           | 6954.89                               | -0.28                                   | 20.56                   | 5.0                             | 20.0                               |
| MKTF-38  | 6/1/2022      | ND                           | 10.98                                   | NA                        | 6944.19                     | 6955.17                                           | 6954.89                               | -0.28                                   | 20.58                   | 5.0                             | 20.0                               |
| MKTF-38  | 7/6/2022      | ND                           | 10.05                                   | NA                        | 6945.12                     | 6955.17                                           | 6954.89                               | -0.28                                   | 20.60                   | 5.0                             | 20.0                               |



APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MKTF-38  | 8/8/2022      | ND                           | 10.50                                   | NA                        | 6944.67                     | 6955.17                                           | 6954.89                               | -0.28                                   | 20.62                   | 5.0                             | 20.0                               |
| MKTF-38  | 9/2/2022      | ND                           | 11.13                                   | NA                        | 6944.04                     | 6955.17                                           | 6954.89                               | -0.28                                   | 20.58                   | 5.0                             | 20.0                               |
| MKTF-38  | 10/3/2022     | ND                           | 11.21                                   | NA                        | 6943.96                     | 6955.17                                           | 6954.89                               | -0.28                                   | 20.58                   | 5.0                             | 20.0                               |
| MKTF-38  | 11/3/2022     | ND                           | 11.23                                   | NA                        | 6943.94                     | 6955.17                                           | 6954.89                               | -0.28                                   | 20.58                   | 5.0                             | 20.0                               |
| MKTF-38  | 12/5/2022     | ND                           | 10.60                                   | NA                        | 6944.57                     | 6955.17                                           | 6954.89                               | -0.28                                   | 20.58                   | 5.0                             | 20.0                               |
| MKTF-39  | 11/18/2014    | ND                           | 10.47                                   | NA                        | 6943.50                     | 6953.97                                           | 6953.75                               | -0.22                                   | 15.42                   | 5.0                             | 15.0                               |
| MKTF-39  | 3/16/2015     | ND                           | 9.10                                    | NA                        | 6944.87                     | 6953.97                                           | 6953.75                               | -0.22                                   | 15.42                   | 5.0                             | 15.0                               |
| MKTF-39  | 6/10/2015     | ND                           | 9.53                                    | NA                        | 6944.44                     | 6953.97                                           | 6953.75                               | -0.22                                   | 15.42                   | 5.0                             | 15.0                               |
| MKTF-39  | 8/23/2015     | ND                           | 9.46                                    | NA                        | 6944.51                     | 6953.97                                           | 6953.75                               | -0.22                                   | 15.42                   | 5.0                             | 15.0                               |
| MKTF-39  | 11/9/2015     | ND                           | 9.61                                    | NA                        | 6944.36                     | 6953.97                                           | 6953.75                               | -0.22                                   | 15.42                   | 5.0                             | 15.0                               |
| MKTF-39  | 3/3/2016      | ND                           | 8.72                                    | NA                        | 6945.25                     | 6953.97                                           | 6953.75                               | -0.22                                   | 15.42                   | 5.0                             | 15.0                               |
| MKTF-39  | 6/8/2016      | ND                           | 8.55                                    | NA                        | 6945.42                     | 6953.97                                           | 6953.75                               | -0.22                                   | 15.42                   | 5.0                             | 15.0                               |
| MKTF-39  | 9/13/2016     | ND                           | 8.62                                    | NA                        | 6945.35                     | 6953.97                                           | 6953.75                               | -0.22                                   | 15.42                   | 5.0                             | 15.0                               |
| MKTF-39  | 11/9/2016     | ND                           | 9.61                                    | NA                        | 6944.36                     | 6953.97                                           | 6953.75                               | -0.22                                   | 15.42                   | 5.0                             | 15.0                               |
| MKTF-39  | 3/14/2017     | ND                           | 6.66                                    | NA                        | 6947.31                     | 6953.97                                           | 6953.75                               | -0.22                                   | 15.42                   | 5.0                             | 15.0                               |
| MKTF-39  | 6/8/2017      | ND                           | 6.47                                    | NA                        | 6947.50                     | 6953.97                                           | 6953.75                               | -0.22                                   | 15.42                   | 5.0                             | 15.0                               |
| MKTF-39  | 9/28/2017     | ND                           | 7.54                                    | NA                        | 6946.43                     | 6953.97                                           | 6953.75                               | -0.22                                   | 15.42                   | 5.0                             | 15.0                               |
| MKTF-39  | 11/28/2017    | ND                           | 7.77                                    | NA                        | 6946.20                     | 6953.97                                           | 6953.75                               | -0.22                                   | 15.40                   | 5.0                             | 15.0                               |
| MKTF-39  | 2/8/2018      | ND                           | 8.40                                    | NA                        | 6945.57                     | 6953.97                                           | 6953.75                               | -0.22                                   | 15.42                   | 5.0                             | 15.0                               |
| MKTF-39  | 4/25/2018     | ND                           | 8.04                                    | NA                        | 6945.93                     | 6953.97                                           | 6953.75                               | -0.22                                   | 15.35                   | 5.0                             | 15.0                               |
| MKTF-39  | 8/16/2018     | ND                           | 8.52                                    | NA                        | 6945.45                     | 6953.97                                           | 6953.75                               | -0.22                                   | 15.42                   | 5.0                             | 15.0                               |
| MKTF-39  | 11/19/2018    | ND                           | 9.22                                    | NA                        | 6944.75                     | 6953.97                                           | 6953.75                               | -0.22                                   | 15.40                   | 5.0                             | 15.0                               |
| MKTF-39  | 3/28/2019     | NA                           | NA                                      | NA                        | NA                          | 6953.97                                           | 6953.75                               | -0.22                                   | 15.42                   | 5.0                             | 15.0                               |
| MKTF-39  | 6/5/2019      | ND                           | 8.91                                    | NA                        | 6945.06                     | 6953.97                                           | 6953.75                               | -0.22                                   | 15.42                   | 5.0                             | 15.0                               |
| MKTF-39  | 8/20/2019     | ND                           | 9.26                                    | NA                        | 6944.71                     | 6953.97                                           | 6953.75                               | -0.22                                   | 15.42                   | 5.0                             | 15.0                               |
| MKTF-39  | 11/4/2019     | ND                           | 9.81                                    | NA                        | 6944.16                     | 6953.97                                           | 6953.75                               | -0.22                                   | 15.40                   | 5.0                             | 15.0                               |
| MKTF-39  | 2/3/2020      | ND                           | 10.32                                   | NA                        | 6943.65                     | 6953.97                                           | 6953.75                               | -0.22                                   | 15.42                   | 5.0                             | 15.0                               |
| MKTF-39  | 6/26/2020     | ND                           | 9.85                                    | NA                        | 6944.12                     | 6953.97                                           | 6953.75                               | -0.22                                   | 15.22                   | 5.0                             | 15.0                               |
| MKTF-39  | 9/15/2020     | ND                           | 9.80                                    | NA                        | 6944.17                     | 6953.97                                           | 6953.75                               | -0.22                                   | 14.41                   | 5.0                             | 15.0                               |
| MKTF-39  | 11/10/2020    | ND                           | 10.27                                   | NA                        | 6943.70                     | 6953.97                                           | 6953.75                               | -0.22                                   | 14.41                   | 5.0                             | 15.0                               |
| MKTF-39  | 12/4/2020     | ND                           | 10.37                                   | NA                        | 6943.60                     | 6953.97                                           | 6953.75                               | -0.22                                   | 15.41                   | 5.0                             | 15.0                               |
| MKTF-39  | 1/28/2021     | 9.67                         | 11.80                                   | 2.13                      | 6942.17                     | 6953.97                                           | 6953.75                               | -0.22                                   | 15.41                   | 5.0                             | 15.0                               |
| MKTF-39  | 2/28/2021     | 9.53                         | 10.24                                   | 0.71                      | 6943.73                     | 6953.97                                           | 6953.75                               | -0.22                                   | 15.43                   | 5.0                             | 15.0                               |
| MKTF-39  | 3/31/2021     | 9.60                         | 10.42                                   | 0.82                      | 6943.55                     | 6953.97                                           | 6953.75                               | -0.22                                   | 15.43                   | 5.0                             | 15.0                               |
| MKTF-39  | 4/26/2021     | 11.38                        | 11.41                                   | 0.03                      | 6942.56                     | 6953.97                                           | 6953.75                               | -0.22                                   | 15.43                   | 5.0                             | 15.0                               |
| MKTF-39  | 5/20/2021     | 9.58                         | 10.44                                   | 0.86                      | 6943.53                     | 6953.97                                           | 6953.75                               | -0.22                                   | 15.43                   | 5.0                             | 15.0                               |
| MKTF-39  | 6/1/2021      | 9.49                         | 10.28                                   | 0.79                      | 6943.69                     | 6953.97                                           | 6953.75                               | -0.22                                   | 15.43                   | 5.0                             | 15.0                               |
| MKTF-39  | 9/8/2021      | 9.33                         | 9.61                                    | 0.28                      | 6944.36                     | 6953.97                                           | 6953.75                               | -0.22                                   | 15.43                   | 5.0                             | 15.0                               |
| MKTF-39  | 12/3/2021     | 9.88                         | 10.27                                   | 0.39                      | 6943.70                     | 6953.97                                           | 6953.75                               | -0.22                                   | 15.43                   | 5.0                             | 15.0                               |
| MKTF-39  | 1/10/2022     | 10.78                        | 11.32                                   | 0.54                      | 6942.65                     | 6953.97                                           | 6953.75                               | -0.22                                   | 15.43                   | 5.0                             | 15.0                               |
| MKTF-39  | 2/28/2022     | 10.80                        | 11.34                                   | 0.54                      | 6942.63                     | 6953.97                                           | 6953.75                               | -0.22                                   | 15.43                   | 5.0                             | 15.0                               |
| MKTF-39  | 3/1/2022      | 9.90                         | 10.30                                   | 0.40                      | 6943.67                     | 6953.97                                           | 6953.75                               | -0.22                                   | 15.42                   | 5.0                             | 15.0                               |
| MKTF-39  | 4/27/2022     | 10.44                        | 11.52                                   | 1.08                      | 6942.45                     | 6953.97                                           | 6953.75                               | -0.22                                   | 15.42                   | 5.0                             | 15.0                               |
| MKTF-39  | 5/4/2022      | 11.35                        | 12.20                                   | 0.85                      | 6941.77                     | 6953.97                                           | 6953.75                               | -0.22                                   | 15.42                   | 5.0                             | 15.0                               |
| MKTF-39  | 6/1/2022      | 11.47                        | 11.97                                   | 0.50                      | 6942.00                     | 6953.97                                           | 6953.75                               | -0.22                                   | 15.42                   | 5.0                             | 15.0                               |
| MKTF-39  | 7/6/2022      | 11.18                        | 11.40                                   | 0.22                      | 6942.57                     | 6953.97                                           | 6953.75                               | -0.22                                   | 15.42                   | 5.0                             | 15.0                               |
| MKTF-39  | 8/8/2022      | 10.98                        | 11.16                                   | 0.18                      | 6942.81                     | 6953.97                                           | 6953.75                               | -0.22                                   | 15.42                   | 5.0                             | 15.0                               |
| MKTF-39  | 9/5/2022      | 10.74                        | 10.95                                   | 0.21                      | 6943.02                     | 6953.97                                           | 6953.75                               | -0.22                                   | 15.42                   | 5.0                             | 15.0                               |



APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MKTF-39  | 10/3/2022     | 10.67                        | 10.82                                   | 0.15                      | 6943.15                     | 6953.97                                           | 6953.75                               | -0.22                                   | 15.42                   | 5.0                             | 15.0                               |
| MKTF-39  | 11/3/2022     | 10.65                        | 10.79                                   | 0.14                      | 6943.18                     | 6953.97                                           | 6953.75                               | -0.22                                   | 15.42                   | 5.0                             | 15.0                               |
| MKTF-39  | 12/6/2022     | 10.74                        | 10.89                                   | 0.15                      | 6943.08                     | 6953.97                                           | 6953.75                               | -0.22                                   | 15.42                   | 5.0                             | 15.0                               |
| MKTF-40  | 11/18/2014    | ND                           | 16.96                                   | NA                        | 6874.39                     | 6891.35                                           | 6894.33                               | 2.98                                    | 20.66                   | 5.0                             | 20.0                               |
| MKTF-40  | 3/11/2015     | ND                           | 11.62                                   | NA                        | 6879.73                     | 6891.35                                           | 6894.33                               | 2.98                                    | 20.66                   | 5.0                             | 20.0                               |
| MKTF-40  | 6/10/2015     | ND                           | 11.22                                   | NA                        | 6880.13                     | 6891.35                                           | 6894.33                               | 2.98                                    | 20.66                   | 5.0                             | 20.0                               |
| MKTF-40  | 8/21/2015     | ND                           | 10.85                                   | NA                        | 6880.50                     | 6891.35                                           | 6894.33                               | 2.98                                    | 20.66                   | 5.0                             | 20.0                               |
| MKTF-40  | 11/4/2015     | ND                           | 10.93                                   | NA                        | 6880.42                     | 6891.35                                           | 6894.33                               | 2.98                                    | 20.66                   | 5.0                             | 20.0                               |
| MKTF-40  | 2/23/2016     | ND                           | 10.90                                   | NA                        | 6880.45                     | 6891.35                                           | 6894.33                               | 2.98                                    | 20.66                   | 5.0                             | 20.0                               |
| MKTF-40  | 6/9/2016      | ND                           | 10.33                                   | NA                        | 6881.02                     | 6891.35                                           | 6894.33                               | 2.98                                    | 20.66                   | 5.0                             | 20.0                               |
| MKTF-40  | 9/8/2016      | ND                           | 10.54                                   | NA                        | 6880.81                     | 6891.35                                           | 6894.33                               | 2.98                                    | 20.66                   | 5.0                             | 20.0                               |
| MKTF-40  | 11/4/2016     | ND                           | 10.93                                   | NA                        | 6880.42                     | 6891.35                                           | 6894.33                               | 2.98                                    | 20.66                   | 5.0                             | 20.0                               |
| MKTF-40  | 3/7/2017      | ND                           | 10.16                                   | NA                        | 6881.19                     | 6891.35                                           | 6894.33                               | 2.98                                    | 20.66                   | 5.0                             | 20.0                               |
| MKTF-40  | 6/5/2017      | ND                           | 10.31                                   | NA                        | 6881.04                     | 6891.35                                           | 6894.33                               | 2.98                                    | 20.66                   | 5.0                             | 20.0                               |
| MKTF-40  | 9/25/2017     | ND                           | 10.30                                   | NA                        | 6881.05                     | 6891.35                                           | 6894.33                               | 2.98                                    | 20.66                   | 5.0                             | 20.0                               |
| MKTF-40  | 11/21/2017    | ND                           | 10.73                                   | NA                        | 6880.62                     | 6891.35                                           | 6894.33                               | 2.98                                    | 20.64                   | 5.0                             | 20.0                               |
| MKTF-40  | 2/5/2018      | ND                           | 10.20                                   | NA                        | 6881.15                     | 6891.35                                           | 6894.33                               | 2.98                                    | 20.64                   | 5.0                             | 20.0                               |
| MKTF-40  | 4/25/2018     | ND                           | 9.96                                    | NA                        | 6881.39                     | 6891.35                                           | 6894.33                               | 2.98                                    | 20.55                   | 5.0                             | 20.0                               |
| MKTF-40  | 8/15/2018     | ND                           | 9.76                                    | NA                        | 6881.59                     | 6891.35                                           | 6894.33                               | 2.98                                    | 20.56                   | 5.0                             | 20.0                               |
| MKTF-40  | 11/14/2018    | ND                           | 10.66                                   | NA                        | 6880.69                     | 6891.35                                           | 6894.33                               | 2.98                                    | 20.64                   | 5.0                             | 20.0                               |
| MKTF-40  | 2/20/2019     | ND                           | 9.81                                    | NA                        | 6881.54                     | 6891.35                                           | 6894.33                               | 2.98                                    | 20.66                   | 5.0                             | 20.0                               |
| MKTF-40  | 5/6/2019      | ND                           | 9.38                                    | NA                        | 6881.97                     | 6891.35                                           | 6894.33                               | 2.98                                    | 20.66                   | 5.0                             | 20.0                               |
| MKTF-40  | 8/22/2019     | ND                           | 9.17                                    | NA                        | 6882.18                     | 6891.35                                           | 6894.33                               | 2.98                                    | 20.56                   | 5.0                             | 20.0                               |
| MKTF-40  | 10/22/2019    | ND                           | 10.06                                   | NA                        | 6881.29                     | 6891.35                                           | 6894.33                               | 2.98                                    | 20.64                   | 5.0                             | 20.0                               |
| MKTF-40  | 2/27/2020     | ND                           | 10.25                                   | NA                        | 6881.10                     | 6891.35                                           | 6894.33                               | 2.98                                    | 20.66                   | 5.0                             | 20.0                               |
| MKTF-40  | 6/26/2020     | ND                           | 9.77                                    | NA                        | 6881.58                     | 6891.35                                           | 6894.33                               | 2.98                                    | 20.66                   | 5.0                             | 20.0                               |
| MKTF-40  | 9/15/2020     | ND                           | 10.41                                   | NA                        | 6880.94                     | 6891.35                                           | 6894.33                               | 2.98                                    | 20.68                   | 5.0                             | 20.0                               |
| MKTF-40  | 11/10/2020    | ND                           | 10.73                                   | NA                        | 6880.62                     | 6891.35                                           | 6894.33                               | 2.98                                    | 20.68                   | 5.0                             | 20.0                               |
| MKTF-40  | 12/4/2020     | ND                           | 11.01                                   | NA                        | 6880.34                     | 6891.35                                           | 6894.33                               | 2.98                                    | 20.69                   | 5.0                             | 20.0                               |
| MKTF-40  | 1/28/2021     | ND                           | 11.24                                   | NA                        | 6880.11                     | 6891.35                                           | 6894.33                               | 2.98                                    | 20.70                   | 5.0                             | 20.0                               |
| MKTF-40  | 2/28/2021     | ND                           | 11.19                                   | NA                        | 6880.16                     | 6891.35                                           | 6894.33                               | 2.98                                    | 20.68                   | 5.0                             | 20.0                               |
| MKTF-40  | 3/31/2021     | ND                           | 11.67                                   | NA                        | 6879.68                     | 6891.35                                           | 6894.33                               | 2.98                                    | 20.68                   | 5.0                             | 20.0                               |
| MKTF-40  | 4/26/2021     | ND                           | 12.67                                   | NA                        | 6878.68                     | 6891.35                                           | 6894.33                               | 2.98                                    | 20.68                   | 5.0                             | 20.0                               |
| MKTF-40  | 5/20/2021     | ND                           | 11.65                                   | NA                        | 6879.70                     | 6891.35                                           | 6894.33                               | 2.98                                    | 20.68                   | 5.0                             | 20.0                               |
| MKTF-40  | 6/1/2021      | ND                           | 11.72                                   | NA                        | 6879.63                     | 6891.35                                           | 6894.33                               | 2.98                                    | 20.68                   | 5.0                             | 20.0                               |
| MKTF-40  | 9/8/2021      | ND                           | 11.10                                   | NA                        | 6880.25                     | 6891.35                                           | 6894.33                               | 2.98                                    | 20.68                   | 5.0                             | 20.0                               |
| MKTF-40  | 12/16/2021    | ND                           | 11.37                                   | NA                        | 6879.98                     | 6891.35                                           | 6894.33                               | 2.98                                    | 20.68                   | 5.0                             | 20.0                               |
| MKTF-40  | 1/10/2022     | ND                           | 11.46                                   | NA                        | 6879.89                     | 6891.35                                           | 6894.33                               | 2.98                                    | 20.67                   | 5.0                             | 20.0                               |
| MKTF-40  | 2/28/2022     | ND                           | 11.42                                   | NA                        | 6879.93                     | 6891.35                                           | 6894.33                               | 2.98                                    | 20.67                   | 5.0                             | 20.0                               |
| MKTF-40  | 3/1/2022      | ND                           | 11.32                                   | NA                        | 6880.03                     | 6891.35                                           | 6894.33                               | 2.98                                    | 20.68                   | 5.0                             | 20.0                               |
| MKTF-40  | 4/27/2022     | ND                           | 12.12                                   | NA                        | 6879.23                     | 6891.35                                           | 6894.33                               | 2.98                                    | 20.68                   | 5.0                             | 20.0                               |
| MKTF-40  | 5/5/2022      | ND                           | 12.35                                   | NA                        | 6879.00                     | 6891.35                                           | 6894.33                               | 2.98                                    | 20.68                   | 5.0                             | 20.0                               |
| MKTF-40  | 6/2/2022      | ND                           | 12.56                                   | NA                        | 6878.79                     | 6891.35                                           | 6894.33                               | 2.98                                    | 20.67                   | 5.0                             | 20.0                               |
| MKTF-40  | 7/6/2022      | ND                           | 13.04                                   | NA                        | 6878.31                     | 6891.35                                           | 6894.33                               | 2.98                                    | 20.66                   | 5.0                             | 20.0                               |
| MKTF-40  | 8/8/2022      | ND                           | 12.82                                   | NA                        | 6878.53                     | 6891.35                                           | 6894.33                               | 2.98                                    | 20.65                   | 5.0                             | 20.0                               |
| MKTF-40  | 9/2/2022      | ND                           | 11.11                                   | NA                        | 6880.24                     | 6891.35                                           | 6894.33                               | 2.98                                    | 20.67                   | 5.0                             | 20.0                               |
| MKTF-40  | 10/3/2022     | ND                           | 11.17                                   | NA                        | 6880.18                     | 6891.35                                           | 6894.33                               | 2.98                                    | 20.67                   | 5.0                             | 20.0                               |
| MKTF-40  | 11/3/2022     | ND                           | 11.20                                   | NA                        | 6880.15                     | 6891.35                                           | 6894.33                               | 2.98                                    | 20.67                   | 5.0                             | 20.0                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MKTF-40  | 12/8/2022     | ND                           | 11.23                                   | NA                        | 6880.12                     | 6891.35                                           | 6894.33                               | 2.98                                    | 20.67                   | 5.0                             | 20.0                               |
| MKTF-41  | 11/18/2014    | ND                           | 24.37                                   | NA                        | 6866.74                     | 6891.11                                           | 6893.64                               | 2.53                                    | 37.57                   | 22.0                            | 37.0                               |
| MKTF-41  | 3/12/2015     | ND                           | 17.54                                   | NA                        | 6873.57                     | 6891.11                                           | 6893.64                               | 2.53                                    | 37.57                   | 22.0                            | 37.0                               |
| MKTF-41  | 6/9/2015      | ND                           | 17.24                                   | NA                        | 6873.87                     | 6891.11                                           | 6893.64                               | 2.53                                    | 37.57                   | 22.0                            | 37.0                               |
| MKTF-41  | 8/21/2015     | ND                           | 17.37                                   | NA                        | 6873.74                     | 6891.11                                           | 6893.64                               | 2.53                                    | 37.57                   | 22.0                            | 37.0                               |
| MKTF-41  | 11/5/2015     | ND                           | 17.24                                   | NA                        | 6873.87                     | 6891.11                                           | 6893.64                               | 2.53                                    | 37.57                   | 22.0                            | 37.0                               |
| MKTF-41  | 2/24/2016     | ND                           | 17.37                                   | NA                        | 6873.74                     | 6891.11                                           | 6893.64                               | 2.53                                    | 37.57                   | 22.0                            | 37.0                               |
| MKTF-41  | 6/9/2016      | ND                           | 17.12                                   | NA                        | 6873.99                     | 6891.11                                           | 6893.64                               | 2.53                                    | 37.57                   | 22.0                            | 37.0                               |
| MKTF-41  | 9/9/2016      | ND                           | 17.58                                   | NA                        | 6873.53                     | 6891.11                                           | 6893.64                               | 2.53                                    | 37.57                   | 22.0                            | 37.0                               |
| MKTF-41  | 11/5/2016     | ND                           | 17.24                                   | NA                        | 6873.87                     | 6891.11                                           | 6893.64                               | 2.53                                    | 37.57                   | 22.0                            | 37.0                               |
| MKTF-41  | 3/7/2017      | ND                           | 17.07                                   | NA                        | 6874.04                     | 6891.11                                           | 6893.64                               | 2.53                                    | 37.57                   | 22.0                            | 37.0                               |
| MKTF-41  | 6/6/2017      | ND                           | 15.96                                   | NA                        | 6875.15                     | 6891.11                                           | 6893.64                               | 2.53                                    | 37.57                   | 22.0                            | 37.0                               |
| MKTF-41  | 9/25/2017     | ND                           | 17.72                                   | NA                        | 6873.39                     | 6891.11                                           | 6893.64                               | 2.53                                    | 37.57                   | 22.0                            | 37.0                               |
| MKTF-41  | 11/27/2017    | ND                           | 17.28                                   | NA                        | 6873.83                     | 6891.11                                           | 6893.64                               | 2.53                                    | 37.18                   | 22.0                            | 37.0                               |
| MKTF-41  | 2/7/2018      | ND                           | 17.70                                   | NA                        | 6873.41                     | 6891.11                                           | 6893.64                               | 2.53                                    | 37.19                   | 22.0                            | 37.0                               |
| MKTF-41  | 4/25/2018     | ND                           | 17.44                                   | NA                        | 6873.67                     | 6891.11                                           | 6893.64                               | 2.53                                    | 37.38                   | 22.0                            | 37.0                               |
| MKTF-41  | 8/15/2018     | ND                           | 17.73                                   | NA                        | 6873.38                     | 6891.11                                           | 6893.64                               | 2.53                                    | 37.21                   | 22.0                            | 37.0                               |
| MKTF-41  | 11/14/2018    | ND                           | 17.98                                   | NA                        | 6873.13                     | 6891.11                                           | 6893.64                               | 2.53                                    | 37.18                   | 22.0                            | 37.0                               |
| MKTF-41  | 2/13/2019     | ND                           | 17.57                                   | NA                        | 6873.54                     | 6891.11                                           | 6893.64                               | 2.53                                    | 37.57                   | 22.0                            | 37.0                               |
| MKTF-41  | 5/7/2019      | ND                           | 16.99                                   | NA                        | 6874.12                     | 6891.11                                           | 6893.64                               | 2.53                                    | 37.57                   | 22.0                            | 37.0                               |
| MKTF-41  | 8/22/2019     | ND                           | 17.02                                   | NA                        | 6874.09                     | 6891.11                                           | 6893.64                               | 2.53                                    | 37.21                   | 22.0                            | 37.0                               |
| MKTF-41  | 10/23/2019    | ND                           | 17.49                                   | NA                        | 6873.62                     | 6891.11                                           | 6893.64                               | 2.53                                    | 37.18                   | 22.0                            | 37.0                               |
| MKTF-41  | 2/26/2020     | ND                           | 17.62                                   | NA                        | 6873.49                     | 6891.11                                           | 6893.64                               | 2.53                                    | 37.57                   | 22.0                            | 37.0                               |
| MKTF-41  | 6/29/2020     | ND                           | 17.24                                   | NA                        | 6873.87                     | 6891.11                                           | 6893.64                               | 2.53                                    | 37.57                   | 22.0                            | 37.0                               |
| MKTF-41  | 9/14/2020     | ND                           | 18.19                                   | NA                        | 6872.92                     | 6891.11                                           | 6893.64                               | 2.53                                    | 37.13                   | 22.0                            | 37.0                               |
| MKTF-41  | 11/10/2020    | ND                           | 18.48                                   | NA                        | 6872.63                     | 6891.11                                           | 6893.64                               | 2.53                                    | 37.13                   | 22.0                            | 37.0                               |
| MKTF-41  | 12/4/2020     | ND                           | 18.37                                   | NA                        | 6872.74                     | 6891.11                                           | 6893.64                               | 2.53                                    | 37.27                   | 22.0                            | 37.0                               |
| MKTF-41  | 1/28/2021     | ND                           | 18.68                                   | NA                        | 6872.43                     | 6891.11                                           | 6893.64                               | 2.53                                    | 37.41                   | 22.0                            | 37.0                               |
| MKTF-41  | 2/27/2021     | ND                           | 18.58                                   | NA                        | 6872.53                     | 6891.11                                           | 6893.64                               | 2.53                                    | 37.32                   | 22.0                            | 37.0                               |
| MKTF-41  | 3/31/2021     | ND                           | 18.88                                   | NA                        | 6872.23                     | 6891.11                                           | 6893.64                               | 2.53                                    | 37.32                   | 22.0                            | 37.0                               |
| MKTF-41  | 4/26/2021     | ND                           | 18.88                                   | NA                        | 6872.23                     | 6891.11                                           | 6893.64                               | 2.53                                    | 37.32                   | 22.0                            | 37.0                               |
| MKTF-41  | 5/20/2021     | ND                           | 18.87                                   | NA                        | 6872.24                     | 6891.11                                           | 6893.64                               | 2.53                                    | 37.32                   | 22.0                            | 37.0                               |
| MKTF-41  | 6/1/2021      | ND                           | 18.61                                   | NA                        | 6872.50                     | 6891.11                                           | 6893.64                               | 2.53                                    | 37.32                   | 22.0                            | 37.0                               |
| MKTF-41  | 9/9/2021      | ND                           | 19.27                                   | NA                        | 6871.84                     | 6891.11                                           | 6893.64                               | 2.53                                    | 37.32                   | 22.0                            | 37.0                               |
| MKTF-41  | 11/30/2021    | ND                           | 18.82                                   | NA                        | 6872.29                     | 6891.11                                           | 6893.64                               | 2.53                                    | 37.32                   | 22.0                            | 37.0                               |
| MKTF-41  | 1/10/2022     | ND                           | 19.27                                   | NA                        | 6871.84                     | 6891.11                                           | 6893.64                               | 2.53                                    | 37.27                   | 22.0                            | 37.0                               |
| MKTF-41  | 2/28/2022     | ND                           | 19.52                                   | NA                        | 6871.59                     | 6891.11                                           | 6893.64                               | 2.53                                    | 37.27                   | 22.0                            | 37.0                               |
| MKTF-41  | 3/1/2022      | ND                           | 18.90                                   | NA                        | 6872.21                     | 6891.11                                           | 6893.64                               | 2.53                                    | 37.23                   | 22.0                            | 37.0                               |
| MKTF-41  | 4/27/2022     | ND                           | 18.78                                   | NA                        | 6872.33                     | 6891.11                                           | 6893.64                               | 2.53                                    | 37.23                   | 22.0                            | 37.0                               |
| MKTF-41  | 5/5/2022      | ND                           | 18.79                                   | NA                        | 6872.32                     | 6891.11                                           | 6893.64                               | 2.53                                    | 37.23                   | 22.0                            | 37.0                               |
| MKTF-41  | 6/1/2022      | ND                           | 18.85                                   | NA                        | 6872.26                     | 6891.11                                           | 6893.64                               | 2.53                                    | 37.24                   | 22.0                            | 37.0                               |
| MKTF-41  | 7/6/2022      | ND                           | 18.42                                   | NA                        | 6872.69                     | 6891.11                                           | 6893.64                               | 2.53                                    | 37.25                   | 22.0                            | 37.0                               |
| MKTF-41  | 8/8/2022      | ND                           | 19.59                                   | NA                        | 6871.52                     | 6891.11                                           | 6893.64                               | 2.53                                    | 37.26                   | 22.0                            | 37.0                               |
| MKTF-41  | 9/2/2022      | ND                           | 18.57                                   | NA                        | 6872.54                     | 6891.11                                           | 6893.64                               | 2.53                                    | 37.24                   | 22.0                            | 37.0                               |
| MKTF-41  | 10/3/2022     | ND                           | 18.58                                   | NA                        | 6872.53                     | 6891.11                                           | 6893.64                               | 2.53                                    | 37.24                   | 22.0                            | 37.0                               |
| MKTF-41  | 11/3/2022     | ND                           | 18.57                                   | NA                        | 6872.54                     | 6891.11                                           | 6893.64                               | 2.53                                    | 37.24                   | 22.0                            | 37.0                               |
| MKTF-41  | 12/29/2022    | ND                           | 18.65                                   | NA                        | 6872.46                     | 6891.11                                           | 6893.64                               | 2.53                                    | 37.22                   | 22.0                            | 37.0                               |
| MKTF-42  | 11/18/2014    | ND                           | 16.26                                   | NA                        | 6874.16                     | 6890.42                                           | 6892.95                               | 2.53                                    | 30.62                   | 10.0                            | 30.0                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MKTF-42  | 3/11/2015     | ND                           | 15.44                                   | NA                        | 6874.98                     | 6890.42                                           | 6892.95                               | 2.53                                    | 30.62                   | 10.0                            | 30.0                               |
| MKTF-42  | 6/9/2015      | ND                           | 15.07                                   | NA                        | 6875.35                     | 6890.42                                           | 6892.95                               | 2.53                                    | 30.62                   | 10.0                            | 30.0                               |
| MKTF-42  | 8/21/2015     | ND                           | 14.91                                   | NA                        | 6875.51                     | 6890.42                                           | 6892.95                               | 2.53                                    | 30.62                   | 10.0                            | 30.0                               |
| MKTF-42  | 11/5/2015     | ND                           | 14.73                                   | NA                        | 6875.69                     | 6890.42                                           | 6892.95                               | 2.53                                    | 30.62                   | 10.0                            | 30.0                               |
| MKTF-42  | 2/24/2016     | ND                           | 15.16                                   | NA                        | 6875.26                     | 6890.42                                           | 6892.95                               | 2.53                                    | 30.62                   | 10.0                            | 30.0                               |
| MKTF-42  | 6/9/2016      | ND                           | 14.77                                   | NA                        | 6875.65                     | 6890.42                                           | 6892.95                               | 2.53                                    | 30.62                   | 10.0                            | 30.0                               |
| MKTF-42  | 9/9/2016      | ND                           | 14.77                                   | NA                        | 6875.65                     | 6890.42                                           | 6892.95                               | 2.53                                    | 30.62                   | 10.0                            | 30.0                               |
| MKTF-42  | 11/5/2016     | ND                           | 14.73                                   | NA                        | 6875.69                     | 6890.42                                           | 6892.95                               | 2.53                                    | 30.62                   | 10.0                            | 30.0                               |
| MKTF-42  | 3/7/2017      | ND                           | 13.19                                   | NA                        | 6877.23                     | 6890.42                                           | 6892.95                               | 2.53                                    | 30.62                   | 10.0                            | 30.0                               |
| MKTF-42  | 6/6/2017      | ND                           | 14.59                                   | NA                        | 6875.83                     | 6890.42                                           | 6892.95                               | 2.53                                    | 30.62                   | 10.0                            | 30.0                               |
| MKTF-42  | 9/25/2017     | ND                           | 14.30                                   | NA                        | 6876.12                     | 6890.42                                           | 6892.95                               | 2.53                                    | 30.62                   | 10.0                            | 30.0                               |
| MKTF-42  | 11/27/2017    | ND                           | 14.28                                   | NA                        | 6876.14                     | 6890.42                                           | 6892.95                               | 2.53                                    | 30.65                   | 10.0                            | 30.0                               |
| MKTF-42  | 2/7/2018      | ND                           | 14.88                                   | NA                        | 6875.54                     | 6890.42                                           | 6892.95                               | 2.53                                    | 30.37                   | 10.0                            | 30.0                               |
| MKTF-42  | 4/25/2018     | ND                           | 14.60                                   | NA                        | 6875.82                     | 6890.42                                           | 6892.95                               | 2.53                                    | 30.55                   | 10.0                            | 30.0                               |
| MKTF-42  | 8/15/2018     | ND                           | 14.24                                   | NA                        | 6876.18                     | 6890.42                                           | 6892.95                               | 2.53                                    | 30.67                   | 10.0                            | 30.0                               |
| MKTF-42  | 11/14/2018    | ND                           | 14.41                                   | NA                        | 6876.01                     | 6890.42                                           | 6892.95                               | 2.53                                    | 30.65                   | 10.0                            | 30.0                               |
| MKTF-42  | 2/13/2019     | ND                           | 14.65                                   | NA                        | 6875.77                     | 6890.42                                           | 6892.95                               | 2.53                                    | 30.62                   | 10.0                            | 30.0                               |
| MKTF-42  | 5/7/2019      | ND                           | 14.15                                   | NA                        | 6876.27                     | 6890.42                                           | 6892.95                               | 2.53                                    | 30.62                   | 10.0                            | 30.0                               |
| MKTF-42  | 8/22/2019     | ND                           | 13.87                                   | NA                        | 6876.55                     | 6890.42                                           | 6892.95                               | 2.53                                    | 30.67                   | 10.0                            | 30.0                               |
| MKTF-42  | 10/23/2019    | ND                           | 13.99                                   | NA                        | 6876.43                     | 6890.42                                           | 6892.95                               | 2.53                                    | 30.65                   | 10.0                            | 30.0                               |
| MKTF-42  | 2/26/2020     | ND                           | 14.26                                   | NA                        | 6876.16                     | 6890.42                                           | 6892.95                               | 2.53                                    | 30.62                   | 10.0                            | 30.0                               |
| MKTF-42  | 6/30/2020     | ND                           | 13.72                                   | NA                        | 6876.70                     | 6890.42                                           | 6892.95                               | 2.53                                    | 30.62                   | 10.0                            | 30.0                               |
| MKTF-42  | 9/14/2020     | ND                           | 13.82                                   | NA                        | 6876.60                     | 6890.42                                           | 6892.95                               | 2.53                                    | 30.57                   | 10.0                            | 30.0                               |
| MKTF-42  | 11/10/2020    | ND                           | 12.77                                   | NA                        | 6877.65                     | 6890.42                                           | 6892.95                               | 2.53                                    | 30.57                   | 10.0                            | 30.0                               |
| MKTF-42  | 12/4/2020     | ND                           | 13.88                                   | NA                        | 6876.54                     | 6890.42                                           | 6892.95                               | 2.53                                    | 30.42                   | 10.0                            | 30.0                               |
| MKTF-42  | 1/28/2021     | ND                           | 14.32                                   | NA                        | 6876.10                     | 6890.42                                           | 6892.95                               | 2.53                                    | 30.42                   | 10.0                            | 30.0                               |
| MKTF-42  | 2/27/2021     | ND                           | 14.30                                   | NA                        | 6876.12                     | 6890.42                                           | 6892.95                               | 2.53                                    | 30.71                   | 10.0                            | 30.0                               |
| MKTF-42  | 3/31/2021     | ND                           | 14.64                                   | NA                        | 6875.78                     | 6890.42                                           | 6892.95                               | 2.53                                    | 30.71                   | 10.0                            | 30.0                               |
| MKTF-42  | 4/26/2021     | ND                           | 16.38                                   | NA                        | 6874.04                     | 6890.42                                           | 6892.95                               | 2.53                                    | 30.71                   | 10.0                            | 30.0                               |
| MKTF-42  | 5/20/2021     | ND                           | 14.57                                   | NA                        | 6875.85                     | 6890.42                                           | 6892.95                               | 2.53                                    | 30.71                   | 10.0                            | 30.0                               |
| MKTF-42  | 6/1/2021      | ND                           | 14.54                                   | NA                        | 6875.88                     | 6890.42                                           | 6892.95                               | 2.53                                    | 30.71                   | 10.0                            | 30.0                               |
| MKTF-42  | 9/9/2021      | ND                           | 14.45                                   | NA                        | 6875.97                     | 6890.42                                           | 6892.95                               | 2.53                                    | 30.71                   | 10.0                            | 30.0                               |
| MKTF-42  | 11/30/2021    | ND                           | 14.27                                   | NA                        | 6876.15                     | 6890.42                                           | 6892.95                               | 2.53                                    | 30.71                   | 10.0                            | 30.0                               |
| MKTF-42  | 1/10/2022     | ND                           | 14.68                                   | NA                        | 6875.74                     | 6890.42                                           | 6892.95                               | 2.53                                    | 30.67                   | 10.0                            | 30.0                               |
| MKTF-42  | 2/28/2022     | ND                           | 14.67                                   | NA                        | 6875.75                     | 6890.42                                           | 6892.95                               | 2.53                                    | 30.67                   | 10.0                            | 30.0                               |
| MKTF-42  | 3/1/2022      | ND                           | 14.67                                   | NA                        | 6875.75                     | 6890.42                                           | 6892.95                               | 2.53                                    | 30.64                   | 10.0                            | 30.0                               |
| MKTF-42  | 4/27/2022     | ND                           | 14.60                                   | NA                        | 6875.82                     | 6890.42                                           | 6892.95                               | 2.53                                    | 30.64                   | 10.0                            | 30.0                               |
| MKTF-42  | 5/5/2022      | ND                           | 14.59                                   | NA                        | 6875.83                     | 6890.42                                           | 6892.95                               | 2.53                                    | 30.64                   | 10.0                            | 30.0                               |
| MKTF-42  | 6/1/2022      | 14.72                        | 14.74                                   | 0.02                      | 6875.68                     | 6890.42                                           | 6892.95                               | 2.53                                    | 16.45                   | 10.0                            | 30.0                               |
| MKTF-42  | 7/6/2022      | 15.50                        | 15.52                                   | 0.02                      | 6874.90                     | 6890.42                                           | 6892.95                               | 2.53                                    | 30.64                   | 10.0                            | 30.0                               |
| MKTF-42  | 8/8/2022      | 15.15                        | 15.17                                   | 0.02                      | 6875.25                     | 6890.42                                           | 6892.95                               | 2.53                                    | 30.64                   | 10.0                            | 30.0                               |
| MKTF-42  | 9/5/2022      | 14.24                        | 14.27                                   | 0.03                      | 6876.15                     | 6890.42                                           | 6892.95                               | 2.53                                    | 30.64                   | 10.0                            | 30.0                               |
| MKTF-42  | 10/3/2022     | 14.17                        | 14.25                                   | 0.08                      | 6876.17                     | 6890.42                                           | 6892.95                               | 2.53                                    | 30.64                   | 10.0                            | 30.0                               |
| MKTF-42  | 11/3/2022     | 14.07                        | 14.18                                   | 0.11                      | 6876.24                     | 6890.42                                           | 6892.95                               | 2.53                                    | 30.64                   | 10.0                            | 30.0                               |
| MKTF-42  | 12/1/2022     | 14.36                        | 14.67                                   | 0.31                      | 6875.75                     | 6890.42                                           | 6892.95                               | 2.53                                    | 30.64                   | 10.0                            | 30.0                               |
| MKTF-43  | 11/18/2014    | ND                           | 4.17                                    | NA                        | 6869.95                     | 6874.12                                           | 6876.90                               | 2.78                                    | 12.65                   | 2.0                             | 12.0                               |
| MKTF-43  | 3/11/2015     | ND                           | 2.42                                    | NA                        | 6871.70                     | 6874.12                                           | 6876.90                               | 2.78                                    | 12.65                   | 2.0                             | 12.0                               |
| MKTF-43  | 6/10/2015     | ND                           | 0.85                                    | NA                        | 6873.27                     | 6874.12                                           | 6876.90                               | 2.78                                    | 12.65                   | 2.0                             | 12.0                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MKTF-43  | 8/21/2015     | ND                           | 1.02                                    | NA                        | 6873.10                     | 6874.12                                           | 6876.90                               | 2.78                                    | 12.65                   | 2.0                             | 12.0                               |
| MKTF-43  | 11/5/2015     | ND                           | 2.34                                    | NA                        | 6871.78                     | 6874.12                                           | 6876.90                               | 2.78                                    | 12.65                   | 2.0                             | 12.0                               |
| MKTF-43  | 2/24/2016     | ND                           | 2.22                                    | NA                        | 6871.90                     | 6874.12                                           | 6876.90                               | 2.78                                    | 12.65                   | 2.0                             | 12.0                               |
| MKTF-43  | 6/9/2016      | ND                           | 0.89                                    | NA                        | 6873.23                     | 6874.12                                           | 6876.90                               | 2.78                                    | 12.65                   | 2.0                             | 12.0                               |
| MKTF-43  | 9/9/2016      | ND                           | 1.20                                    | NA                        | 6872.92                     | 6874.12                                           | 6876.90                               | 2.78                                    | 12.65                   | 2.0                             | 12.0                               |
| MKTF-43  | 11/5/2016     | ND                           | 2.34                                    | NA                        | 6871.78                     | 6874.12                                           | 6876.90                               | 2.78                                    | 12.65                   | 2.0                             | 12.0                               |
| MKTF-43  | 3/8/2017      | ND                           | 2.56                                    | NA                        | 6871.56                     | 6874.12                                           | 6876.90                               | 2.78                                    | 12.65                   | 2.0                             | 12.0                               |
| MKTF-43  | 6/6/2017      | ND                           | 0.84                                    | NA                        | 6873.28                     | 6874.12                                           | 6876.90                               | 2.78                                    | 12.65                   | 2.0                             | 12.0                               |
| MKTF-43  | 9/25/2017     | ND                           | 1.36                                    | NA                        | 6872.76                     | 6874.12                                           | 6876.90                               | 2.78                                    | 12.65                   | 2.0                             | 12.0                               |
| MKTF-43  | 11/27/2017    | ND                           | 2.87                                    | NA                        | 6871.25                     | 6874.12                                           | 6876.90                               | 2.78                                    | 12.60                   | 2.0                             | 12.0                               |
| MKTF-43  | 2/7/2018      | ND                           | 3.65                                    | NA                        | 6870.47                     | 6874.12                                           | 6876.90                               | 2.78                                    | 12.60                   | 2.0                             | 12.0                               |
| MKTF-43  | 4/25/2018     | ND                           | 2.27                                    | NA                        | 6871.85                     | 6874.12                                           | 6876.90                               | 2.78                                    | 12.52                   | 2.0                             | 12.0                               |
| MKTF-43  | 8/15/2018     | ND                           | -0.12                                   | NA                        | 6874.24                     | 6874.12                                           | 6876.90                               | 2.78                                    | 12.63                   | 2.0                             | 12.0                               |
| MKTF-43  | 11/14/2018    | ND                           | 2.64                                    | NA                        | 6871.48                     | 6874.12                                           | 6876.90                               | 2.78                                    | 12.60                   | 2.0                             | 12.0                               |
| MKTF-43  | 2/13/2019     | ND                           | 3.21                                    | NA                        | 6870.91                     | 6874.12                                           | 6876.90                               | 2.78                                    | 12.65                   | 2.0                             | 12.0                               |
| MKTF-43  | 5/8/2019      | ND                           | 1.19                                    | NA                        | 6872.93                     | 6874.12                                           | 6876.90                               | 2.78                                    | 12.65                   | 2.0                             | 12.0                               |
| MKTF-43  | 8/22/2019     | ND                           | 0.89                                    | NA                        | 6873.23                     | 6874.12                                           | 6876.90                               | 2.78                                    | 12.63                   | 2.0                             | 12.0                               |
| MKTF-43  | 10/24/2019    | ND                           | 1.56                                    | NA                        | 6872.56                     | 6874.12                                           | 6876.90                               | 2.78                                    | 12.60                   | 2.0                             | 12.0                               |
| MKTF-43  | 2/26/2020     | ND                           | 3.55                                    | NA                        | 6870.57                     | 6874.12                                           | 6876.90                               | 2.78                                    | 12.65                   | 2.0                             | 12.0                               |
| MKTF-43  | 6/30/2020     | ND                           | 2.72                                    | NA                        | 6871.40                     | 6874.12                                           | 6876.90                               | 2.78                                    | 12.65                   | 2.0                             | 12.0                               |
| MKTF-43  | 9/14/2020     | ND                           | 3.67                                    | NA                        | 6870.45                     | 6874.12                                           | 6876.90                               | 2.78                                    | 13.44                   | 2.0                             | 12.0                               |
| MKTF-43  | 11/10/2020    | ND                           | 4.70                                    | NA                        | 6869.42                     | 6874.12                                           | 6876.90                               | 2.78                                    | 13.44                   | 2.0                             | 12.0                               |
| MKTF-43  | 12/4/2020     | ND                           | 5.34                                    | NA                        | 6868.78                     | 6874.12                                           | 6876.90                               | 2.78                                    | 14.14                   | 2.0                             | 12.0                               |
| MKTF-43  | 1/28/2021     | ND                           | 5.91                                    | NA                        | 6868.21                     | 6874.12                                           | 6876.90                               | 2.78                                    | 14.14                   | 2.0                             | 12.0                               |
| MKTF-43  | 2/27/2021     | ND                           | 5.89                                    | NA                        | 6868.23                     | 6874.12                                           | 6876.90                               | 2.78                                    | 14.17                   | 2.0                             | 12.0                               |
| MKTF-43  | 3/31/2021     | ND                           | 5.71                                    | NA                        | 6868.41                     | 6874.12                                           | 6876.90                               | 2.78                                    | 14.17                   | 2.0                             | 12.0                               |
| MKTF-43  | 4/26/2021     | ND                           | 5.88                                    | NA                        | 6868.24                     | 6874.12                                           | 6876.90                               | 2.78                                    | 14.17                   | 2.0                             | 12.0                               |
| MKTF-43  | 5/20/2021     | ND                           | 5.69                                    | NA                        | 6868.43                     | 6874.12                                           | 6876.90                               | 2.78                                    | 14.17                   | 2.0                             | 12.0                               |
| MKTF-43  | 6/1/2021      | ND                           | 5.83                                    | NA                        | 6868.29                     | 6874.12                                           | 6876.90                               | 2.78                                    | 14.17                   | 2.0                             | 12.0                               |
| MKTF-43  | 9/9/2021      | ND                           | 5.17                                    | NA                        | 6868.95                     | 6874.12                                           | 6876.90                               | 2.78                                    | 14.17                   | 2.0                             | 12.0                               |
| MKTF-43  | 11/30/2021    | ND                           | 6.17                                    | NA                        | 6867.95                     | 6874.12                                           | 6876.90                               | 2.78                                    | 14.17                   | 2.0                             | 12.0                               |
| MKTF-43  | 1/10/2022     | ND                           | 6.10                                    | NA                        | 6868.02                     | 6874.12                                           | 6876.90                               | 2.78                                    | 14.17                   | 2.0                             | 12.0                               |
| MKTF-43  | 2/28/2022     | ND                           | 6.09                                    | NA                        | 6868.03                     | 6874.12                                           | 6876.90                               | 2.78                                    | 14.17                   | 2.0                             | 12.0                               |
| MKTF-43  | 3/1/2022      | ND                           | 6.26                                    | NA                        | 6867.86                     | 6874.12                                           | 6876.90                               | 2.78                                    | 14.15                   | 2.0                             | 12.0                               |
| MKTF-43  | 4/27/2022     | ND                           | 5.68                                    | NA                        | 6868.44                     | 6874.12                                           | 6876.90                               | 2.78                                    | 14.15                   | 2.0                             | 12.0                               |
| MKTF-43  | 5/5/2022      | ND                           | 5.73                                    | NA                        | 6868.39                     | 6874.12                                           | 6876.90                               | 2.78                                    | 14.15                   | 2.0                             | 12.0                               |
| MKTF-43  | 6/1/2022      | ND                           | 5.26                                    | NA                        | 6868.86                     | 6874.12                                           | 6876.90                               | 2.78                                    | 14.17                   | 2.0                             | 12.0                               |
| MKTF-43  | 7/6/2022      | ND                           | 5.44                                    | NA                        | 6868.68                     | 6874.12                                           | 6876.90                               | 2.78                                    | 14.19                   | 2.0                             | 12.0                               |
| MKTF-43  | 8/8/2022      | ND                           | 5.57                                    | NA                        | 6868.55                     | 6874.12                                           | 6876.90                               | 2.78                                    | 14.21                   | 2.0                             | 12.0                               |
| MKTF-43  | 9/2/2022      | ND                           | 5.37                                    | NA                        | 6868.75                     | 6874.12                                           | 6876.90                               | 2.78                                    | 14.17                   | 2.0                             | 12.0                               |
| MKTF-43  | 10/3/2022     | ND                           | 5.39                                    | NA                        | 6868.73                     | 6874.12                                           | 6876.90                               | 2.78                                    | 14.17                   | 2.0                             | 12.0                               |
| MKTF-43  | 11/3/2022     | ND                           | 5.43                                    | NA                        | 6868.69                     | 6874.12                                           | 6876.90                               | 2.78                                    | 14.17                   | 2.0                             | 12.0                               |
| MKTF-43  | 12/22/2022    | ND                           | 5.32                                    | NA                        | 6868.80                     | 6874.12                                           | 6876.90                               | 2.78                                    | 14.17                   | 2.0                             | 12.0                               |
| MKTF-44  | 11/18/2014    | ND                           | 46.26                                   | NA                        | 6821.15                     | 6867.41                                           | 6869.95                               | 2.54                                    | 48.61                   | 38.0                            | 48.0                               |
| MKTF-44  | 3/12/2015     | ND                           | 35.90                                   | NA                        | 6831.51                     | 6867.41                                           | 6869.95                               | 2.54                                    | 48.61                   | 38.0                            | 48.0                               |
| MKTF-44  | 6/10/2015     | ND                           | 27.01                                   | NA                        | 6840.40                     | 6867.41                                           | 6869.95                               | 2.54                                    | 48.61                   | 38.0                            | 48.0                               |
| MKTF-44  | 8/17/2015     | ND                           | 28.69                                   | NA                        | 6838.72                     | 6867.41                                           | 6869.95                               | 2.54                                    | 48.61                   | 38.0                            | 48.0                               |
| MKTF-44  | 11/9/2015     | ND                           | 30.78                                   | NA                        | 6836.63                     | 6867.41                                           | 6869.95                               | 2.54                                    | 48.61                   | 38.0                            | 48.0                               |



APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MKTF-44  | 2/24/2016     | ND                           | 26.20                                   | NA                        | 6841.21                     | 6867.41                                           | 6869.95                               | 2.54                                    | 48.61                   | 38.0                            | 48.0                               |
| MKTF-44  | 6/9/2016      | ND                           | 25.29                                   | NA                        | 6842.12                     | 6867.41                                           | 6869.95                               | 2.54                                    | 48.61                   | 38.0                            | 48.0                               |
| MKTF-44  | 9/8/2016      | ND                           | 28.80                                   | NA                        | 6838.61                     | 6867.41                                           | 6869.95                               | 2.54                                    | 48.61                   | 38.0                            | 48.0                               |
| MKTF-44  | 11/9/2016     | ND                           | 30.78                                   | NA                        | 6836.63                     | 6867.41                                           | 6869.95                               | 2.54                                    | 48.61                   | 38.0                            | 48.0                               |
| MKTF-44  | 3/8/2017      | ND                           | 22.85                                   | NA                        | 6844.56                     | 6867.41                                           | 6869.95                               | 2.54                                    | 48.61                   | 38.0                            | 48.0                               |
| MKTF-44  | 6/5/2017      | ND                           | 30.36                                   | NA                        | 6837.05                     | 6867.41                                           | 6869.95                               | 2.54                                    | 48.61                   | 38.0                            | 48.0                               |
| MKTF-44  | 9/25/2017     | ND                           | 27.64                                   | NA                        | 6839.77                     | 6867.41                                           | 6869.95                               | 2.54                                    | 48.61                   | 38.0                            | 48.0                               |
| MKTF-44  | 11/27/2017    | ND                           | 31.16                                   | NA                        | 6836.25                     | 6867.41                                           | 6869.95                               | 2.54                                    | 48.62                   | 38.0                            | 48.0                               |
| MKTF-44  | 2/7/2018      | ND                           | 35.02                                   | NA                        | 6832.39                     | 6867.41                                           | 6869.95                               | 2.54                                    | 48.62                   | 38.0                            | 48.0                               |
| MKTF-44  | 4/25/2018     | ND                           | 34.18                                   | NA                        | 6833.23                     | 6867.41                                           | 6869.95                               | 2.54                                    | 48.54                   | 38.0                            | 48.0                               |
| MKTF-44  | 8/15/2018     | ND                           | 33.16                                   | NA                        | 6834.25                     | 6867.41                                           | 6869.95                               | 2.54                                    | 48.66                   | 38.0                            | 48.0                               |
| MKTF-44  | 11/14/2018    | ND                           | 23.88                                   | NA                        | 6843.53                     | 6867.41                                           | 6869.95                               | 2.54                                    | 48.62                   | 38.0                            | 48.0                               |
| MKTF-44  | 2/13/2019     | ND                           | 30.85                                   | NA                        | 6836.56                     | 6867.41                                           | 6869.95                               | 2.54                                    | 48.61                   | 38.0                            | 48.0                               |
| MKTF-44  | 5/8/2019      | ND                           | 31.66                                   | NA                        | 6835.75                     | 6867.41                                           | 6869.95                               | 2.54                                    | 48.61                   | 38.0                            | 48.0                               |
| MKTF-44  | 8/22/2019     | ND                           | 28.42                                   | NA                        | 6838.99                     | 6867.41                                           | 6869.95                               | 2.54                                    | 48.66                   | 38.0                            | 48.0                               |
| MKTF-44  | 10/24/2019    | ND                           | 36.00                                   | NA                        | 6831.41                     | 6867.41                                           | 6869.95                               | 2.54                                    | 48.62                   | 38.0                            | 48.0                               |
| MKTF-44  | 3/4/2020      | ND                           | 27.80                                   | NA                        | 6839.61                     | 6867.41                                           | 6869.95                               | 2.54                                    | 48.61                   | 38.0                            | 48.0                               |
| MKTF-44  | 6/26/2020     | ND                           | 30.54                                   | NA                        | 6836.87                     | 6867.41                                           | 6869.95                               | 2.54                                    | 48.61                   | 38.0                            | 48.0                               |
| MKTF-44  | 9/14/2020     | ND                           | 25.46                                   | NA                        | 6841.95                     | 6867.41                                           | 6869.95                               | 2.54                                    | 49.41                   | 38.0                            | 48.0                               |
| MKTF-44  | 12/4/2020     | ND                           | 37.05                                   | NA                        | 6830.36                     | 6867.41                                           | 6869.95                               | 2.54                                    | 48.85                   | 38.0                            | 48.0                               |
| MKTF-44  | 2/28/2021     | ND                           | 35.96                                   | NA                        | 6831.45                     | 6867.41                                           | 6869.95                               | 2.54                                    | 48.96                   | 38.0                            | 48.0                               |
| MKTF-44  | 3/31/2021     | ND                           | 42.74                                   | NA                        | 6824.67                     | 6867.41                                           | 6869.95                               | 2.54                                    | 48.96                   | 38.0                            | 48.0                               |
| MKTF-44  | 4/26/2021     | ND                           | 42.79                                   | NA                        | 6824.62                     | 6867.41                                           | 6869.95                               | 2.54                                    | 48.96                   | 38.0                            | 48.0                               |
| MKTF-44  | 5/20/2021     | ND                           | 42.57                                   | NA                        | 6824.84                     | 6867.41                                           | 6869.95                               | 2.54                                    | 48.96                   | 38.0                            | 48.0                               |
| MKTF-44  | 6/1/2021      | ND                           | 41.74                                   | NA                        | 6825.67                     | 6867.41                                           | 6869.95                               | 2.54                                    | 48.96                   | 38.0                            | 48.0                               |
| MKTF-44  | 9/7/2021      | ND                           | 31.71                                   | NA                        | 6835.70                     | 6867.41                                           | 6869.95                               | 2.54                                    | 48.96                   | 38.0                            | 48.0                               |
| MKTF-44  | 12/22/2021    | ND                           | 36.06                                   | NA                        | 6831.35                     | 6867.41                                           | 6869.95                               | 2.54                                    | 48.96                   | 38.0                            | 48.0                               |
| MKTF-44  | 3/1/2022      | ND                           | 38.86                                   | NA                        | 6828.55                     | 6867.41                                           | 6869.95                               | 2.54                                    | 48.71                   | 38.0                            | 48.0                               |
| MKTF-44  | 6/2/2022      | ND                           | 33.24                                   | NA                        | 6834.17                     | 6867.41                                           | 6869.95                               | 2.54                                    | 48.66                   | 38.0                            | 48.0                               |
| MKTF-44  | 7/6/2022      | ND                           | 34.62                                   | NA                        | 6832.79                     | 6867.41                                           | 6869.95                               | 2.54                                    | 48.61                   | 38.0                            | 48.0                               |
| MKTF-44  | 8/8/2022      | ND                           | 33.67                                   | NA                        | 6833.74                     | 6867.41                                           | 6869.95                               | 2.54                                    | 48.56                   | 38.0                            | 48.0                               |
| MKTF-44  | 9/27/2022     | ND                           | 33.86                                   | NA                        | 6833.55                     | 6867.41                                           | 6869.95                               | 2.54                                    | 48.66                   | 38.0                            | 48.0                               |
| MKTF-44  | 10/3/2022     | ND                           | 33.89                                   | NA                        | 6833.52                     | 6867.41                                           | 6869.95                               | 2.54                                    | 48.66                   | 38.0                            | 48.0                               |
| MKTF-44  | 11/3/2022     | ND                           | 33.98                                   | NA                        | 6833.43                     | 6867.41                                           | 6869.95                               | 2.54                                    | 48.66                   | 38.0                            | 48.0                               |
| MKTF-44  | 12/22/2022    | ND                           | 33.98                                   | NA                        | 6833.43                     | 6867.41                                           | 6869.95                               | 2.54                                    | 48.66                   | 38.0                            | 48.0                               |
| MKTF-45  | 2/10/2015     | 12.62                        | 15.56                                   | 2.94                      | 6933.07                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.28                   | --                              | --                                 |
| MKTF-45  | 3/17/2015     | 12.18                        | 13.98                                   | 1.80                      | 6934.65                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.28                   | --                              | --                                 |
| MKTF-45  | 6/8/2015      | 12.24                        | 15.79                                   | 3.55                      | 6932.84                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.28                   | --                              | --                                 |
| MKTF-45  | 8/18/2015     | 12.54                        | 12.65                                   | 0.11                      | 6935.98                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.28                   | --                              | --                                 |
| MKTF-45  | 11/3/2015     | 12.74                        | 13.06                                   | 0.32                      | 6935.57                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.28                   | --                              | --                                 |
| MKTF-45  | 3/17/2016     | 12.18                        | 13.98                                   | 1.80                      | 6934.65                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.28                   | --                              | --                                 |
| MKTF-45  | 6/10/2016     | 11.52                        | 11.84                                   | 0.32                      | 6936.79                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.28                   | --                              | --                                 |
| MKTF-45  | 9/13/2016     | 10.99                        | 11.44                                   | 0.45                      | 6937.19                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.28                   | --                              | --                                 |
| MKTF-45  | 11/3/2016     | 12.74                        | 13.06                                   | 0.32                      | 6935.57                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.28                   | --                              | --                                 |
| MKTF-45  | 3/1/2017      | 9.36                         | 9.67                                    | 0.31                      | 6938.96                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.28                   | --                              | --                                 |
| MKTF-45  | 6/14/2017     | 10.54                        | 11.04                                   | 0.50                      | 6937.59                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.28                   | --                              | --                                 |
| MKTF-45  | 10/3/2017     | 10.52                        | 11.05                                   | 0.53                      | 6937.58                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.28                   | --                              | --                                 |
| MKTF-45  | 11/30/2017    | 11.80                        | 12.27                                   | 0.47                      | 6936.36                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.28                   | --                              | --                                 |



APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MKTF-45  | 2/15/2018     | 12.13                        | 12.28                                   | 0.15                      | 6936.35                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.28                   | --                              | --                                 |
| MKTF-45  | 4/26/2018     | 11.91                        | 12.34                                   | 0.43                      | 6936.29                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.32                   | --                              | --                                 |
| MKTF-45  | 8/16/2018     | 12.19                        | 12.62                                   | 0.43                      | 6936.01                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.37                   | --                              | --                                 |
| MKTF-45  | 11/27/2018    | 12.64                        | 13.19                                   | 0.55                      | 6935.44                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.28                   | --                              | --                                 |
| MKTF-45  | 3/26/2019     | 11.04                        | 11.54                                   | 0.50                      | 6937.09                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.28                   | --                              | --                                 |
| MKTF-45  | 5/14/2019     | 11.47                        | 12.06                                   | 0.59                      | 6936.57                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.28                   | --                              | --                                 |
| MKTF-45  | 8/19/2019     | 13.06                        | 13.52                                   | 0.46                      | 6935.11                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.37                   | --                              | --                                 |
| MKTF-45  | 10/28/2019    | 11.01                        | 12.04                                   | 1.03                      | 6936.59                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.28                   | --                              | --                                 |
| MKTF-45  | 10/29/2019    | 10.42                        | 12.79                                   | 2.37                      | 6935.84                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.28                   | --                              | --                                 |
| MKTF-45  | 11/6/2019     | 8.61                         | 21.56                                   | 12.95                     | 6927.07                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.28                   | --                              | --                                 |
| MKTF-45  | 11/7/2019     | 8.04                         | 21.29                                   | 13.25                     | 6927.34                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.28                   | --                              | --                                 |
| MKTF-45  | 11/11/2019    | 7.79                         | 22.64                                   | 14.85                     | 6925.99                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.28                   | --                              | --                                 |
| MKTF-45  | 11/12/2019    | 8.66                         | 22.96                                   | 14.30                     | 6925.67                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.28                   | --                              | --                                 |
| MKTF-45  | 11/13/2019    | 8.74                         | 24.97                                   | 16.23                     | 6923.66                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.28                   | --                              | --                                 |
| MKTF-45  | 11/14/2019    | 9.10                         | 24.33                                   | 15.23                     | 6924.30                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.28                   | --                              | --                                 |
| MKTF-45  | 11/15/2019    | 9.32                         | 23.61                                   | 14.29                     | 6925.02                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.28                   | --                              | --                                 |
| MKTF-45  | 11/19/2019    | 9.88                         | 21.79                                   | 11.91                     | 6926.84                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.28                   | --                              | --                                 |
| MKTF-45  | 11/21/2019    | 10.04                        | 20.94                                   | 10.90                     | 6927.69                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.28                   | --                              | --                                 |
| MKTF-45  | 12/2/2019     | 11.42                        | 17.99                                   | 6.57                      | 6930.64                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.28                   | --                              | --                                 |
| MKTF-45  | 2/3/2020      | 8.64                         | 17.66                                   | 9.02                      | 6930.97                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.28                   | --                              | --                                 |
| MKTF-45  | 6/30/2020     | 10.12                        | 18.12                                   | 8.00                      | 6930.51                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.28                   | --                              | --                                 |
| MKTF-45  | 9/14/2020     | 12.18                        | 17.47                                   | 5.29                      | 6931.16                     | 6948.63                                           | 6949.59                               | 0.96                                    | 36.49                   | --                              | --                                 |
| MKTF-45  | 11/10/2020    | 11.98                        | 13.80                                   | 1.82                      | 6934.83                     | 6948.63                                           | 6949.59                               | 0.96                                    | 36.49                   | --                              | --                                 |
| MKTF-45  | 12/4/2020     | 11.70                        | 13.55                                   | 1.85                      | 6935.08                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.49                   | --                              | --                                 |
| MKTF-45  | 1/28/2021     | 15.04                        | 15.17                                   | 0.13                      | 6933.46                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.49                   | --                              | --                                 |
| MKTF-45  | 2/27/2021     | 12.59                        | 12.60                                   | 0.01                      | 6936.03                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.54                   | --                              | --                                 |
| MKTF-45  | 3/31/2021     | 14.59                        | 14.61                                   | 0.02                      | 6934.02                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.54                   | --                              | --                                 |
| MKTF-45  | 4/26/2021     | 15.38                        | 15.41                                   | 0.03                      | 6933.22                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.54                   | --                              | --                                 |
| MKTF-45  | 5/20/2021     | 14.54                        | 15.05                                   | 0.51                      | 6933.58                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.54                   | --                              | --                                 |
| MKTF-45  | 6/1/2021      | 15.07                        | 15.09                                   | 0.02                      | 6933.54                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.54                   | --                              | --                                 |
| MKTF-45  | 9/9/2021      | 13.44                        | 13.49                                   | 0.05                      | 6935.14                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.54                   | --                              | --                                 |
| MKTF-45  | 12/9/2021     | 13.35                        | 13.39                                   | 0.04                      | 6935.24                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.54                   | --                              | --                                 |
| MKTF-45  | 1/10/2022     | ND                           | 13.74                                   | NA                        | 6934.89                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.54                   | --                              | --                                 |
| MKTF-45  | 2/28/2022     | ND                           | 13.59                                   | NA                        | 6935.04                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.54                   | --                              | --                                 |
| MKTF-45  | 3/2/2022      | 13.32                        | 13.37                                   | 0.05                      | 6935.26                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.54                   | --                              | --                                 |
| MKTF-45  | 4/27/2022     | 14.12                        | 14.15                                   | 0.03                      | 6934.48                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.54                   | --                              | --                                 |
| MKTF-45  | 5/2/2022      | ND                           | 14.28                                   | NA                        | 6934.35                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.54                   | --                              | --                                 |
| MKTF-45  | 6/1/2022      | 14.53                        | 14.67                                   | 0.14                      | 6933.96                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.54                   | --                              | --                                 |
| MKTF-45  | 7/6/2022      | 14.43                        | 14.61                                   | 0.18                      | 6934.02                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.54                   | --                              | --                                 |
| MKTF-45  | 8/8/2022      | 14.23                        | 14.40                                   | 0.17                      | 6934.23                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.54                   | --                              | --                                 |
| MKTF-45  | 9/2/2022      | 14.48                        | 14.62                                   | 0.14                      | 6934.01                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.54                   | --                              | --                                 |
| MKTF-45  | 10/3/2022     | 14.07                        | 14.09                                   | 0.02                      | 6934.54                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.54                   | --                              | --                                 |
| MKTF-45  | 11/3/2022     | 14.15                        | 14.17                                   | 0.02                      | 6934.46                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.54                   | --                              | --                                 |
| MKTF-45  | 12/9/2022     | 14.05                        | 14.15                                   | 0.10                      | 6934.48                     | 6948.63                                           | 6949.59                               | 0.96                                    | 29.54                   | --                              | --                                 |
| MKTF-46  | 10/29/2019    | ND                           | 7.41                                    | NA                        | NA                          | 6954.73                                           | NA                                    | 2.87                                    | 18.42                   | 3.0                             | 18.0                               |
| MKTF-46  | 11/12/2019    | ND                           | 7.59                                    | NA                        | NA                          | 6954.73                                           | NA                                    | 2.87                                    | 18.42                   | 3.0                             | 18.0                               |
| MKTF-46  | 12/2/2019     | ND                           | 7.83                                    | NA                        | NA                          | 6954.73                                           | NA                                    | 2.87                                    | 18.42                   | 3.0                             | 18.0                               |
| MKTF-46  | 3/5/2020      | ND                           | 8.06                                    | NA                        | 6946.67                     | 6954.73                                           | 6957.60                               | 2.87                                    | 15.13                   | 3.0                             | 18.0                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MKTF-46  | 6/30/2020     | ND                           | 8.21                                    | NA                        | 6946.52                     | 6954.73                                           | 6957.60                               | 2.87                                    | 15.13                   | 3.0                             | 18.0                               |
| MKTF-46  | 9/14/2020     | ND                           | 7.31                                    | NA                        | 6947.42                     | 6954.73                                           | 6957.60                               | 2.87                                    | 22.42                   | 3.0                             | 18.0                               |
| MKTF-46  | 11/10/2020    | ND                           | 7.70                                    | NA                        | 6947.03                     | 6954.73                                           | 6957.60                               | 2.87                                    | 22.42                   | 3.0                             | 18.0                               |
| MKTF-46  | 12/4/2020     | ND                           | 7.90                                    | NA                        | 6946.83                     | 6954.73                                           | 6957.60                               | 2.87                                    | 18.43                   | 3.0                             | 18.0                               |
| MKTF-46  | 1/28/2021     | ND                           | 8.45                                    | NA                        | 6946.28                     | 6954.73                                           | 6957.60                               | 2.87                                    | 18.43                   | 3.0                             | 18.0                               |
| MKTF-46  | 2/27/2021     | ND                           | 7.95                                    | NA                        | 6946.78                     | 6954.73                                           | 6957.60                               | 2.87                                    | 18.43                   | 3.0                             | 18.0                               |
| MKTF-46  | 3/31/2021     | ND                           | 8.03                                    | NA                        | 6946.70                     | 6954.73                                           | 6957.60                               | 2.87                                    | 18.43                   | 3.0                             | 18.0                               |
| MKTF-46  | 4/26/2021     | ND                           | 8.26                                    | NA                        | 6946.47                     | 6954.73                                           | 6957.60                               | 2.87                                    | 18.43                   | 3.0                             | 18.0                               |
| MKTF-46  | 5/20/2021     | ND                           | 8.16                                    | NA                        | 6946.57                     | 6954.73                                           | 6957.60                               | 2.87                                    | 18.43                   | 3.0                             | 18.0                               |
| MKTF-46  | 6/1/2021      | ND                           | 8.22                                    | NA                        | 6946.51                     | 6954.73                                           | 6957.60                               | 2.87                                    | 18.43                   | 3.0                             | 18.0                               |
| MKTF-46  | 9/9/2021      | ND                           | 9.29                                    | NA                        | 6945.44                     | 6954.73                                           | 6957.60                               | 2.87                                    | 18.43                   | 3.0                             | 18.0                               |
| MKTF-46  | 11/30/2021    | ND                           | 9.89                                    | NA                        | 6944.84                     | 6954.73                                           | 6957.60                               | 2.87                                    | 18.43                   | 3.0                             | 18.0                               |
| MKTF-46  | 1/10/2022     | ND                           | 10.29                                   | NA                        | 6944.44                     | 6954.73                                           | 6957.60                               | 2.87                                    | 18.43                   | 3.0                             | 18.0                               |
| MKTF-46  | 2/28/2022     | ND                           | 10.26                                   | NA                        | 6944.47                     | 6954.73                                           | 6957.60                               | 2.87                                    | 18.43                   | 3.0                             | 18.0                               |
| MKTF-46  | 3/1/2022      | ND                           | 9.93                                    | NA                        | 6944.80                     | 6954.73                                           | 6957.60                               | 2.87                                    | 18.43                   | 3.0                             | 18.0                               |
| MKTF-46  | 4/27/2022     | ND                           | 10.72                                   | NA                        | 6944.01                     | 6954.73                                           | 6957.60                               | 2.87                                    | 18.43                   | 3.0                             | 18.0                               |
| MKTF-46  | 5/5/2022      | ND                           | 10.74                                   | NA                        | 6943.99                     | 6954.73                                           | 6957.60                               | 2.87                                    | 18.43                   | 3.0                             | 18.0                               |
| MKTF-46  | 6/1/2022      | ND                           | 11.14                                   | NA                        | 6943.59                     | 6954.73                                           | 6957.60                               | 2.87                                    | 18.41                   | 3.0                             | 18.0                               |
| MKTF-46  | 7/6/2022      | ND                           | 10.89                                   | NA                        | 6943.84                     | 6954.73                                           | 6957.60                               | 2.87                                    | 18.39                   | 3.0                             | 18.0                               |
| MKTF-46  | 8/8/2022      | ND                           | 11.01                                   | NA                        | 6943.72                     | 6954.73                                           | 6957.60                               | 2.87                                    | 18.37                   | 3.0                             | 18.0                               |
| MKTF-46  | 9/2/2022      | ND                           | 10.14                                   | NA                        | 6944.59                     | 6954.73                                           | 6957.60                               | 2.87                                    | 18.43                   | 3.0                             | 18.0                               |
| MKTF-46  | 10/3/2022     | ND                           | 10.22                                   | NA                        | 6944.51                     | 6954.73                                           | 6957.60                               | 2.87                                    | 18.43                   | 3.0                             | 18.0                               |
| MKTF-46  | 11/3/2022     | ND                           | 10.25                                   | NA                        | 6944.48                     | 6954.73                                           | 6957.60                               | 2.87                                    | 18.43                   | 3.0                             | 18.0                               |
| MKTF-46  | 12/6/2022     | ND                           | 9.33                                    | NA                        | 6945.40                     | 6954.73                                           | 6957.60                               | 2.87                                    | 18.93                   | 3.0                             | 18.0                               |
| MKTF-47  | 12/2/2019     | ND                           | 10.20                                   | NA                        | NA                          | 6959.51                                           | NA                                    | -0.42                                   | 14.72                   | 4.0                             | 14.0                               |
| MKTF-47  | 3/5/2020      | ND                           | 10.31                                   | NA                        | 6949.20                     | 6959.51                                           | 6959.09                               | -0.42                                   | 14.42                   | 4.0                             | 14.0                               |
| MKTF-47  | 6/29/2020     | ND                           | 9.92                                    | NA                        | 6949.59                     | 6959.51                                           | 6959.09                               | -0.42                                   | 14.42                   | 4.0                             | 14.0                               |
| MKTF-47  | 9/15/2020     | 8.95                         | 8.96                                    | 0.01                      | 6950.55                     | 6959.51                                           | 6959.09                               | -0.42                                   | 14.73                   | 4.0                             | 14.0                               |
| MKTF-47  | 11/10/2020    | ND                           | 9.75                                    | NA                        | 6949.76                     | 6959.51                                           | 6959.09                               | -0.42                                   | 14.73                   | 4.0                             | 14.0                               |
| MKTF-47  | 12/4/2020     | 10.00                        | 10.01                                   | 0.01                      | 6949.50                     | 6959.51                                           | 6959.09                               | -0.42                                   | 14.73                   | 4.0                             | 14.0                               |
| MKTF-47  | 1/28/2021     | ND                           | 9.76                                    | NA                        | 6949.75                     | 6959.51                                           | 6959.09                               | -0.42                                   | 14.73                   | 4.0                             | 14.0                               |
| MKTF-47  | 2/28/2021     | ND                           | 9.57                                    | NA                        | 6949.94                     | 6959.51                                           | 6959.09                               | -0.42                                   | 14.72                   | 4.0                             | 14.0                               |
| MKTF-47  | 3/31/2021     | ND                           | Dry                                     | NA                        | Dry                         | 6959.51                                           | 6959.09                               | -0.42                                   | 14.72                   | 4.0                             | 14.0                               |
| MKTF-47  | 4/26/2021     | ND                           | Dry                                     | NA                        | Dry                         | 6959.51                                           | 6959.09                               | -0.42                                   | 14.72                   | 4.0                             | 14.0                               |
| MKTF-47  | 5/20/2021     | ND                           | Dry                                     | NA                        | Dry                         | 6959.51                                           | 6959.09                               | -0.42                                   | 14.72                   | 4.0                             | 14.0                               |
| MKTF-47  | 6/1/2021      | ND                           | Dry                                     | NA                        | Dry                         | 6959.51                                           | 6959.09                               | -0.42                                   | 14.72                   | 4.0                             | 14.0                               |
| MKTF-47  | 9/9/2021      | ND                           | Dry                                     | NA                        | Dry                         | 6959.51                                           | 6959.09                               | -0.42                                   | 14.72                   | 4.0                             | 14.0                               |
| MKTF-47  | 12/3/2021     | 11.39                        | 11.43                                   | 0.04                      | 6948.08                     | 6959.51                                           | 6959.09                               | -0.42                                   | 14.72                   | 4.0                             | 14.0                               |
| MKTF-47  | 1/10/2022     | 11.37                        | 11.42                                   | 0.05                      | 6948.09                     | 6959.51                                           | 6959.09                               | -0.42                                   | 14.72                   | 4.0                             | 14.0                               |
| MKTF-47  | 2/28/2022     | 11.42                        | 11.47                                   | 0.05                      | 6948.04                     | 6959.51                                           | 6959.09                               | -0.42                                   | 14.72                   | 4.0                             | 14.0                               |
| MKTF-47  | 3/2/2022      | 11.42                        | 11.47                                   | 0.05                      | 6948.04                     | 6959.51                                           | 6959.09                               | -0.42                                   | 14.74                   | 4.0                             | 14.0                               |
| MKTF-47  | 4/27/2022     | 11.66                        | 11.70                                   | 0.04                      | 6947.81                     | 6959.51                                           | 6959.09                               | -0.42                                   | 14.72                   | 4.0                             | 14.0                               |
| MKTF-47  | 5/5/2022      | 11.64                        | 11.66                                   | 0.02                      | 6947.85                     | 6959.51                                           | 6959.09                               | -0.42                                   | 14.72                   | 4.0                             | 14.0                               |
| MKTF-47  | 6/2/2022      | 11.37                        | 11.43                                   | 0.06                      | 6948.08                     | 6959.51                                           | 6959.09                               | -0.42                                   | 14.77                   | 4.0                             | 14.0                               |
| MKTF-47  | 7/6/2022      | 11.10                        | 11.17                                   | 0.07                      | 6948.34                     | 6959.51                                           | 6959.09                               | -0.42                                   | 14.82                   | 4.0                             | 14.0                               |
| MKTF-47  | 8/8/2022      | 11.12                        | 11.19                                   | 0.07                      | 6948.32                     | 6959.51                                           | 6959.09                               | -0.42                                   | 14.87                   | 4.0                             | 14.0                               |
| MKTF-47  | 9/5/2022      | 11.57                        | 11.67                                   | 0.10                      | 6947.84                     | 6959.51                                           | 6959.09                               | -0.42                                   | 14.87                   | 4.0                             | 14.0                               |
| MKTF-47  | 10/3/2022     | 11.60                        | 11.71                                   | 0.11                      | 6947.80                     | 6959.51                                           | 6959.09                               | -0.42                                   | 14.87                   | 4.0                             | 14.0                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MKTF-47  | 11/3/2022     | 11.62                        | 11.71                                   | 0.09                      | 6947.80                     | 6959.51                                           | 6959.09                               | -0.42                                   | 14.87                   | 4.0                             | 14.0                               |
| MKTF-47  | 12/6/2022     | 11.58                        | 11.67                                   | 0.09                      | 6947.84                     | 6959.51                                           | 6959.09                               | -0.42                                   | 14.87                   | 4.0                             | 14.0                               |
| MKTF-48  | 12/2/2019     | ND                           | 9.36                                    | NA                        | NA                          | 6959.24                                           | NA                                    | 2.49                                    | 18.43                   | 2.0                             | 17.0                               |
| MKTF-48  | 3/3/2020      | 10.17                        | 10.33                                   | 0.16                      | 6948.91                     | 6959.24                                           | 6961.73                               | 2.49                                    | 15.51                   | 2.0                             | 17.0                               |
| MKTF-48  | 6/29/2020     | ND                           | 9.09                                    | NA                        | 6950.15                     | 6959.24                                           | 6961.73                               | 2.49                                    | 15.51                   | 2.0                             | 17.0                               |
| MKTF-48  | 9/15/2020     | 9.36                         | 9.37                                    | 0.01                      | 6949.87                     | 6959.24                                           | 6961.73                               | 2.49                                    | 17.42                   | 2.0                             | 17.0                               |
| MKTF-48  | 11/10/2020    | 9.91                         | 10.02                                   | 0.11                      | 6949.22                     | 6959.24                                           | 6961.73                               | 2.49                                    | 17.42                   | 2.0                             | 17.0                               |
| MKTF-48  | 12/4/2020     | 10.28                        | 10.61                                   | 0.33                      | 6948.63                     | 6959.24                                           | 6961.73                               | 2.49                                    | 18.45                   | 2.0                             | 17.0                               |
| MKTF-48  | 1/28/2021     | 9.70                         | 9.71                                    | 0.01                      | 6949.53                     | 6959.24                                           | 6961.73                               | 2.49                                    | 19.48                   | 2.0                             | 17.0                               |
| MKTF-48  | 2/27/2021     | 9.70                         | 9.76                                    | 0.06                      | 6949.48                     | 6959.24                                           | 6961.73                               | 2.49                                    | 18.46                   | 2.0                             | 17.0                               |
| MKTF-48  | 3/31/2021     | 9.92                         | 10.16                                   | 0.24                      | 6949.08                     | 6959.24                                           | 6961.73                               | 2.49                                    | 18.46                   | 2.0                             | 17.0                               |
| MKTF-48  | 4/26/2021     | 11.22                        | 11.46                                   | 0.24                      | 6947.78                     | 6959.24                                           | 6961.73                               | 2.49                                    | 18.46                   | 2.0                             | 17.0                               |
| MKTF-48  | 5/20/2021     | 9.89                         | 10.03                                   | 0.14                      | 6949.21                     | 6959.24                                           | 6961.73                               | 2.49                                    | 18.46                   | 2.0                             | 17.0                               |
| MKTF-48  | 6/1/2021      | 10.15                        | 10.39                                   | 0.24                      | 6948.85                     | 6959.24                                           | 6961.73                               | 2.49                                    | 18.46                   | 2.0                             | 17.0                               |
| MKTF-48  | 9/9/2021      | 10.83                        | 11.05                                   | 0.22                      | 6948.19                     | 6959.24                                           | 6961.73                               | 2.49                                    | 18.46                   | 2.0                             | 17.0                               |
| MKTF-48  | 12/3/2021     | 11.85                        | 12.39                                   | 0.54                      | 6946.85                     | 6959.24                                           | 6961.73                               | 2.49                                    | 18.46                   | 2.0                             | 17.0                               |
| MKTF-48  | 1/10/2022     | 12.07                        | 12.36                                   | 0.29                      | 6946.88                     | 6959.24                                           | 6961.73                               | 2.49                                    | 18.46                   | 2.0                             | 17.0                               |
| MKTF-48  | 2/28/2022     | 12.12                        | 12.32                                   | 0.20                      | 6946.92                     | 6959.24                                           | 6961.73                               | 2.49                                    | 18.46                   | 2.0                             | 17.0                               |
| MKTF-48  | 3/2/2022      | 7.89                         | 9.34                                    | 1.45                      | 6949.90                     | 6959.24                                           | 6961.73                               | 2.49                                    | 18.51                   | 2.0                             | 17.0                               |
| MKTF-48  | 4/27/2022     | 7.89                         | 9.34                                    | 1.45                      | 6949.90                     | 6959.24                                           | 6961.73                               | 2.49                                    | 18.51                   | 2.0                             | 17.0                               |
| MKTF-48  | 5/5/2022      | 7.89                         | 9.35                                    | 1.46                      | 6949.89                     | 6959.24                                           | 6961.73                               | 2.49                                    | 18.51                   | 2.0                             | 17.0                               |
| MKTF-48  | 6/2/2022      | 7.86                         | 9.31                                    | 1.45                      | 6949.93                     | 6959.24                                           | 6961.73                               | 2.49                                    | 18.56                   | 2.0                             | 17.0                               |
| MKTF-48  | 7/6/2022      | 8.62                         | 10.20                                   | 1.58                      | 6949.04                     | 6959.24                                           | 6961.73                               | 2.49                                    | 18.51                   | 2.0                             | 17.0                               |
| MKTF-48  | 8/8/2022      | 8.71                         | 10.23                                   | 1.52                      | 6949.01                     | 6959.24                                           | 6961.73                               | 2.49                                    | 18.51                   | 2.0                             | 17.0                               |
| MKTF-48  | 9/5/2022      | 8.02                         | 9.44                                    | 1.42                      | 6949.80                     | 6959.24                                           | 6961.73                               | 2.49                                    | 18.51                   | 2.0                             | 17.0                               |
| MKTF-48  | 10/3/2022     | 11.13                        | 11.19                                   | 0.06                      | 6948.05                     | 6959.24                                           | 6961.73                               | 2.49                                    | 18.51                   | 2.0                             | 17.0                               |
| MKTF-48  | 11/3/2022     | 11.19                        | 11.25                                   | 0.06                      | 6947.99                     | 6959.24                                           | 6961.73                               | 2.49                                    | 18.51                   | 2.0                             | 17.0                               |
| MKTF-48  | 12/6/2022     | 11.51                        | 11.55                                   | 0.04                      | 6947.69                     | 6959.24                                           | 6961.73                               | 2.49                                    | 18.51                   | 2.0                             | 17.0                               |
| MKTF-49  | 12/3/2019     | ND                           | 17.14                                   | NA                        | NA                          | 6944.00                                           | NA                                    | 2.76                                    | 22.14                   | 5.0                             | 25.0                               |
| MKTF-49  | 3/4/2020      | ND                           | 17.51                                   | NA                        | 6926.49                     | 6944.00                                           | 6946.76                               | 2.76                                    | 25.24                   | 5.0                             | 25.0                               |
| MKTF-49  | 6/30/2020     | ND                           | 17.89                                   | NA                        | 6926.11                     | 6944.00                                           | 6946.76                               | 2.76                                    | 25.24                   | 5.0                             | 25.0                               |
| MKTF-49  | 9/15/2020     | ND                           | 17.57                                   | NA                        | 6926.43                     | 6944.00                                           | 6946.76                               | 2.76                                    | 22.20                   | 5.0                             | 25.0                               |
| MKTF-49  | 11/10/2020    | ND                           | 17.99                                   | NA                        | 6926.01                     | 6944.00                                           | 6946.76                               | 2.76                                    | 22.20                   | 5.0                             | 25.0                               |
| MKTF-49  | 12/4/2020     | ND                           | 18.05                                   | NA                        | 6925.95                     | 6944.00                                           | 6946.76                               | 2.76                                    | 22.21                   | 5.0                             | 25.0                               |
| MKTF-49  | 1/28/2021     | ND                           | 18.29                                   | NA                        | 6925.71                     | 6944.00                                           | 6946.76                               | 2.76                                    | 22.22                   | 5.0                             | 25.0                               |
| MKTF-49  | 2/28/2021     | ND                           | 18.29                                   | NA                        | 6925.71                     | 6944.00                                           | 6946.76                               | 2.76                                    | 22.26                   | 5.0                             | 25.0                               |
| MKTF-49  | 3/31/2021     | ND                           | 18.39                                   | NA                        | 6925.61                     | 6944.00                                           | 6946.76                               | 2.76                                    | 22.26                   | 5.0                             | 25.0                               |
| MKTF-49  | 4/26/2021     | ND                           | 17.35                                   | NA                        | 6926.65                     | 6944.00                                           | 6946.76                               | 2.76                                    | 22.26                   | 5.0                             | 25.0                               |
| MKTF-49  | 5/20/2021     | ND                           | 18.45                                   | NA                        | 6925.55                     | 6944.00                                           | 6946.76                               | 2.76                                    | 22.26                   | 5.0                             | 25.0                               |
| MKTF-49  | 6/1/2021      | ND                           | 18.16                                   | NA                        | 6925.84                     | 6944.00                                           | 6946.76                               | 2.76                                    | 22.26                   | 5.0                             | 25.0                               |
| MKTF-49  | 6/16/2021     | 18.54                        | 19.29                                   | 0.75                      | 6924.71                     | 6944.00                                           | 6946.76                               | 2.76                                    | 22.26                   | 5.0                             | 25.0                               |
| MKTF-49  | 9/9/2021      | 18.01                        | 19.07                                   | 1.06                      | 6924.93                     | 6944.00                                           | 6946.76                               | 2.76                                    | 22.26                   | 5.0                             | 25.0                               |
| MKTF-49  | 12/3/2021     | 17.74                        | 18.03                                   | 0.29                      | 6925.97                     | 6944.00                                           | 6946.76                               | 2.76                                    | 22.26                   | 5.0                             | 25.0                               |
| MKTF-49  | 1/10/2022     | 18.34                        | 18.82                                   | 0.48                      | 6925.18                     | 6944.00                                           | 6946.76                               | 2.76                                    | 22.26                   | 5.0                             | 25.0                               |
| MKTF-49  | 2/28/2022     | 18.24                        | 18.90                                   | 0.66                      | 6925.10                     | 6944.00                                           | 6946.76                               | 2.76                                    | 22.26                   | 5.0                             | 25.0                               |
| MKTF-49  | 3/2/2022      | 17.70                        | 17.88                                   | 0.18                      | 6926.12                     | 6944.00                                           | 6946.76                               | 2.76                                    | 22.24                   | 5.0                             | 25.0                               |
| MKTF-49  | 4/27/2022     | 18.79                        | 19.05                                   | 0.26                      | 6924.95                     | 6944.00                                           | 6946.76                               | 2.76                                    | 22.24                   | 5.0                             | 25.0                               |
| MKTF-49  | 5/4/2022      | 18.46                        | 20.46                                   | 2.00                      | 6923.54                     | 6944.00                                           | 6946.76                               | 2.76                                    | 22.24                   | 5.0                             | 25.0                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MKTF-49  | 6/2/2022      | 18.69                        | 19.89                                   | 1.20                      | 6924.11                     | 6944.00                                           | 6946.76                               | 2.76                                    | 22.24                   | 5.0                             | 25.0                               |
| MKTF-49  | 7/6/2022      | 18.69                        | 20.72                                   | 2.03                      | 6923.28                     | 6944.00                                           | 6946.76                               | 2.76                                    | 22.24                   | 5.0                             | 25.0                               |
| MKTF-49  | 8/8/2022      | 18.53                        | 20.10                                   | 1.57                      | 6923.90                     | 6944.00                                           | 6946.76                               | 2.76                                    | 22.24                   | 5.0                             | 25.0                               |
| MKTF-49  | 9/5/2022      | 18.44                        | 20.18                                   | 1.74                      | 6923.82                     | 6944.00                                           | 6946.76                               | 2.76                                    | 22.24                   | 5.0                             | 25.0                               |
| MKTF-49  | 10/3/2022     | 18.62                        | 19.22                                   | 0.60                      | 6924.78                     | 6944.00                                           | 6946.76                               | 2.76                                    | 22.24                   | 5.0                             | 25.0                               |
| MKTF-49  | 11/3/2022     | 18.64                        | 19.28                                   | 0.64                      | 6924.72                     | 6944.00                                           | 6946.76                               | 2.76                                    | 22.24                   | 5.0                             | 25.0                               |
| MKTF-49  | 12/6/2022     | 18.58                        | 19.72                                   | 1.14                      | 6924.28                     | 6944.00                                           | 6946.76                               | 2.76                                    | 22.24                   | 5.0                             | 25.0                               |
| MKTF-50  | 12/3/2019     | ND                           | 12.47                                   | NA                        | NA                          | 6939.68                                           | NA                                    | 3.14                                    | 18.51                   | 3.0                             | 18.0                               |
| MKTF-50  | 3/4/2020      | ND                           | 12.73                                   | NA                        | 6926.95                     | 6939.68                                           | 6942.82                               | 3.14                                    | 22.86                   | 3.0                             | 18.0                               |
| MKTF-50  | 6/30/2020     | ND                           | 12.86                                   | NA                        | 6926.82                     | 6939.68                                           | 6942.82                               | 3.14                                    | 22.86                   | 3.0                             | 18.0                               |
| MKTF-50  | 9/15/2020     | 12.22                        | 12.23                                   | 0.01                      | 6927.45                     | 6939.68                                           | 6942.82                               | 3.14                                    | 19.50                   | 3.0                             | 18.0                               |
| MKTF-50  | 11/10/2020    | ND                           | 12.89                                   | NA                        | 6926.79                     | 6939.68                                           | 6942.82                               | 3.14                                    | 19.50                   | 3.0                             | 18.0                               |
| MKTF-50  | 12/4/2020     | ND                           | 13.03                                   | NA                        | 6926.65                     | 6939.68                                           | 6942.82                               | 3.14                                    | 18.49                   | 3.0                             | 18.0                               |
| MKTF-50  | 1/28/2021     | ND                           | 13.29                                   | NA                        | 6926.39                     | 6939.68                                           | 6942.82                               | 3.14                                    | 17.48                   | 3.0                             | 18.0                               |
| MKTF-50  | 2/28/2021     | ND                           | 13.24                                   | NA                        | 6926.44                     | 6939.68                                           | 6942.82                               | 3.14                                    | 18.56                   | 3.0                             | 18.0                               |
| MKTF-50  | 3/31/2021     | ND                           | 13.34                                   | NA                        | 6926.34                     | 6939.68                                           | 6942.82                               | 3.14                                    | 18.56                   | 3.0                             | 18.0                               |
| MKTF-50  | 4/26/2021     | ND                           | 13.05                                   | NA                        | 6926.63                     | 6939.68                                           | 6942.82                               | 3.14                                    | 18.56                   | 3.0                             | 18.0                               |
| MKTF-50  | 5/20/2021     | ND                           | 13.33                                   | NA                        | 6926.35                     | 6939.68                                           | 6942.82                               | 3.14                                    | 18.56                   | 3.0                             | 18.0                               |
| MKTF-50  | 6/1/2021      | ND                           | 13.52                                   | NA                        | 6926.16                     | 6939.68                                           | 6942.82                               | 3.14                                    | 18.56                   | 3.0                             | 18.0                               |
| MKTF-50  | 6/16/2021     | 13.42                        | 13.62                                   | 0.20                      | 6926.06                     | 6939.68                                           | 6942.82                               | 3.14                                    | 18.56                   | 3.0                             | 18.0                               |
| MKTF-50  | 9/9/2021      | 12.26                        | 12.54                                   | 0.28                      | 6927.14                     | 6939.68                                           | 6942.82                               | 3.14                                    | 18.56                   | 3.0                             | 18.0                               |
| MKTF-50  | 12/9/2021     | 12.30                        | 12.56                                   | 0.26                      | 6927.12                     | 6939.68                                           | 6942.82                               | 3.14                                    | 18.56                   | 3.0                             | 18.0                               |
| MKTF-50  | 1/10/2022     | 12.36                        | 12.54                                   | 0.18                      | 6927.14                     | 6939.68                                           | 6942.82                               | 3.14                                    | 18.56                   | 3.0                             | 18.0                               |
| MKTF-50  | 2/28/2022     | 12.41                        | 12.57                                   | 0.16                      | 6927.11                     | 6939.68                                           | 6942.82                               | 3.14                                    | 18.56                   | 3.0                             | 18.0                               |
| MKTF-50  | 3/2/2022      | 12.27                        | 12.57                                   | 0.30                      | 6927.11                     | 6939.68                                           | 6942.82                               | 3.14                                    | 18.57                   | 3.0                             | 18.0                               |
| MKTF-50  | 4/27/2022     | 12.66                        | 12.89                                   | 0.23                      | 6926.79                     | 6939.68                                           | 6942.82                               | 3.14                                    | 18.57                   | 3.0                             | 18.0                               |
| MKTF-50  | 5/5/2022      | 12.68                        | 12.88                                   | 0.20                      | 6926.80                     | 6939.68                                           | 6942.82                               | 3.14                                    | 18.57                   | 3.0                             | 18.0                               |
| MKTF-50  | 6/2/2022      | 12.87                        | 13.18                                   | 0.31                      | 6926.50                     | 6939.68                                           | 6942.82                               | 3.14                                    | 18.61                   | 3.0                             | 18.0                               |
| MKTF-50  | 7/6/2022      | 12.66                        | 12.89                                   | 0.23                      | 6926.79                     | 6939.68                                           | 6942.82                               | 3.14                                    | 18.57                   | 3.0                             | 18.0                               |
| MKTF-50  | 8/8/2022      | 12.82                        | 13.12                                   | 0.30                      | 6926.56                     | 6939.68                                           | 6942.82                               | 3.14                                    | 18.57                   | 3.0                             | 18.0                               |
| MKTF-50  | 9/5/2022      | 12.76                        | 13.05                                   | 0.29                      | 6926.63                     | 6939.68                                           | 6942.82                               | 3.14                                    | 18.57                   | 3.0                             | 18.0                               |
| MKTF-50  | 10/3/2022     | 12.68                        | 12.96                                   | 0.28                      | 6926.72                     | 6939.68                                           | 6942.82                               | 3.14                                    | 18.57                   | 3.0                             | 18.0                               |
| MKTF-50  | 11/3/2022     | 12.76                        | 13.01                                   | 0.25                      | 6926.67                     | 6939.68                                           | 6942.82                               | 3.14                                    | 18.57                   | 3.0                             | 18.0                               |
| MKTF-50  | 12/6/2022     | NA                           | 12.89                                   | NA                        | 6926.79                     | 6939.68                                           | 6942.82                               | 3.14                                    | 60.16                   | 3.0                             | 18.0                               |
| NAPIS-1  | 3/10/2014     | ND                           | 6.54                                    | NA                        | 6907.08                     | 6913.62                                           | 6913.86                               | 0.24                                    | 13.29                   | 3.7                             | 13.7                               |
| NAPIS-1  | 6/5/2014      | ND                           | 6.62                                    | NA                        | 6907.00                     | 6913.62                                           | 6913.86                               | 0.24                                    | 13.29                   | 3.7                             | 13.7                               |
| NAPIS-1  | 9/11/2014     | ND                           | 6.61                                    | NA                        | 6907.01                     | 6913.62                                           | 6913.86                               | 0.24                                    | 13.29                   | 3.7                             | 13.7                               |
| NAPIS-1  | 11/11/2014    | ND                           | 6.72                                    | NA                        | 6906.90                     | 6913.62                                           | 6913.86                               | 0.24                                    | 13.29                   | 3.7                             | 13.7                               |
| NAPIS-1  | 3/10/2015     | ND                           | 6.66                                    | NA                        | 6906.96                     | 6913.62                                           | 6913.86                               | 0.24                                    | 13.29                   | 3.7                             | 13.7                               |
| NAPIS-1  | 6/2/2015      | ND                           | 6.76                                    | NA                        | 6906.86                     | 6913.62                                           | 6913.86                               | 0.24                                    | 13.29                   | 3.7                             | 13.7                               |
| NAPIS-1  | 8/10/2015     | ND                           | 6.76                                    | NA                        | 6906.86                     | 6913.62                                           | 6913.86                               | 0.24                                    | 13.29                   | 3.7                             | 13.7                               |
| NAPIS-1  | 10/28/2015    | ND                           | 6.96                                    | NA                        | 6906.66                     | 6913.62                                           | 6913.86                               | 0.24                                    | 13.29                   | 3.7                             | 13.7                               |
| NAPIS-1  | 3/1/2016      | ND                           | 6.41                                    | NA                        | 6907.21                     | 6913.62                                           | 6913.86                               | 0.24                                    | 13.29                   | 3.7                             | 13.7                               |
| NAPIS-1  | 6/7/2016      | ND                           | 6.40                                    | NA                        | 6907.22                     | 6913.62                                           | 6913.86                               | 0.24                                    | 13.29                   | 3.7                             | 13.7                               |
| NAPIS-1  | 9/1/2016      | ND                           | 6.75                                    | NA                        | 6906.87                     | 6913.62                                           | 6913.86                               | 0.24                                    | 13.29                   | 3.7                             | 13.7                               |
| NAPIS-1  | 11/14/2016    | ND                           | 6.58                                    | NA                        | 6907.04                     | 6913.62                                           | 6913.86                               | 0.24                                    | 13.29                   | 3.7                             | 13.7                               |
| NAPIS-1  | 2/21/2017     | ND                           | 6.46                                    | NA                        | 6907.16                     | 6913.62                                           | 6913.86                               | 0.24                                    | 13.29                   | 3.7                             | 13.7                               |
| NAPIS-1  | 6/2/2017      | ND                           | 6.61                                    | NA                        | 6907.01                     | 6913.62                                           | 6913.86                               | 0.24                                    | 13.29                   | 3.7                             | 13.7                               |



APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| NAPIS-1  | 9/5/2017      | 6.08                         | 6.94                                    | 0.86                      | 6906.68                     | 6913.62                                           | 6913.86                               | 0.24                                    | 13.29                   | 3.7                             | 13.7                               |
| NAPIS-1  | 12/4/2017     | 5.96                         | 6.61                                    | 0.65                      | 6907.01                     | 6913.62                                           | 6913.86                               | 0.24                                    | 13.51                   | 3.7                             | 13.7                               |
| NAPIS-1  | 2/12/2018     | 5.91                         | 7.86                                    | 1.95                      | 6905.76                     | 6913.62                                           | 6913.86                               | 0.24                                    | 13.29                   | 3.7                             | 13.7                               |
| NAPIS-1  | 4/25/2018     | 6.34                         | 7.58                                    | 1.24                      | 6906.04                     | 6913.62                                           | 6913.86                               | 0.24                                    | 13.52                   | 3.7                             | 13.7                               |
| NAPIS-1  | 8/15/2018     | NA                           | NA                                      | NA                        | NA                          | 6913.62                                           | 6913.86                               | 0.24                                    | 13.52                   | 3.7                             | 13.7                               |
| NAPIS-1  | 11/8/2018     | NA                           | NA                                      | NA                        | NA                          | 6913.62                                           | 6913.86                               | 0.24                                    | 13.52                   | 3.7                             | 13.7                               |
| NAPIS-1  | 3/28/2019     | NA                           | NA                                      | NA                        | NA                          | 6913.62                                           | 6913.86                               | 0.24                                    | 13.52                   | 3.7                             | 13.7                               |
| NAPIS-1  | 5/28/2019     | 7.48                         | 7.64                                    | 0.16                      | 6905.98                     | 6913.62                                           | 6913.86                               | 0.24                                    | 13.29                   | 3.7                             | 13.7                               |
| NAPIS-1  | 8/22/2019     | 7.21                         | 7.29                                    | 0.08                      | 6906.33                     | 6913.62                                           | 6913.86                               | 0.24                                    | 13.29                   | 3.7                             | 13.7                               |
| NAPIS-1  | 10/21/2019    | 7.42                         | 7.62                                    | 0.20                      | 6906.00                     | 6913.62                                           | 6913.86                               | 0.24                                    | 13.29                   | 3.7                             | 13.7                               |
| NAPIS-1  | 3/4/2020      | 7.45                         | 7.50                                    | 0.05                      | 6906.12                     | 6913.62                                           | 6913.86                               | 0.24                                    | 13.29                   | 3.7                             | 13.7                               |
| NAPIS-1  | 7/1/2020      | 7.14                         | 7.18                                    | 0.04                      | 6906.44                     | 6913.62                                           | 6913.86                               | 0.24                                    | 13.29                   | 3.7                             | 13.7                               |
| NAPIS-1  | 9/15/2020     | 6.46                         | 6.47                                    | 0.01                      | 6907.15                     | 6913.62                                           | 6913.86                               | 0.24                                    | 13.34                   | 3.7                             | 13.7                               |
| NAPIS-1  | 11/10/2020    | 6.95                         | 6.96                                    | 0.01                      | 6906.66                     | 6913.62                                           | 6913.86                               | 0.24                                    | 13.34                   | 3.7                             | 13.7                               |
| NAPIS-1  | 12/7/2020     | ND                           | 7.20                                    | NA                        | 6906.42                     | 6913.62                                           | 6913.86                               | 0.24                                    | 13.52                   | 3.7                             | 13.7                               |
| NAPIS-1  | 1/28/2021     | 7.64                         | 7.65                                    | 0.01                      | 6905.97                     | 6913.62                                           | 6913.86                               | 0.24                                    | 13.70                   | 3.7                             | 13.7                               |
| NAPIS-1  | 2/27/2021     | 7.66                         | 7.71                                    | 0.05                      | 6905.91                     | 6913.62                                           | 6913.86                               | 0.24                                    | 13.70                   | 3.7                             | 13.7                               |
| NAPIS-1  | 3/31/2021     | ND                           | 7.77                                    | NA                        | 6905.85                     | 6913.62                                           | 6913.86                               | 0.24                                    | 13.70                   | 3.7                             | 13.7                               |
| NAPIS-1  | 4/26/2021     | ND                           | 7.58                                    | NA                        | 6906.04                     | 6913.62                                           | 6913.86                               | 0.24                                    | 13.70                   | 3.7                             | 13.7                               |
| NAPIS-1  | 5/20/2021     | ND                           | 8.28                                    | NA                        | 6905.34                     | 6913.62                                           | 6913.86                               | 0.24                                    | 13.70                   | 3.7                             | 13.7                               |
| NAPIS-1  | 6/3/2021      | ND                           | 7.61                                    | NA                        | 6906.01                     | 6913.62                                           | 6913.86                               | 0.24                                    | 13.70                   | 3.7                             | 13.7                               |
| NAPIS-1  | 9/8/2021      | 6.79                         | 6.80                                    | 0.01                      | 6906.82                     | 6913.62                                           | 6913.86                               | 0.24                                    | 13.70                   | 3.7                             | 13.7                               |
| NAPIS-1  | 12/3/2021     | 7.02                         | 7.04                                    | 0.02                      | 6906.58                     | 6913.62                                           | 6913.86                               | 0.24                                    | 13.70                   | 3.7                             | 13.7                               |
| NAPIS-1  | 1/10/2022     | 7.06                         | 7.09                                    | 0.03                      | 6906.53                     | 6913.62                                           | 6913.86                               | 0.24                                    | 13.70                   | 3.7                             | 13.7                               |
| NAPIS-1  | 2/28/2022     | 7.04                         | 7.08                                    | 0.04                      | 6906.54                     | 6913.62                                           | 6913.86                               | 0.24                                    | 13.70                   | 3.7                             | 13.7                               |
| NAPIS-1  | 3/1/2022      | 7.07                         | 7.09                                    | 0.02                      | 6906.53                     | 6913.62                                           | 6913.86                               | 0.24                                    | 13.71                   | 3.7                             | 13.7                               |
| NAPIS-1  | 4/27/2022     | 7.26                         | 7.31                                    | 0.05                      | 6906.31                     | 6913.62                                           | 6913.86                               | 0.24                                    | 13.70                   | 3.7                             | 13.7                               |
| NAPIS-1  | 5/5/2022      | 7.27                         | 7.34                                    | 0.07                      | 6906.28                     | 6913.62                                           | 6913.86                               | 0.24                                    | 13.70                   | 3.7                             | 13.7                               |
| NAPIS-1  | 6/2/2022      | 7.21                         | 7.24                                    | 0.03                      | 6906.38                     | 6913.62                                           | 6913.86                               | 0.24                                    | 13.71                   | 3.7                             | 13.7                               |
| NAPIS-1  | 7/7/2022      | 7.01                         | 7.03                                    | 0.02                      | 6906.59                     | 6913.62                                           | 6913.86                               | 0.24                                    | 13.70                   | 3.7                             | 13.7                               |
| NAPIS-1  | 8/9/2022      | 7.04                         | 7.06                                    | 0.02                      | 6906.56                     | 6913.62                                           | 6913.86                               | 0.24                                    | 13.70                   | 3.7                             | 13.7                               |
| NAPIS-1  | 9/5/2022      | 7.20                         | 7.23                                    | 0.03                      | 6906.39                     | 6913.62                                           | 6913.86                               | 0.24                                    | 13.70                   | 3.7                             | 13.7                               |
| NAPIS-1  | 10/5/2022     | 7.26                         | 7.30                                    | 0.04                      | 6906.32                     | 6913.62                                           | 6913.86                               | 0.24                                    | 13.70                   | 3.7                             | 13.7                               |
| NAPIS-1  | 11/2/2022     | 7.29                         | 7.33                                    | 0.04                      | 6906.29                     | 6913.62                                           | 6913.86                               | 0.24                                    | 13.70                   | 3.7                             | 13.7                               |
| NAPIS-1  | 12/6/2022     | 7.39                         | 7.44                                    | 0.05                      | 6906.18                     | 6913.62                                           | 6913.86                               | 0.24                                    | 13.70                   | 3.7                             | 13.7                               |
| NAPIS-2  | 3/10/2014     | ND                           | 8.78                                    | NA                        | 6904.62                     | 6913.40                                           | 6912.65                               | -0.75                                   | 14.36                   | 4.2                             | 14.2                               |
| NAPIS-2  | 6/5/2014      | ND                           | 8.95                                    | NA                        | 6904.45                     | 6913.40                                           | 6912.65                               | -0.75                                   | 14.36                   | 4.2                             | 14.2                               |
| NAPIS-2  | 9/11/2014     | ND                           | 8.85                                    | NA                        | 6904.55                     | 6913.40                                           | 6912.65                               | -0.75                                   | 14.36                   | 4.2                             | 14.2                               |
| NAPIS-2  | 11/11/2014    | ND                           | 8.95                                    | NA                        | 6904.45                     | 6913.40                                           | 6912.65                               | -0.75                                   | 14.36                   | 4.2                             | 14.2                               |
| NAPIS-2  | 3/10/2015     | ND                           | 9.19                                    | NA                        | 6904.21                     | 6913.40                                           | 6912.65                               | -0.75                                   | 14.36                   | 4.2                             | 14.2                               |
| NAPIS-2  | 6/2/2015      | ND                           | 9.29                                    | NA                        | 6904.11                     | 6913.40                                           | 6912.65                               | -0.75                                   | 14.36                   | 4.2                             | 14.2                               |
| NAPIS-2  | 8/10/2015     | ND                           | 9.15                                    | NA                        | 6904.25                     | 6913.40                                           | 6912.65                               | -0.75                                   | 14.36                   | 4.2                             | 14.2                               |
| NAPIS-2  | 10/28/2015    | ND                           | 9.07                                    | NA                        | 6904.33                     | 6913.40                                           | 6912.65                               | -0.75                                   | 14.36                   | 4.2                             | 14.2                               |
| NAPIS-2  | 3/1/2016      | ND                           | 8.40                                    | NA                        | 6905.00                     | 6913.40                                           | 6912.65                               | -0.75                                   | 14.36                   | 4.2                             | 14.2                               |
| NAPIS-2  | 6/7/2016      | ND                           | 7.15                                    | NA                        | 6906.25                     | 6913.40                                           | 6912.65                               | -0.75                                   | 14.36                   | 4.2                             | 14.2                               |
| NAPIS-2  | 9/1/2016      | ND                           | 9.59                                    | NA                        | 6903.81                     | 6913.40                                           | 6912.65                               | -0.75                                   | 14.36                   | 4.2                             | 14.2                               |
| NAPIS-2  | 11/14/2016    | ND                           | 8.95                                    | NA                        | 6904.45                     | 6913.40                                           | 6912.65                               | -0.75                                   | 14.36                   | 4.2                             | 14.2                               |
| NAPIS-2  | 2/21/2017     | ND                           | 8.64                                    | NA                        | 6904.76                     | 6913.40                                           | 6912.65                               | -0.75                                   | 14.36                   | 4.2                             | 14.2                               |



APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| NAPIS-2  | 6/1/2017      | ND                           | 9.10                                    | NA                        | 6904.30                     | 6913.40                                           | 6912.65                               | -0.75                                   | 14.36                   | 4.2                             | 14.2                               |
| NAPIS-2  | 9/5/2017      | ND                           | 9.07                                    | NA                        | 6904.33                     | 6913.40                                           | 6912.65                               | -0.75                                   | 14.36                   | 4.2                             | 14.2                               |
| NAPIS-2  | 12/4/2017     | ND                           | 8.73                                    | NA                        | 6904.67                     | 6913.40                                           | 6912.65                               | -0.75                                   | 15.35                   | 4.2                             | 14.2                               |
| NAPIS-2  | 2/9/2018      | ND                           | 9.00                                    | NA                        | 6904.40                     | 6913.40                                           | 6912.65                               | -0.75                                   | 15.35                   | 4.2                             | 14.2                               |
| NAPIS-2  | 4/26/2018     | ND                           | 9.33                                    | NA                        | 6904.07                     | 6913.40                                           | 6912.65                               | -0.75                                   | 15.27                   | 4.2                             | 14.2                               |
| NAPIS-2  | 8/15/2018     | NA                           | NA                                      | NA                        | NA                          | 6913.40                                           | 6912.65                               | -0.75                                   | 15.27                   | 4.2                             | 14.2                               |
| NAPIS-2  | 11/8/2018     | NA                           | NA                                      | NA                        | NA                          | 6913.40                                           | 6912.65                               | -0.75                                   | 15.27                   | 4.2                             | 14.2                               |
| NAPIS-2  | 3/28/2019     | NA                           | NA                                      | NA                        | NA                          | 6913.40                                           | 6912.65                               | -0.75                                   | 15.27                   | 4.2                             | 14.2                               |
| NAPIS-2  | 5/28/2019     | ND                           | 10.29                                   | NA                        | 6903.11                     | 6913.40                                           | 6912.65                               | -0.75                                   | 14.36                   | 4.2                             | 14.2                               |
| NAPIS-2  | 8/22/2019     | ND                           | 9.90                                    | NA                        | 6903.50                     | 6913.40                                           | 6912.65                               | -0.75                                   | 14.36                   | 4.2                             | 14.2                               |
| NAPIS-2  | 10/21/2019    | ND                           | 10.15                                   | NA                        | 6903.25                     | 6913.40                                           | 6912.65                               | -0.75                                   | 14.36                   | 4.2                             | 14.2                               |
| NAPIS-2  | 3/3/2020      | ND                           | 10.21                                   | NA                        | 6903.19                     | 6913.40                                           | 6912.65                               | -0.75                                   | 14.36                   | 4.2                             | 14.2                               |
| NAPIS-2  | 7/1/2020      | ND                           | 9.87                                    | NA                        | 6903.53                     | 6913.40                                           | 6912.65                               | -0.75                                   | 31.17                   | 4.2                             | 14.2                               |
| NAPIS-2  | 9/15/2020     | ND                           | 8.87                                    | NA                        | 6904.53                     | 6913.40                                           | 6912.65                               | -0.75                                   | 15.35                   | 4.2                             | 14.2                               |
| NAPIS-2  | 11/10/2020    | ND                           | 9.26                                    | NA                        | 6904.14                     | 6913.40                                           | 6912.65                               | -0.75                                   | 15.35                   | 4.2                             | 14.2                               |
| NAPIS-2  | 12/7/2020     | ND                           | 9.47                                    | NA                        | 6903.93                     | 6913.40                                           | 6912.65                               | -0.75                                   | 15.36                   | 4.2                             | 14.2                               |
| NAPIS-2  | 1/28/2021     | ND                           | 9.91                                    | NA                        | 6903.49                     | 6913.40                                           | 6912.65                               | -0.75                                   | 15.37                   | 4.2                             | 14.2                               |
| NAPIS-2  | 2/28/2021     | ND                           | 9.90                                    | NA                        | 6903.50                     | 6913.40                                           | 6912.65                               | -0.75                                   | 15.40                   | 4.2                             | 14.2                               |
| NAPIS-2  | 3/31/2021     | ND                           | 10.07                                   | NA                        | 6903.33                     | 6913.40                                           | 6912.65                               | -0.75                                   | 15.43                   | 4.2                             | 14.2                               |
| NAPIS-2  | 4/26/2021     | ND                           | 9.89                                    | NA                        | 6903.51                     | 6913.40                                           | 6912.65                               | -0.75                                   | 15.46                   | 4.2                             | 14.2                               |
| NAPIS-2  | 5/20/2021     | ND                           | 9.71                                    | NA                        | 6903.69                     | 6913.40                                           | 6912.65                               | -0.75                                   | 15.49                   | 4.2                             | 14.2                               |
| NAPIS-2  | 6/1/2021      | ND                           | 9.85                                    | NA                        | 6903.55                     | 6913.40                                           | 6912.65                               | -0.75                                   | 15.49                   | 4.2                             | 14.2                               |
| NAPIS-2  | 9/8/2021      | ND                           | 9.03                                    | NA                        | 6904.37                     | 6913.40                                           | 6912.65                               | -0.75                                   | 15.49                   | 4.2                             | 14.2                               |
| NAPIS-2  | 12/13/2021    | ND                           | 9.19                                    | NA                        | 6904.21                     | 6913.40                                           | 6912.65                               | -0.75                                   | 15.49                   | 4.2                             | 14.2                               |
| NAPIS-2  | 1/10/2022     | ND                           | 9.30                                    | NA                        | 6904.10                     | 6913.40                                           | 6912.65                               | -0.75                                   | 15.14                   | 4.2                             | 14.2                               |
| NAPIS-2  | 2/28/2022     | ND                           | 9.29                                    | NA                        | 6904.11                     | 6913.40                                           | 6912.65                               | -0.75                                   | 15.14                   | 4.2                             | 14.2                               |
| NAPIS-2  | 3/1/2022      | ND                           | 9.15                                    | NA                        | 6904.25                     | 6913.40                                           | 6912.65                               | -0.75                                   | 15.15                   | 4.2                             | 14.2                               |
| NAPIS-2  | 4/27/2022     | ND                           | 9.81                                    | NA                        | 6903.59                     | 6913.40                                           | 6912.65                               | -0.75                                   | 15.15                   | 4.2                             | 14.2                               |
| NAPIS-2  | 5/5/2022      | ND                           | 10.00                                   | NA                        | 6903.40                     | 6913.40                                           | 6912.65                               | -0.75                                   | 15.15                   | 4.2                             | 14.2                               |
| NAPIS-2  | 6/2/2022      | ND                           | 10.80                                   | NA                        | 6902.60                     | 6913.40                                           | 6912.65                               | -0.75                                   | 15.40                   | 4.2                             | 14.2                               |
| NAPIS-2  | 7/7/2022      | ND                           | 10.85                                   | NA                        | 6902.55                     | 6913.40                                           | 6912.65                               | -0.75                                   | 15.65                   | 4.2                             | 14.2                               |
| NAPIS-2  | 8/9/2022      | ND                           | 10.98                                   | NA                        | 6902.42                     | 6913.40                                           | 6912.65                               | -0.75                                   | 15.90                   | 4.2                             | 14.2                               |
| NAPIS-2  | 9/2/2022      | ND                           | 10.60                                   | NA                        | 6902.80                     | 6913.40                                           | 6912.65                               | -0.75                                   | 15.40                   | 4.2                             | 14.2                               |
| NAPIS-2  | 10/5/2022     | ND                           | 10.65                                   | NA                        | 6902.75                     | 6913.40                                           | 6912.65                               | -0.75                                   | 15.40                   | 4.2                             | 14.2                               |
| NAPIS-2  | 11/2/2022     | ND                           | 10.68                                   | NA                        | 6902.72                     | 6913.40                                           | 6912.65                               | -0.75                                   | 15.40                   | 4.2                             | 14.2                               |
| NAPIS-2  | 12/14/2022    | ND                           | 10.68                                   | NA                        | 6902.72                     | 6913.40                                           | 6912.65                               | -0.75                                   | 15.40                   | 4.2                             | 14.2                               |
| NAPIS-3  | 3/10/2014     | ND                           | 9.52                                    | NA                        | 6903.86                     | 6913.38                                           | 6912.76                               | -0.62                                   | 31.04                   | 25.4                            | 30.4                               |
| NAPIS-3  | 6/5/2014      | ND                           | 9.47                                    | NA                        | 6903.91                     | 6913.38                                           | 6912.76                               | -0.62                                   | 31.04                   | 25.4                            | 30.4                               |
| NAPIS-3  | 9/11/2014     | ND                           | 8.59                                    | NA                        | 6904.79                     | 6913.38                                           | 6912.76                               | -0.62                                   | 31.04                   | 25.4                            | 30.4                               |
| NAPIS-3  | 11/13/2014    | ND                           | 9.80                                    | NA                        | 6903.58                     | 6913.38                                           | 6912.76                               | -0.62                                   | 31.04                   | 25.4                            | 30.4                               |
| NAPIS-3  | 3/10/2015     | ND                           | 10.21                                   | NA                        | 6903.17                     | 6913.38                                           | 6912.76                               | -0.62                                   | 31.04                   | 25.4                            | 30.4                               |
| NAPIS-3  | 6/2/2015      | ND                           | 9.72                                    | NA                        | 6903.66                     | 6913.38                                           | 6912.76                               | -0.62                                   | 31.04                   | 25.4                            | 30.4                               |
| NAPIS-3  | 8/10/2015     | ND                           | 9.11                                    | NA                        | 6904.27                     | 6913.38                                           | 6912.76                               | -0.62                                   | 31.04                   | 25.4                            | 30.4                               |
| NAPIS-3  | 10/28/2015    | ND                           | 9.84                                    | NA                        | 6903.54                     | 6913.38                                           | 6912.76                               | -0.62                                   | 31.04                   | 25.4                            | 30.4                               |
| NAPIS-3  | 3/1/2016      | ND                           | 9.17                                    | NA                        | 6904.21                     | 6913.38                                           | 6912.76                               | -0.62                                   | 31.04                   | 25.4                            | 30.4                               |
| NAPIS-3  | 6/7/2016      | ND                           | 8.34                                    | NA                        | 6905.04                     | 6913.38                                           | 6912.76                               | -0.62                                   | 31.04                   | 25.4                            | 30.4                               |
| NAPIS-3  | 9/1/2016      | ND                           | 9.72                                    | NA                        | 6903.66                     | 6913.38                                           | 6912.76                               | -0.62                                   | 31.04                   | 25.4                            | 30.4                               |
| NAPIS-3  | 11/14/2016    | ND                           | 9.73                                    | NA                        | 6903.65                     | 6913.38                                           | 6912.76                               | -0.62                                   | 31.04                   | 25.4                            | 30.4                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| NAPIS-3  | 2/21/2017     | ND                           | 9.82                                    | NA                        | 6903.56                     | 6913.38                                           | 6912.76                               | -0.62                                   | 31.04                   | 25.4                            | 30.4                               |
| NAPIS-3  | 6/1/2017      | ND                           | 10.82                                   | NA                        | 6902.56                     | 6913.38                                           | 6912.76                               | -0.62                                   | 31.04                   | 25.4                            | 30.4                               |
| NAPIS-3  | 9/8/2017      | ND                           | 9.72                                    | NA                        | 6903.66                     | 6913.38                                           | 6912.76                               | -0.62                                   | 31.04                   | 25.4                            | 30.4                               |
| NAPIS-3  | 12/14/2017    | ND                           | 9.62                                    | NA                        | 6903.76                     | 6913.38                                           | 6912.76                               | -0.62                                   | 32.20                   | 25.4                            | 30.4                               |
| NAPIS-3  | 2/9/2018      | ND                           | 10.32                                   | NA                        | 6903.06                     | 6913.38                                           | 6912.76                               | -0.62                                   | 32.22                   | 25.4                            | 30.4                               |
| NAPIS-3  | 4/26/2018     | ND                           | 10.22                                   | NA                        | 6903.16                     | 6913.38                                           | 6912.76                               | -0.62                                   | 32.13                   | 25.4                            | 30.4                               |
| NAPIS-3  | 8/15/2018     | NA                           | NA                                      | NA                        | NA                          | 6913.38                                           | 6912.76                               | -0.62                                   | 32.13                   | 25.4                            | 30.4                               |
| NAPIS-3  | 11/8/2018     | NA                           | NA                                      | NA                        | NA                          | 6913.38                                           | 6912.76                               | -0.62                                   | 32.13                   | 25.4                            | 30.4                               |
| NAPIS-3  | 3/28/2019     | NA                           | NA                                      | NA                        | NA                          | 6913.38                                           | 6912.76                               | -0.62                                   | 32.13                   | 25.4                            | 30.4                               |
| NAPIS-3  | 5/28/2019     | ND                           | 11.19                                   | NA                        | 6902.19                     | 6913.38                                           | 6912.76                               | -0.62                                   | 31.04                   | 25.4                            | 30.4                               |
| NAPIS-3  | 8/22/2019     | ND                           | 10.80                                   | NA                        | 6902.58                     | 6913.38                                           | 6912.76                               | -0.62                                   | 31.04                   | 25.4                            | 30.4                               |
| NAPIS-3  | 10/21/2019    | ND                           | 10.64                                   | NA                        | 6902.74                     | 6913.38                                           | 6912.76                               | -0.62                                   | 31.04                   | 25.4                            | 30.4                               |
| NAPIS-3  | 3/3/2020      | ND                           | 11.24                                   | NA                        | 6902.14                     | 6913.38                                           | 6912.76                               | -0.62                                   | 31.04                   | 25.4                            | 30.4                               |
| NAPIS-3  | 7/1/2020      | ND                           | 10.72                                   | NA                        | 6902.66                     | 6913.38                                           | 6912.76                               | -0.62                                   | 31.04                   | 25.4                            | 30.4                               |
| NAPIS-3  | 9/15/2020     | ND                           | 9.87                                    | NA                        | 6903.51                     | 6913.38                                           | 6912.76                               | -0.62                                   | 32.12                   | 25.4                            | 30.4                               |
| NAPIS-3  | 11/10/2020    | ND                           | 10.09                                   | NA                        | 6903.29                     | 6913.38                                           | 6912.76                               | -0.62                                   | 32.12                   | 25.4                            | 30.4                               |
| NAPIS-3  | 12/7/2020     | ND                           | 9.13                                    | NA                        | 6904.25                     | 6913.38                                           | 6912.76                               | -0.62                                   | 32.12                   | 25.4                            | 30.4                               |
| NAPIS-3  | 1/28/2021     | ND                           | 9.62                                    | NA                        | 6903.76                     | 6913.38                                           | 6912.76                               | -0.62                                   | 32.12                   | 25.4                            | 30.4                               |
| NAPIS-3  | 2/28/2021     | ND                           | 9.71                                    | NA                        | 6903.67                     | 6913.38                                           | 6912.76                               | -0.62                                   | 32.12                   | 25.4                            | 30.4                               |
| NAPIS-3  | 3/31/2021     | ND                           | 9.89                                    | NA                        | 6903.49                     | 6913.38                                           | 6912.76                               | -0.62                                   | 32.12                   | 25.4                            | 30.4                               |
| NAPIS-3  | 4/26/2021     | ND                           | 9.51                                    | NA                        | 6903.87                     | 6913.38                                           | 6912.76                               | -0.62                                   | 32.12                   | 25.4                            | 30.4                               |
| NAPIS-3  | 5/20/2021     | ND                           | 9.92                                    | NA                        | 6903.46                     | 6913.38                                           | 6912.76                               | -0.62                                   | 32.12                   | 25.4                            | 30.4                               |
| NAPIS-3  | 6/3/2021      | ND                           | 9.93                                    | NA                        | 6903.45                     | 6913.38                                           | 6912.76                               | -0.62                                   | 32.12                   | 25.4                            | 30.4                               |
| NAPIS-3  | 9/8/2021      | ND                           | 8.77                                    | NA                        | 6904.61                     | 6913.38                                           | 6912.76                               | -0.62                                   | 32.12                   | 25.4                            | 30.4                               |
| NAPIS-3  | 12/13/2021    | ND                           | 8.85                                    | NA                        | 6904.53                     | 6913.38                                           | 6912.76                               | -0.62                                   | 32.12                   | 25.4                            | 30.4                               |
| NAPIS-3  | 1/10/2022     | ND                           | 8.92                                    | NA                        | 6904.46                     | 6913.38                                           | 6912.76                               | -0.62                                   | 32.12                   | 25.4                            | 30.4                               |
| NAPIS-3  | 2/28/2022     | ND                           | 8.62                                    | NA                        | 6904.76                     | 6913.38                                           | 6912.76                               | -0.62                                   | 32.12                   | 25.4                            | 30.4                               |
| NAPIS-3  | 3/1/2022      | ND                           | 8.80                                    | NA                        | 6904.58                     | 6913.38                                           | 6912.76                               | -0.62                                   | 24.92                   | 25.4                            | 30.4                               |
| NAPIS-3  | 4/27/2022     | ND                           | 8.97                                    | NA                        | 6904.41                     | 6913.38                                           | 6912.76                               | -0.62                                   | 32.12                   | 25.4                            | 30.4                               |
| NAPIS-3  | 5/5/2022      | ND                           | 9.04                                    | NA                        | 6904.34                     | 6913.38                                           | 6912.76                               | -0.62                                   | 32.12                   | 25.4                            | 30.4                               |
| NAPIS-3  | 6/2/2022      | ND                           | 10.63                                   | NA                        | 6902.75                     | 6913.38                                           | 6912.76                               | -0.62                                   | 24.94                   | 25.4                            | 30.4                               |
| NAPIS-3  | 7/7/2022      | ND                           | 10.65                                   | NA                        | 6902.73                     | 6913.38                                           | 6912.76                               | -0.62                                   | 32.12                   | 25.4                            | 30.4                               |
| NAPIS-3  | 8/9/2022      | ND                           | 10.60                                   | NA                        | 6902.78                     | 6913.38                                           | 6912.76                               | -0.62                                   | 32.12                   | 25.4                            | 30.4                               |
| NAPIS-3  | 9/2/2022      | ND                           | 10.37                                   | NA                        | 6903.01                     | 6913.38                                           | 6912.76                               | -0.62                                   | 24.92                   | 25.4                            | 30.4                               |
| NAPIS-3  | 10/5/2022     | ND                           | 10.34                                   | NA                        | 6903.04                     | 6913.38                                           | 6912.76                               | -0.62                                   | 24.92                   | 25.4                            | 30.4                               |
| NAPIS-3  | 11/2/2022     | ND                           | 10.42                                   | NA                        | 6902.96                     | 6913.38                                           | 6912.76                               | -0.62                                   | 24.92                   | 25.4                            | 30.4                               |
| NAPIS-3  | 12/14/2022    | ND                           | 10.55                                   | NA                        | 6902.83                     | 6913.38                                           | 6912.76                               | -0.62                                   | 24.92                   | 25.4                            | 30.4                               |
| OAPIS-1  | 3/10/2014     | ND                           | 9.14                                    | NA                        | 6905.23                     | 6914.37                                           | 6916.73                               | 2.36                                    | 25.94                   | 16.0                            | 26.0                               |
| OAPIS-1  | 6/5/2014      | ND                           | 9.39                                    | NA                        | 6904.98                     | 6914.37                                           | 6916.73                               | 2.36                                    | 25.94                   | 16.0                            | 26.0                               |
| OAPIS-1  | 9/12/2014     | ND                           | 8.75                                    | NA                        | 6905.62                     | 6914.37                                           | 6916.73                               | 2.36                                    | 25.94                   | 16.0                            | 26.0                               |
| OAPIS-1  | 11/11/2014    | ND                           | 14.85                                   | NA                        | 6899.52                     | 6914.37                                           | 6916.73                               | 2.36                                    | 25.94                   | 16.0                            | 26.0                               |
| OAPIS-1  | 3/10/2015     | ND                           | 9.48                                    | NA                        | 6904.89                     | 6914.37                                           | 6916.73                               | 2.36                                    | 25.94                   | 16.0                            | 26.0                               |
| OAPIS-1  | 6/2/2015      | ND                           | 9.65                                    | NA                        | 6904.72                     | 6914.37                                           | 6916.73                               | 2.36                                    | 25.94                   | 16.0                            | 26.0                               |
| OAPIS-1  | 8/10/2015     | ND                           | 8.97                                    | NA                        | 6905.40                     | 6914.37                                           | 6916.73                               | 2.36                                    | 25.94                   | 16.0                            | 26.0                               |
| OAPIS-1  | 10/29/2015    | ND                           | 8.66                                    | NA                        | 6905.71                     | 6914.37                                           | 6916.73                               | 2.36                                    | 25.94                   | 16.0                            | 26.0                               |
| OAPIS-1  | 3/1/2016      | ND                           | 9.50                                    | NA                        | 6904.87                     | 6914.37                                           | 6916.73                               | 2.36                                    | 25.94                   | 16.0                            | 26.0                               |
| OAPIS-1  | 6/7/2016      | ND                           | 9.14                                    | NA                        | 6905.23                     | 6914.37                                           | 6916.73                               | 2.36                                    | 25.94                   | 16.0                            | 26.0                               |
| OAPIS-1  | 9/1/2016      | ND                           | 8.96                                    | NA                        | 6905.41                     | 6914.37                                           | 6916.73                               | 2.36                                    | 25.94                   | 16.0                            | 26.0                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| OAPIS-1  | 11/14/2016    | ND                           | 9.08                                    | NA                        | 6905.29                     | 6914.37                                           | 6916.73                               | 2.36                                    | 25.94                   | 16.0                            | 26.0                               |
| OAPIS-1  | 2/21/2017     | ND                           | 9.24                                    | NA                        | 6905.13                     | 6914.37                                           | 6916.73                               | 2.36                                    | 25.94                   | 16.0                            | 26.0                               |
| OAPIS-1  | 6/1/2017      | ND                           | 9.10                                    | NA                        | 6905.27                     | 6914.37                                           | 6916.73                               | 2.36                                    | 25.94                   | 16.0                            | 26.0                               |
| OAPIS-1  | 9/5/2017      | ND                           | 8.73                                    | NA                        | 6905.64                     | 6914.37                                           | 6916.73                               | 2.36                                    | 25.94                   | 16.0                            | 26.0                               |
| OAPIS-1  | 12/4/2017     | ND                           | 9.52                                    | NA                        | 6904.85                     | 6914.37                                           | 6916.73                               | 2.36                                    | 25.42                   | 16.0                            | 26.0                               |
| OAPIS-1  | 2/9/2018      | ND                           | 10.24                                   | NA                        | 6904.13                     | 6914.37                                           | 6916.73                               | 2.36                                    | 25.42                   | 16.0                            | 26.0                               |
| OAPIS-1  | 4/26/2018     | ND                           | 10.06                                   | NA                        | 6904.31                     | 6914.37                                           | 6916.73                               | 2.36                                    | 25.39                   | 16.0                            | 26.0                               |
| OAPIS-1  | 8/15/2018     | ND                           | 9.24                                    | NA                        | 6905.13                     | 6914.37                                           | 6916.73                               | 2.36                                    | 25.50                   | 16.0                            | 26.0                               |
| OAPIS-1  | 11/19/2018    | ND                           | 9.53                                    | NA                        | 6904.84                     | 6914.37                                           | 6916.73                               | 2.36                                    | 25.42                   | 16.0                            | 26.0                               |
| OAPIS-1  | 3/28/2019     | ND                           | 9.07                                    | NA                        | 6905.30                     | 6914.37                                           | 6916.73                               | 2.36                                    | 23.64                   | 16.0                            | 26.0                               |
| OAPIS-1  | 5/8/2019      | ND                           | 9.73                                    | NA                        | 6904.64                     | 6914.37                                           | 6916.73                               | 2.36                                    | 23.64                   | 16.0                            | 26.0                               |
| OAPIS-1  | 8/22/2019     | ND                           | 8.73                                    | NA                        | 6905.64                     | 6914.37                                           | 6916.73                               | 2.36                                    | 25.50                   | 16.0                            | 26.0                               |
| OAPIS-1  | 10/21/2019    | ND                           | 9.08                                    | NA                        | 6905.29                     | 6914.37                                           | 6916.73                               | 2.36                                    | 25.42                   | 16.0                            | 26.0                               |
| OAPIS-1  | 3/3/2020      | ND                           | 10.20                                   | NA                        | 6904.17                     | 6914.37                                           | 6916.73                               | 2.36                                    | 23.64                   | 16.0                            | 26.0                               |
| OAPIS-1  | 7/1/2020      | ND                           | 10.24                                   | NA                        | 6904.13                     | 6914.37                                           | 6916.73                               | 2.36                                    | 23.64                   | 16.0                            | 26.0                               |
| OAPIS-1  | 9/15/2020     | ND                           | 9.54                                    | NA                        | 6904.83                     | 6914.37                                           | 6916.73                               | 2.36                                    | 25.64                   | 16.0                            | 26.0                               |
| OAPIS-1  | 11/10/2020    | ND                           | 9.66                                    | NA                        | 6904.71                     | 6914.37                                           | 6916.73                               | 2.36                                    | 25.64                   | 16.0                            | 26.0                               |
| OAPIS-1  | 12/7/2020     | ND                           | 9.95                                    | NA                        | 6904.42                     | 6914.37                                           | 6916.73                               | 2.36                                    | 25.64                   | 16.0                            | 26.0                               |
| OAPIS-1  | 1/28/2021     | ND                           | 10.62                                   | NA                        | 6903.75                     | 6914.37                                           | 6916.73                               | 2.36                                    | 25.64                   | 16.0                            | 26.0                               |
| OAPIS-1  | 2/28/2021     | ND                           | 10.60                                   | NA                        | 6903.77                     | 6914.37                                           | 6916.73                               | 2.36                                    | 25.64                   | 16.0                            | 26.0                               |
| OAPIS-1  | 3/31/2021     | ND                           | 11.12                                   | NA                        | 6903.25                     | 6914.37                                           | 6916.73                               | 2.36                                    | 25.64                   | 16.0                            | 26.0                               |
| OAPIS-1  | 4/26/2021     | ND                           | 10.88                                   | NA                        | 6903.49                     | 6914.37                                           | 6916.73                               | 2.36                                    | 25.64                   | 16.0                            | 26.0                               |
| OAPIS-1  | 5/20/2021     | ND                           | 11.52                                   | NA                        | 6902.85                     | 6914.37                                           | 6916.73                               | 2.36                                    | 25.64                   | 16.0                            | 26.0                               |
| OAPIS-1  | 6/3/2021      | ND                           | 10.72                                   | NA                        | 6903.65                     | 6914.37                                           | 6916.73                               | 2.36                                    | 25.64                   | 16.0                            | 26.0                               |
| OAPIS-1  | 9/8/2021      | ND                           | 9.34                                    | NA                        | 6905.03                     | 6914.37                                           | 6916.73                               | 2.36                                    | 25.64                   | 16.0                            | 26.0                               |
| OAPIS-1  | 12/13/2021    | ND                           | 9.85                                    | NA                        | 6904.52                     | 6914.37                                           | 6916.73                               | 2.36                                    | 25.64                   | 16.0                            | 26.0                               |
| OAPIS-1  | 1/10/2022     | ND                           | 9.84                                    | NA                        | 6904.53                     | 6914.37                                           | 6916.73                               | 2.36                                    | 25.64                   | 16.0                            | 26.0                               |
| OAPIS-1  | 2/28/2022     | ND                           | 9.80                                    | NA                        | 6904.57                     | 6914.37                                           | 6916.73                               | 2.36                                    | 25.64                   | 16.0                            | 26.0                               |
| OAPIS-1  | 3/1/2022      | ND                           | 9.83                                    | NA                        | 6904.54                     | 6914.37                                           | 6916.73                               | 2.36                                    | 25.64                   | 16.0                            | 26.0                               |
| OAPIS-1  | 4/27/2022     | ND                           | 9.86                                    | NA                        | 6904.51                     | 6914.37                                           | 6916.73                               | 2.36                                    | 25.64                   | 16.0                            | 26.0                               |
| OAPIS-1  | 5/5/2022      | ND                           | 10.05                                   | NA                        | 6904.32                     | 6914.37                                           | 6916.73                               | 2.36                                    | 25.64                   | 16.0                            | 26.0                               |
| OAPIS-1  | 6/2/2022      | ND                           | 10.42                                   | NA                        | 6903.95                     | 6914.37                                           | 6916.73                               | 2.36                                    | 25.60                   | 16.0                            | 26.0                               |
| OAPIS-1  | 7/7/2022      | ND                           | 10.80                                   | NA                        | 6903.57                     | 6914.37                                           | 6916.73                               | 2.36                                    | 25.64                   | 16.0                            | 26.0                               |
| OAPIS-1  | 8/9/2022      | ND                           | 10.84                                   | NA                        | 6903.53                     | 6914.37                                           | 6916.73                               | 2.36                                    | 25.64                   | 16.0                            | 26.0                               |
| OAPIS-1  | 9/2/2022      | ND                           | 10.04                                   | NA                        | 6904.33                     | 6914.37                                           | 6916.73                               | 2.36                                    | 25.59                   | 16.0                            | 26.0                               |
| OAPIS-1  | 10/5/2022     | ND                           | 10.00                                   | NA                        | 6904.37                     | 6914.37                                           | 6916.73                               | 2.36                                    | 25.59                   | 16.0                            | 26.0                               |
| OAPIS-1  | 11/3/2022     | ND                           | 10.13                                   | NA                        | 6904.24                     | 6914.37                                           | 6916.73                               | 2.36                                    | 25.59                   | 16.0                            | 26.0                               |
| OAPIS-1  | 12/11/2022    | ND                           | 9.99                                    | NA                        | 6904.38                     | 6914.37                                           | 6916.73                               | 2.36                                    | 25.59                   | 16.0                            | 26.0                               |
| OAPIS-1  | 12/15/2022    | ND                           | 10.16                                   | NA                        | 6904.21                     | 6914.37                                           | 6916.73                               | 2.36                                    | 25.59                   | 16.0                            | 26.0                               |
| OW-12A   | 9/8/2021      | ND                           | Dry                                     | NA                        | Dry                         | 6943.65                                           | 6943.06                               | -0.59                                   | 36.09                   | 13.0                            | 32.7                               |
| OW-12A   | 12/3/2021     | ND                           | 26.14                                   | NA                        | 6917.51                     | 6943.65                                           | 6943.06                               | -0.59                                   | 36.09                   | 13.0                            | 32.7                               |
| OW-12A   | 3/2/2022      | ND                           | 26.25                                   | NA                        | 6917.40                     | 6943.65                                           | 6943.06                               | -0.59                                   | 34.09                   | 13.0                            | 32.7                               |
| OW-12A   | 6/1/2022      | ND                           | 26.79                                   | NA                        | 6916.86                     | 6943.65                                           | 6943.06                               | -0.59                                   | 33.79                   | 13.0                            | 32.7                               |
| OW-12A   | 9/2/2022      | ND                           | 26.61                                   | NA                        | 6917.04                     | 6943.65                                           | 6943.06                               | -0.59                                   | 33.79                   | 13.0                            | 32.7                               |
| OW-12A   | 10/4/2022     | ND                           | 26.59                                   | NA                        | 6917.06                     | 6943.65                                           | 6943.06                               | -0.59                                   | 33.79                   | 13.0                            | 32.7                               |
| OW-12A   | 11/3/2022     | ND                           | 26.65                                   | NA                        | 6917.00                     | 6943.65                                           | 6943.06                               | -0.59                                   | 33.79                   | 13.0                            | 32.7                               |
| OW-12A   | 12/7/2022     | ND                           | 26.64                                   | NA                        | 6917.01                     | 6943.65                                           | 6943.06                               | -0.59                                   | 33.79                   | 13.0                            | 32.7                               |
| OW-14    | 3/7/2014      | ND                           | 22.02                                   | NA                        | 6902.53                     | 6924.55                                           | 6926.65                               | 2.10                                    | 44.42                   | 35.0                            | 45.0                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| OW-14    | 6/3/2014      | ND                           | 22.05                                   | NA                        | 6902.50                     | 6924.55                                           | 6926.65                               | 2.10                                    | 44.42                   | 35.0                            | 45.0                               |
| OW-14    | 9/15/2014     | ND                           | 22.30                                   | NA                        | 6902.25                     | 6924.55                                           | 6926.65                               | 2.10                                    | 44.42                   | 35.0                            | 45.0                               |
| OW-14    | 11/10/2014    | ND                           | 22.15                                   | NA                        | 6902.40                     | 6924.55                                           | 6926.65                               | 2.10                                    | 44.42                   | 35.0                            | 45.0                               |
| OW-14    | 3/9/2015      | ND                           | 21.85                                   | NA                        | 6902.70                     | 6924.55                                           | 6926.65                               | 2.10                                    | 44.42                   | 35.0                            | 45.0                               |
| OW-14    | 6/1/2015      | ND                           | 21.78                                   | NA                        | 6902.77                     | 6924.55                                           | 6926.65                               | 2.10                                    | 44.42                   | 35.0                            | 45.0                               |
| OW-14    | 8/10/2015     | ND                           | 21.86                                   | NA                        | 6902.69                     | 6924.55                                           | 6926.65                               | 2.10                                    | 44.42                   | 35.0                            | 45.0                               |
| OW-14    | 10/27/2015    | ND                           | 21.59                                   | NA                        | 6902.96                     | 6924.55                                           | 6926.65                               | 2.10                                    | 44.42                   | 35.0                            | 45.0                               |
| OW-14    | 3/4/2016      | ND                           | 21.10                                   | NA                        | 6903.45                     | 6924.55                                           | 6926.65                               | 2.10                                    | 44.42                   | 35.0                            | 45.0                               |
| OW-14    | 6/6/2016      | ND                           | 21.08                                   | NA                        | 6903.47                     | 6924.55                                           | 6926.65                               | 2.10                                    | 44.42                   | 35.0                            | 45.0                               |
| OW-14    | 8/31/2016     | ND                           | 21.40                                   | NA                        | 6903.15                     | 6924.55                                           | 6926.65                               | 2.10                                    | 44.42                   | 35.0                            | 45.0                               |
| OW-14    | 11/15/2016    | ND                           | 21.18                                   | NA                        | 6903.37                     | 6924.55                                           | 6926.65                               | 2.10                                    | 44.42                   | 35.0                            | 45.0                               |
| OW-14    | 2/27/2017     | ND                           | 20.73                                   | NA                        | 6903.82                     | 6924.55                                           | 6926.65                               | 2.10                                    | 44.42                   | 35.0                            | 45.0                               |
| OW-14    | 5/30/2017     | ND                           | 21.08                                   | NA                        | 6903.47                     | 6924.55                                           | 6926.65                               | 2.10                                    | 44.42                   | 35.0                            | 45.0                               |
| OW-14    | 9/6/2017      | ND                           | 20.46                                   | NA                        | 6904.09                     | 6924.55                                           | 6926.65                               | 2.10                                    | 44.42                   | 35.0                            | 45.0                               |
| OW-14    | 12/11/2017    | ND                           | 20.10                                   | NA                        | 6904.45                     | 6924.55                                           | 6926.65                               | 2.10                                    | 44.42                   | 35.0                            | 45.0                               |
| OW-14    | 2/27/2018     | ND                           | 19.70                                   | NA                        | 6904.85                     | 6924.55                                           | 6926.65                               | 2.10                                    | 44.42                   | 35.0                            | 45.0                               |
| OW-14    | 4/26/2018     | ND                           | 19.65                                   | NA                        | 6904.90                     | 6924.55                                           | 6926.65                               | 2.10                                    | 44.65                   | 35.0                            | 45.0                               |
| OW-14    | 8/14/2018     | ND                           | 19.85                                   | NA                        | 6904.70                     | 6924.55                                           | 6926.65                               | 2.10                                    | 44.68                   | 35.0                            | 45.0                               |
| OW-14    | 11/6/2018     | ND                           | 19.72                                   | NA                        | 6904.83                     | 6924.55                                           | 6926.65                               | 2.10                                    | 44.42                   | 35.0                            | 45.0                               |
| OW-14    | 2/5/2019      | ND                           | 19.54                                   | NA                        | 6905.01                     | 6924.55                                           | 6926.65                               | 2.10                                    | 44.42                   | 35.0                            | 45.0                               |
| OW-14    | 5/1/2019      | ND                           | 19.35                                   | NA                        | 6905.20                     | 6924.55                                           | 6926.65                               | 2.10                                    | 44.42                   | 35.0                            | 45.0                               |
| OW-14    | 8/12/2019     | NA                           | NA                                      | NA                        | NA                          | 6924.55                                           | 6926.65                               | 2.10                                    | 44.68                   | 35.0                            | 45.0                               |
| OW-14    | 11/1/2019     | NA                           | NA                                      | NA                        | NA                          | 6924.55                                           | 6926.65                               | 2.10                                    | 44.42                   | 35.0                            | 45.0                               |
| OW-14    | 3/2/2020      | NA                           | NA                                      | NA                        | NA                          | 6924.55                                           | 6926.65                               | 2.10                                    | 44.42                   | 35.0                            | 45.0                               |
| OW-14    | 6/30/2020     | ND                           | 20.65                                   | NA                        | 6903.90                     | 6924.55                                           | 6926.65                               | 2.10                                    | 44.42                   | 35.0                            | 45.0                               |
| OW-14    | 9/14/2020     | NA                           | NA                                      | NA                        | NA                          | 6924.55                                           | 6926.65                               | 2.10                                    | 44.42                   | 35.0                            | 45.0                               |
| OW-14    | 12/7/2020     | NA                           | 22.30                                   | NA                        | 6902.25                     | 6924.55                                           | 6926.65                               | 2.10                                    | 44.42                   | 35.0                            | 45.0                               |
| OW-14    | 2/27/2021     | ND                           | 21.22                                   | NA                        | 6903.33                     | 6924.55                                           | 6926.65                               | 2.10                                    | 44.42                   | 35.0                            | 45.0                               |
| OW-14    | 6/2/2021      | ND                           | 21.55                                   | NA                        | 6903.00                     | 6924.55                                           | 6926.65                               | 2.10                                    | 44.42                   | 35.0                            | 45.0                               |
| OW-14    | 9/23/2021     | ND                           | 21.63                                   | NA                        | 6902.92                     | 6924.55                                           | 6926.65                               | 2.10                                    | 44.42                   | 35.0                            | 45.0                               |
| OW-14    | 12/29/2021    | ND                           | 20.70                                   | NA                        | 6903.85                     | 6924.55                                           | 6926.65                               | 2.10                                    | 44.42                   | 35.0                            | 45.0                               |
| OW-14    | 3/1/2022      | ND                           | 20.66                                   | NA                        | 6903.89                     | 6924.55                                           | 6926.65                               | 2.10                                    | 46.31                   | 35.0                            | 45.0                               |
| OW-14    | 6/2/2022      | ND                           | 22.19                                   | NA                        | 6902.36                     | 6924.55                                           | 6926.65                               | 2.10                                    | 45.20                   | 35.0                            | 45.0                               |
| OW-14    | 9/5/2022      | ND                           | 22.65                                   | NA                        | 6901.90                     | 6924.55                                           | 6926.65                               | 2.10                                    | 45.20                   | 35.0                            | 45.0                               |
| OW-14    | 10/4/2022     | ND                           | 22.62                                   | NA                        | 6901.93                     | 6924.55                                           | 6926.65                               | 2.10                                    | 45.20                   | 35.0                            | 45.0                               |
| OW-14    | 11/3/2022     | ND                           | 22.85                                   | NA                        | 6901.70                     | 6924.55                                           | 6926.65                               | 2.10                                    | 45.20                   | 35.0                            | 45.0                               |
| OW-14    | 12/6/2022     | ND                           | 23.00                                   | NA                        | 6901.55                     | 6924.55                                           | 6926.65                               | 2.10                                    | 45.20                   | 35.0                            | 45.0                               |
| OW-29    | 3/7/2014      | ND                           | 15.74                                   | NA                        | 6898.15                     | 6913.89                                           | 6917.00                               | 3.11                                    | 47.97                   | 37.5                            | 47.5                               |
| OW-29    | 6/2/2014      | ND                           | 15.84                                   | NA                        | 6898.05                     | 6913.89                                           | 6917.00                               | 3.11                                    | 47.97                   | 37.5                            | 47.5                               |
| OW-29    | 9/15/2014     | ND                           | 16.24                                   | NA                        | 6897.65                     | 6913.89                                           | 6917.00                               | 3.11                                    | 47.97                   | 37.5                            | 47.5                               |
| OW-29    | 11/11/2014    | ND                           | 16.05                                   | NA                        | 6897.84                     | 6913.89                                           | 6917.00                               | 3.11                                    | 47.97                   | 37.5                            | 47.5                               |
| OW-29    | 3/9/2015      | ND                           | 15.56                                   | NA                        | 6898.33                     | 6913.89                                           | 6917.00                               | 3.11                                    | 47.97                   | 37.5                            | 47.5                               |
| OW-29    | 6/1/2015      | ND                           | 15.56                                   | NA                        | 6898.33                     | 6913.89                                           | 6917.00                               | 3.11                                    | 47.97                   | 37.5                            | 47.5                               |
| OW-29    | 8/10/2015     | ND                           | 15.83                                   | NA                        | 6898.06                     | 6913.89                                           | 6917.00                               | 3.11                                    | 47.97                   | 37.5                            | 47.5                               |
| OW-29    | 10/27/2015    | ND                           | 15.61                                   | NA                        | 6898.28                     | 6913.89                                           | 6917.00                               | 3.11                                    | 47.97                   | 37.5                            | 47.5                               |
| OW-29    | 3/4/2016      | ND                           | 15.04                                   | NA                        | 6898.85                     | 6913.89                                           | 6917.00                               | 3.11                                    | 47.97                   | 37.5                            | 47.5                               |
| OW-29    | 6/6/2016      | ND                           | 15.05                                   | NA                        | 6898.84                     | 6913.89                                           | 6917.00                               | 3.11                                    | 47.97                   | 37.5                            | 47.5                               |
| OW-29    | 8/31/2016     | ND                           | 15.49                                   | NA                        | 6898.40                     | 6913.89                                           | 6917.00                               | 3.11                                    | 47.97                   | 37.5                            | 47.5                               |



APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| OW-29    | 11/15/2016    | ND                           | 15.12                                   | NA                        | 6898.77                     | 6913.89                                           | 6917.00                               | 3.11                                    | 47.97                   | 37.5                            | 47.5                               |
| OW-29    | 2/27/2017     | ND                           | 14.71                                   | NA                        | 6899.18                     | 6913.89                                           | 6917.00                               | 3.11                                    | 47.97                   | 37.5                            | 47.5                               |
| OW-29    | 5/30/2017     | ND                           | 15.05                                   | NA                        | 6898.84                     | 6913.89                                           | 6917.00                               | 3.11                                    | 47.97                   | 37.5                            | 47.5                               |
| OW-29    | 9/6/2017      | ND                           | 14.94                                   | NA                        | 6898.95                     | 6913.89                                           | 6917.00                               | 3.11                                    | 47.97                   | 37.5                            | 47.5                               |
| OW-29    | 12/11/2017    | ND                           | 14.39                                   | NA                        | 6899.50                     | 6913.89                                           | 6917.00                               | 3.11                                    | 47.97                   | 37.5                            | 47.5                               |
| OW-29    | 2/27/2018     | ND                           | 14.01                                   | NA                        | 6899.88                     | 6913.89                                           | 6917.00                               | 3.11                                    | 47.97                   | 37.5                            | 47.5                               |
| OW-29    | 4/26/2018     | ND                           | 13.87                                   | NA                        | 6900.02                     | 6913.89                                           | 6917.00                               | 3.11                                    | 48.79                   | 37.5                            | 47.5                               |
| OW-29    | 8/14/2018     | ND                           | 14.41                                   | NA                        | 6899.48                     | 6913.89                                           | 6917.00                               | 3.11                                    | 49.29                   | 37.5                            | 47.5                               |
| OW-29    | 11/6/2018     | ND                           | 14.11                                   | NA                        | 6899.78                     | 6913.89                                           | 6917.00                               | 3.11                                    | 47.97                   | 37.5                            | 47.5                               |
| OW-29    | 2/5/2019      | ND                           | 13.81                                   | NA                        | 6900.08                     | 6913.89                                           | 6917.00                               | 3.11                                    | 47.97                   | 37.5                            | 47.5                               |
| OW-29    | 5/1/2019      | ND                           | 13.60                                   | NA                        | 6900.29                     | 6913.89                                           | 6917.00                               | 3.11                                    | 47.97                   | 37.5                            | 47.5                               |
| OW-29    | 8/12/2019     | ND                           | 14.05                                   | NA                        | 6899.84                     | 6913.89                                           | 6917.00                               | 3.11                                    | 49.29                   | 37.5                            | 47.5                               |
| OW-29    | 10/14/2019    | ND                           | 14.13                                   | NA                        | 6899.76                     | 6913.89                                           | 6917.00                               | 3.11                                    | 47.97                   | 37.5                            | 47.5                               |
| OW-29    | 2/24/2020     | ND                           | 13.37                                   | NA                        | 6900.52                     | 6913.89                                           | 6917.00                               | 3.11                                    | 47.97                   | 37.5                            | 47.5                               |
| OW-29    | 6/30/2020     | ND                           | 14.31                                   | NA                        | 6899.58                     | 6913.89                                           | 6917.00                               | 3.11                                    | 47.97                   | 37.5                            | 47.5                               |
| OW-29    | 9/14/2020     | ND                           | 14.46                                   | NA                        | 6899.43                     | 6913.89                                           | 6917.00                               | 3.11                                    | 47.94                   | 37.5                            | 47.5                               |
| OW-29    | 11/9/2020     | ND                           | 14.12                                   | NA                        | 6899.77                     | 6913.89                                           | 6917.00                               | 3.11                                    | 47.94                   | 37.5                            | 47.5                               |
| OW-29    | 12/7/2020     | ND                           | 14.04                                   | NA                        | 6899.85                     | 6913.89                                           | 6917.00                               | 3.11                                    | 47.94                   | 37.5                            | 47.5                               |
| OW-29    | 2/27/2021     | ND                           | 13.73                                   | NA                        | 6900.16                     | 6913.89                                           | 6917.00                               | 3.11                                    | 47.94                   | 37.5                            | 47.5                               |
| OW-29    | 6/2/2021      | ND                           | 14.17                                   | NA                        | 6899.72                     | 6913.89                                           | 6917.00                               | 3.11                                    | 47.94                   | 37.5                            | 47.5                               |
| OW-29    | 9/23/2021     | ND                           | 14.92                                   | NA                        | 6898.97                     | 6913.89                                           | 6917.00                               | 3.11                                    | 47.94                   | 37.5                            | 47.5                               |
| OW-29    | 12/1/2021     | ND                           | 14.54                                   | NA                        | 6899.35                     | 6913.89                                           | 6917.00                               | 3.11                                    | 47.94                   | 37.5                            | 47.5                               |
| OW-29    | 3/1/2022      | ND                           | 14.34                                   | NA                        | 6899.55                     | 6913.89                                           | 6917.00                               | 3.11                                    | 48.35                   | 37.5                            | 47.5                               |
| OW-29    | 6/1/2022      | ND                           | 15.54                                   | NA                        | 6898.35                     | 6913.89                                           | 6917.00                               | 3.11                                    | 48.35                   | 37.5                            | 47.5                               |
| OW-29    | 9/7/2022      | ND                           | 15.44                                   | NA                        | 6898.45                     | 6913.89                                           | 6917.00                               | 3.11                                    | 48.34                   | 37.5                            | 47.5                               |
| OW-29    | 10/4/2022     | ND                           | 15.52                                   | NA                        | 6898.37                     | 6913.89                                           | 6917.00                               | 3.11                                    | 48.34                   | 37.5                            | 47.5                               |
| OW-29    | 11/3/2022     | ND                           | 15.59                                   | NA                        | 6898.30                     | 6913.89                                           | 6917.00                               | 3.11                                    | 48.34                   | 37.5                            | 47.5                               |
| OW-29    | 12/6/2022     | ND                           | 15.71                                   | NA                        | 6898.18                     | 6913.89                                           | 6917.00                               | 3.11                                    | 48.34                   | 37.5                            | 47.5                               |
| OW-29    | 12/11/2022    | ND                           | 15.47                                   | NA                        | 6898.42                     | 6913.89                                           | 6917.00                               | 3.11                                    | 48.34                   | 37.5                            | 47.5                               |
| OW-30    | 3/7/2014      | ND                           | 20.54                                   | NA                        | 6901.27                     | 6921.81                                           | 6924.69                               | 2.88                                    | 47.02                   | 37.9                            | 47.9                               |
| OW-30    | 6/3/2014      | ND                           | 20.63                                   | NA                        | 6901.18                     | 6921.81                                           | 6924.69                               | 2.88                                    | 47.02                   | 37.9                            | 47.9                               |
| OW-30    | 9/17/2014     | ND                           | 20.96                                   | NA                        | 6900.85                     | 6921.81                                           | 6924.69                               | 2.88                                    | 47.02                   | 37.9                            | 47.9                               |
| OW-30    | 11/11/2014    | ND                           | 20.82                                   | NA                        | 6900.99                     | 6921.81                                           | 6924.69                               | 2.88                                    | 47.02                   | 37.9                            | 47.9                               |
| OW-30    | 3/9/2015      | ND                           | 20.37                                   | NA                        | 6901.44                     | 6921.81                                           | 6924.69                               | 2.88                                    | 47.02                   | 37.9                            | 47.9                               |
| OW-30    | 6/1/2015      | ND                           | 20.32                                   | NA                        | 6901.49                     | 6921.81                                           | 6924.69                               | 2.88                                    | 47.02                   | 37.9                            | 47.9                               |
| OW-30    | 8/10/2015     | ND                           | 20.54                                   | NA                        | 6901.27                     | 6921.81                                           | 6924.69                               | 2.88                                    | 47.02                   | 37.9                            | 47.9                               |
| OW-30    | 10/27/2015    | ND                           | 20.26                                   | NA                        | 6901.55                     | 6921.81                                           | 6924.69                               | 2.88                                    | 47.02                   | 37.9                            | 47.9                               |
| OW-30    | 3/8/2016      | ND                           | 19.67                                   | NA                        | 6902.14                     | 6921.81                                           | 6924.69                               | 2.88                                    | 47.02                   | 37.9                            | 47.9                               |
| OW-30    | 6/6/2016      | ND                           | 19.76                                   | NA                        | 6902.05                     | 6921.81                                           | 6924.69                               | 2.88                                    | 47.02                   | 37.9                            | 47.9                               |
| OW-30    | 8/31/2016     | ND                           | 20.42                                   | NA                        | 6901.39                     | 6921.81                                           | 6924.69                               | 2.88                                    | 47.02                   | 37.9                            | 47.9                               |
| OW-30    | 11/14/2016    | ND                           | 19.87                                   | NA                        | 6901.94                     | 6921.81                                           | 6924.69                               | 2.88                                    | 47.02                   | 37.9                            | 47.9                               |
| OW-30    | 2/27/2017     | ND                           | 19.36                                   | NA                        | 6902.45                     | 6921.81                                           | 6924.69                               | 2.88                                    | 47.02                   | 37.9                            | 47.9                               |
| OW-30    | 5/31/2017     | ND                           | 19.76                                   | NA                        | 6902.05                     | 6921.81                                           | 6924.69                               | 2.88                                    | 47.02                   | 37.9                            | 47.9                               |
| OW-30    | 9/6/2017      | ND                           | 19.40                                   | NA                        | 6902.41                     | 6921.81                                           | 6924.69                               | 2.88                                    | 47.02                   | 37.9                            | 47.9                               |
| OW-30    | 12/12/2017    | ND                           | 18.87                                   | NA                        | 6902.94                     | 6921.81                                           | 6924.69                               | 2.88                                    | 47.02                   | 37.9                            | 47.9                               |
| OW-30    | 2/28/2018     | ND                           | 18.45                                   | NA                        | 6903.36                     | 6921.81                                           | 6924.69                               | 2.88                                    | 47.02                   | 37.9                            | 47.9                               |
| OW-30    | 4/26/2018     | ND                           | 18.40                                   | NA                        | 6903.41                     | 6921.81                                           | 6924.69                               | 2.88                                    | 47.32                   | 37.9                            | 47.9                               |
| OW-30    | 8/15/2018     | ND                           | 18.82                                   | NA                        | 6902.99                     | 6921.81                                           | 6924.69                               | 2.88                                    | 48.52                   | 37.9                            | 47.9                               |



APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| OW-30    | 12/3/2018     | ND                           | 18.42                                   | NA                        | 6903.39                     | 6921.81                                           | 6924.69                               | 2.88                                    | 47.02                   | 37.9                            | 47.9                               |
| OW-30    | 3/27/2019     | ND                           | 18.25                                   | NA                        | 6903.56                     | 6921.81                                           | 6924.69                               | 2.88                                    | 47.02                   | 37.9                            | 47.9                               |
| OW-30    | 6/5/2019      | ND                           | 18.26                                   | NA                        | 6903.55                     | 6921.81                                           | 6924.69                               | 2.88                                    | 47.02                   | 37.9                            | 47.9                               |
| OW-30    | 8/12/2019     | NA                           | NA                                      | NA                        | NA                          | 6921.81                                           | 6924.69                               | 2.88                                    | 48.52                   | 37.9                            | 47.9                               |
| OW-30    | 11/1/2019     | ND                           | NA                                      | NA                        | NA                          | 6921.81                                           | 6924.69                               | 2.88                                    | 47.02                   | 37.9                            | 47.9                               |
| OW-30    | 3/2/2020      | NA                           | NA                                      | NA                        | NA                          | 6921.81                                           | 6924.69                               | 2.88                                    | 47.02                   | 37.9                            | 47.9                               |
| OW-30    | 6/30/2020     | ND                           | 19.45                                   | NA                        | 6902.36                     | 6921.81                                           | 6924.69                               | 2.88                                    | 47.02                   | 37.9                            | 47.9                               |
| OW-30    | 9/15/2020     | ND                           | NA                                      | NA                        | NA                          | 6921.81                                           | 6924.69                               | 2.88                                    | 47.02                   | 37.9                            | 47.9                               |
| OW-30    | 12/7/2020     | ND                           | 19.34                                   | NA                        | 6902.47                     | 6921.81                                           | 6924.69                               | 2.88                                    | 47.02                   | 37.9                            | 47.9                               |
| OW-30    | 2/27/2021     | ND                           | 19.14                                   | NA                        | 6902.67                     | 6921.81                                           | 6924.69                               | 2.88                                    | 47.02                   | 37.9                            | 47.9                               |
| OW-30    | 6/2/2021      | ND                           | 19.54                                   | NA                        | 6902.27                     | 6921.81                                           | 6924.69                               | 2.88                                    | 47.02                   | 37.9                            | 47.9                               |
| OW-30    | 9/23/2021     | ND                           | 19.42                                   | NA                        | 6902.39                     | 6921.81                                           | 6924.69                               | 2.88                                    | 47.33                   | 37.9                            | 47.9                               |
| OW-30    | 12/28/2021    | ND                           | 19.12                                   | NA                        | 6902.69                     | 6921.81                                           | 6924.69                               | 2.88                                    | 47.33                   | 37.9                            | 47.9                               |
| OW-30    | 3/1/2022      | ND                           | 19.07                                   | NA                        | 6902.74                     | 6921.81                                           | 6924.69                               | 2.88                                    | 53.17                   | 37.9                            | 47.9                               |
| OW-30    | 6/2/2022      | ND                           | 19.93                                   | NA                        | 6901.88                     | 6921.81                                           | 6924.69                               | 2.88                                    | 47.15                   | 37.9                            | 47.9                               |
| OW-30    | 9/5/2022      | ND                           | 19.62                                   | NA                        | 6902.19                     | 6921.81                                           | 6924.69                               | 2.88                                    | 47.15                   | 37.9                            | 47.9                               |
| OW-30    | 10/4/2022     | ND                           | 19.65                                   | NA                        | 6902.16                     | 6921.81                                           | 6924.69                               | 2.88                                    | 47.15                   | 37.9                            | 47.9                               |
| OW-30    | 11/3/2022     | ND                           | 19.35                                   | NA                        | 6902.46                     | 6921.81                                           | 6924.69                               | 2.88                                    | 47.15                   | 37.9                            | 47.9                               |
| OW-30    | 12/6/2022     | ND                           | 19.77                                   | NA                        | 6902.04                     | 6921.81                                           | 6924.69                               | 2.88                                    | 47.17                   | 37.9                            | 47.9                               |
| OW-50    | 9/15/2014     | ND                           | 15.28                                   | NA                        | 6897.35                     | 6912.63                                           | 6914.21                               | 1.58                                    | 62.42                   | 48.0                            | 63.0                               |
| OW-50    | 8/10/2015     | ND                           | 14.89                                   | NA                        | 6897.74                     | 6912.63                                           | 6914.21                               | 1.58                                    | 62.42                   | 48.0                            | 63.0                               |
| OW-50    | 9/9/2016      | ND                           | 14.61                                   | NA                        | 6898.02                     | 6912.63                                           | 6914.21                               | 1.58                                    | 62.42                   | 48.0                            | 63.0                               |
| OW-50    | 9/11/2017     | ND                           | 14.02                                   | NA                        | 6898.61                     | 6912.63                                           | 6914.21                               | 1.58                                    | 62.42                   | 48.0                            | 63.0                               |
| OW-50    | 8/14/2018     | ND                           | 13.54                                   | NA                        | 6899.09                     | 6912.63                                           | 6914.21                               | 1.58                                    | 63.67                   | 48.0                            | 63.0                               |
| OW-50    | 11/7/2018     | ND                           | 13.62                                   | NA                        | 6899.01                     | 6912.63                                           | 6914.21                               | 1.58                                    | 62.42                   | 48.0                            | 63.0                               |
| OW-50    | 3/27/2019     | ND                           | 12.82                                   | NA                        | 6899.81                     | 6912.63                                           | 6914.21                               | 1.58                                    | 62.42                   | 48.0                            | 63.0                               |
| OW-50    | 5/1/2019      | ND                           | 12.81                                   | NA                        | 6899.82                     | 6912.63                                           | 6914.21                               | 1.58                                    | 62.42                   | 48.0                            | 63.0                               |
| OW-50    | 8/16/2019     | ND                           | 13.16                                   | NA                        | 6899.47                     | 6912.63                                           | 6914.21                               | 1.58                                    | 62.42                   | 48.0                            | 63.0                               |
| OW-50    | 10/15/2019    | ND                           | 13.34                                   | NA                        | 6899.29                     | 6912.63                                           | 6914.21                               | 1.58                                    | 62.42                   | 48.0                            | 63.0                               |
| OW-50    | 3/2/2020      | ND                           | 12.47                                   | NA                        | 6900.16                     | 6912.63                                           | 6914.21                               | 1.58                                    | 62.42                   | 48.0                            | 63.0                               |
| OW-50    | 6/30/2020     | ND                           | 13.03                                   | NA                        | 6899.60                     | 6912.63                                           | 6914.21                               | 1.58                                    | 62.42                   | 48.0                            | 63.0                               |
| OW-50    | 9/14/2020     | ND                           | 13.53                                   | NA                        | 6899.10                     | 6912.63                                           | 6914.21                               | 1.58                                    | 37.44                   | 48.0                            | 63.0                               |
| OW-50    | 11/9/2020     | ND                           | 13.29                                   | NA                        | 6899.34                     | 6912.63                                           | 6914.21                               | 1.58                                    | 37.44                   | 48.0                            | 63.0                               |
| OW-50    | 12/7/2020     | ND                           | 13.14                                   | NA                        | 6899.49                     | 6912.63                                           | 6914.21                               | 1.58                                    | 37.44                   | 48.0                            | 63.0                               |
| OW-50    | 2/27/2021     | ND                           | 12.74                                   | NA                        | 6899.89                     | 6912.63                                           | 6914.21                               | 1.58                                    | 62.42                   | 48.0                            | 63.0                               |
| OW-50    | 6/2/2021      | ND                           | 13.13                                   | NA                        | 6899.50                     | 6912.63                                           | 6914.21                               | 1.58                                    | 62.42                   | 48.0                            | 63.0                               |
| OW-50    | 9/23/2021     | ND                           | 13.87                                   | NA                        | 6898.76                     | 6912.63                                           | 6914.21                               | 1.58                                    | 62.42                   | 48.0                            | 63.0                               |
| OW-50    | 12/1/2021     | ND                           | 13.50                                   | NA                        | 6899.13                     | 6912.63                                           | 6914.21                               | 1.58                                    | 62.42                   | 48.0                            | 63.0                               |
| OW-50    | 3/2/2022      | ND                           | 13.32                                   | NA                        | 6899.31                     | 6912.63                                           | 6914.21                               | 1.58                                    | 61.81                   | 48.0                            | 63.0                               |
| OW-50    | 6/1/2022      | ND                           | 13.62                                   | NA                        | 6899.01                     | 6912.63                                           | 6914.21                               | 1.58                                    | 61.72                   | 48.0                            | 63.0                               |
| OW-50    | 9/2/2022      | ND                           | 14.37                                   | NA                        | 6898.26                     | 6912.63                                           | 6914.21                               | 1.58                                    | 61.72                   | 48.0                            | 63.0                               |
| OW-50    | 10/4/2022     | ND                           | 14.31                                   | NA                        | 6898.32                     | 6912.63                                           | 6914.21                               | 1.58                                    | 61.72                   | 48.0                            | 63.0                               |
| OW-50    | 11/3/2022     | ND                           | 14.59                                   | NA                        | 6898.04                     | 6912.63                                           | 6914.21                               | 1.58                                    | 61.72                   | 48.0                            | 63.0                               |
| OW-50    | 12/6/2022     | ND                           | 14.44                                   | NA                        | 6898.19                     | 6912.63                                           | 6914.21                               | 1.58                                    | 61.72                   | 48.0                            | 63.0                               |
| OW-52    | 9/15/2014     | ND                           | 14.65                                   | NA                        | 6891.88                     | 6906.53                                           | 6907.68                               | 1.15                                    | 76.59                   | 64.0                            | 79.0                               |
| OW-52    | 8/10/2015     | ND                           | 14.34                                   | NA                        | 6892.19                     | 6906.53                                           | 6907.68                               | 1.15                                    | 76.59                   | 64.0                            | 79.0                               |
| OW-52    | 9/9/2016      | ND                           | 14.13                                   | NA                        | 6892.40                     | 6906.53                                           | 6907.68                               | 1.15                                    | 76.59                   | 64.0                            | 79.0                               |
| OW-52    | 9/11/2017     | ND                           | 13.70                                   | NA                        | 6892.83                     | 6906.53                                           | 6907.68                               | 1.15                                    | 76.59                   | 64.0                            | 79.0                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| OW-52    | 8/15/2018     | ND                           | 13.37                                   | NA                        | 6893.16                     | 6906.53                                           | 6907.68                               | 1.15                                    | 77.85                   | 64.0                            | 79.0                               |
| OW-52    | 11/7/2018     | ND                           | 13.29                                   | NA                        | 6893.24                     | 6906.53                                           | 6907.68                               | 1.15                                    | 76.59                   | 64.0                            | 79.0                               |
| OW-52    | 3/27/2019     | ND                           | 12.82                                   | NA                        | 6893.71                     | 6906.53                                           | 6907.68                               | 1.15                                    | 76.59                   | 64.0                            | 79.0                               |
| OW-52    | 5/1/2019      | ND                           | 12.59                                   | NA                        | 6893.94                     | 6906.53                                           | 6907.68                               | 1.15                                    | 76.59                   | 64.0                            | 79.0                               |
| OW-52    | 8/16/2019     | ND                           | 13.06                                   | NA                        | 6893.47                     | 6906.53                                           | 6907.68                               | 1.15                                    | 76.59                   | 64.0                            | 79.0                               |
| OW-52    | 10/15/2019    | ND                           | 13.25                                   | NA                        | 6893.28                     | 6906.53                                           | 6907.68                               | 1.15                                    | 76.59                   | 64.0                            | 79.0                               |
| OW-52    | 3/2/2020      | ND                           | 12.56                                   | NA                        | 6893.97                     | 6906.53                                           | 6907.68                               | 1.15                                    | 76.59                   | 64.0                            | 79.0                               |
| OW-52    | 6/30/2020     | ND                           | 13.05                                   | NA                        | 6893.48                     | 6906.53                                           | 6907.68                               | 1.15                                    | 76.59                   | 64.0                            | 79.0                               |
| OW-52    | 9/14/2020     | ND                           | 13.41                                   | NA                        | 6893.12                     | 6906.53                                           | 6907.68                               | 1.15                                    | 39.28                   | 64.0                            | 79.0                               |
| OW-52    | 10/9/2020     | ND                           | 13.37                                   | NA                        | 6893.16                     | 6906.53                                           | 6907.68                               | 1.15                                    | 39.28                   | 64.0                            | 79.0                               |
| OW-52    | 12/7/2020     | ND                           | 13.27                                   | NA                        | 6893.26                     | 6906.53                                           | 6907.68                               | 1.15                                    | 39.28                   | 64.0                            | 79.0                               |
| OW-52    | 2/27/2021     | ND                           | 12.93                                   | NA                        | 6893.60                     | 6906.53                                           | 6907.68                               | 1.15                                    | 76.59                   | 64.0                            | 79.0                               |
| OW-52    | 6/2/2021      | ND                           | 12.99                                   | NA                        | 6893.54                     | 6906.53                                           | 6907.68                               | 1.15                                    | 76.59                   | 64.0                            | 79.0                               |
| OW-52    | 9/23/2021     | ND                           | 13.67                                   | NA                        | 6892.86                     | 6906.53                                           | 6907.68                               | 1.15                                    | 76.59                   | 64.0                            | 79.0                               |
| OW-52    | 12/7/2021     | ND                           | 13.41                                   | NA                        | 6893.12                     | 6906.53                                           | 6907.68                               | 1.15                                    | 76.59                   | 64.0                            | 79.0                               |
| OW-52    | 3/2/2022      | ND                           | 13.20                                   | NA                        | 6893.33                     | 6906.53                                           | 6907.68                               | 1.15                                    | 74.40                   | 64.0                            | 79.0                               |
| OW-52    | 6/1/2022      | ND                           | 13.35                                   | NA                        | 6893.18                     | 6906.53                                           | 6907.68                               | 1.15                                    | 55.35                   | 64.0                            | 79.0                               |
| OW-52    | 9/6/2022      | ND                           | 13.92                                   | NA                        | 6892.61                     | 6906.53                                           | 6907.68                               | 1.15                                    | 55.35                   | 64.0                            | 79.0                               |
| OW-52    | 10/4/2022     | ND                           | 13.95                                   | NA                        | 6892.58                     | 6906.53                                           | 6907.68                               | 1.15                                    | 55.35                   | 64.0                            | 79.0                               |
| OW-52    | 11/3/2022     | ND                           | 14.35                                   | NA                        | 6892.18                     | 6906.53                                           | 6907.68                               | 1.15                                    | 55.35                   | 64.0                            | 79.0                               |
| OW-52    | 12/6/2022     | ND                           | 14.00                                   | NA                        | 6892.53                     | 6906.53                                           | 6907.68                               | 1.15                                    | 55.35                   | 64.0                            | 79.0                               |
| OW-53    | 3/29/2017     | ND                           | Dry                                     | NA                        | Dry                         | 6911.93                                           | 6914.38                               | 2.45                                    | 31.45                   | 16.0                            | 31.0                               |
| OW-53    | 6/21/2017     | ND                           | Dry                                     | NA                        | Dry                         | 6911.93                                           | 6914.38                               | 2.45                                    | 31.45                   | 16.0                            | 31.0                               |
| OW-53    | 9/11/2017     | ND                           | Dry                                     | NA                        | Dry                         | 6911.93                                           | 6914.38                               | 2.45                                    | 31.45                   | 16.0                            | 31.0                               |
| OW-53    | 12/5/2017     | ND                           | Dry                                     | NA                        | Dry                         | 6911.93                                           | 6914.38                               | 2.45                                    | 31.45                   | 16.0                            | 31.0                               |
| OW-53    | 2/21/2018     | ND                           | Dry                                     | NA                        | Dry                         | 6911.93                                           | 6914.38                               | 2.45                                    | 31.45                   | 16.0                            | 31.0                               |
| OW-53    | 4/26/2018     | ND                           | Dry                                     | NA                        | Dry                         | 6911.93                                           | 6914.38                               | 2.45                                    | 31.45                   | 16.0                            | 31.0                               |
| OW-53    | 8/15/2018     | ND                           | Dry                                     | NA                        | Dry                         | 6911.93                                           | 6914.38                               | 2.45                                    | 31.46                   | 16.0                            | 31.0                               |
| OW-53    | 11/6/2018     | ND                           | Dry                                     | NA                        | Dry                         | 6911.93                                           | 6914.38                               | 2.45                                    | 31.45                   | 16.0                            | 31.0                               |
| OW-53    | 2/6/2019      | ND                           | Dry                                     | NA                        | Dry                         | 6911.93                                           | 6914.38                               | 2.67                                    | 31.24                   | 16.0                            | 31.0                               |
| OW-53    | 5/2/2019      | ND                           | Dry                                     | NA                        | Dry                         | 6911.93                                           | 6914.38                               | 2.67                                    | 31.24                   | 16.0                            | 31.0                               |
| OW-53    | 8/21/2019     | ND                           | Dry                                     | NA                        | Dry                         | 6911.93                                           | 6914.38                               | 2.67                                    | 31.24                   | 16.0                            | 31.0                               |
| OW-53    | 10/15/2019    | ND                           | Dry                                     | NA                        | Dry                         | 6911.93                                           | 6914.38                               | 2.67                                    | 31.24                   | 16.0                            | 31.0                               |
| OW-53    | 3/2/2020      | ND                           | Dry                                     | NA                        | Dry                         | 6911.93                                           | 6914.38                               | 2.67                                    | 31.28                   | 16.0                            | 31.0                               |
| OW-53    | 6/30/2020     | ND                           | Dry                                     | NA                        | Dry                         | 6911.93                                           | 6914.38                               | 2.67                                    | 31.23                   | 16.0                            | 31.0                               |
| OW-53    | 9/14/2020     | ND                           | Dry                                     | NA                        | Dry                         | 6911.93                                           | 6914.38                               | 2.67                                    | 31.24                   | 16.0                            | 31.0                               |
| OW-53    | 11/9/2020     | ND                           | Dry                                     | NA                        | Dry                         | 6911.93                                           | 6914.38                               | 2.67                                    | 31.24                   | 16.0                            | 31.0                               |
| OW-53    | 12/7/2020     | ND                           | Dry                                     | NA                        | Dry                         | 6911.93                                           | 6914.38                               | 2.67                                    | 31.24                   | 16.0                            | 31.0                               |
| OW-53    | 2/27/2021     | ND                           | Dry                                     | NA                        | Dry                         | 6911.93                                           | 6914.38                               | 2.67                                    | 31.24                   | 16.0                            | 31.0                               |
| OW-53    | 6/2/2021      | ND                           | Dry                                     | NA                        | Dry                         | 6911.93                                           | 6914.38                               | 2.67                                    | 31.24                   | 16.0                            | 31.0                               |
| OW-53    | 9/23/2021     | ND                           | Dry                                     | NA                        | Dry                         | 6911.93                                           | 6914.38                               | 2.67                                    | 31.24                   | 16.0                            | 31.0                               |
| OW-53    | 12/1/2021     | ND                           | Dry                                     | NA                        | Dry                         | 6911.93                                           | 6914.38                               | 2.67                                    | 31.24                   | 16.0                            | 31.0                               |
| OW-53    | 3/2/2022      | ND                           | Dry                                     | NA                        | Dry                         | 6911.93                                           | 6914.38                               | 2.67                                    | 31.24                   | 16.0                            | 31.0                               |
| OW-53    | 6/1/2022      | ND                           | Dry                                     | NA                        | Dry                         | 6911.93                                           | 6914.38                               | 2.67                                    | 31.24                   | 16.0                            | 31.0                               |
| OW-53    | 9/2/2022      | ND                           | Dry                                     | NA                        | Dry                         | 6911.93                                           | 6914.38                               | 2.67                                    | 31.24                   | 16.0                            | 31.0                               |
| OW-53    | 10/4/2022     | ND                           | Dry                                     | NA                        | Dry                         | 6911.93                                           | 6914.38                               | 2.67                                    | 31.24                   | 16.0                            | 31.0                               |
| OW-53    | 11/3/2022     | ND                           | Dry                                     | NA                        | Dry                         | 6911.93                                           | 6914.38                               | 2.67                                    | 31.24                   | 16.0                            | 31.0                               |
| OW-53    | 12/6/2022     | ND                           | Dry                                     | NA                        | Dry                         | 6911.93                                           | 6914.38                               | 2.67                                    | 31.24                   | 16.0                            | 31.0                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| OW-54    | 3/29/2017     | ND                           | 15.88                                   | NA                        | 6900.48                     | 6916.36                                           | 6918.92                               | 2.56                                    | 28.48                   | 13.0                            | 28.0                               |
| OW-54    | 6/21/2017     | ND                           | 16.07                                   | NA                        | 6900.29                     | 6916.36                                           | 6918.92                               | 2.56                                    | 28.48                   | 13.0                            | 28.0                               |
| OW-54    | 9/11/2017     | ND                           | 16.14                                   | NA                        | 6900.22                     | 6916.36                                           | 6918.92                               | 2.56                                    | 28.48                   | 13.0                            | 28.0                               |
| OW-54    | 12/5/2017     | ND                           | 15.71                                   | NA                        | 6900.65                     | 6916.36                                           | 6918.92                               | 2.56                                    | 28.50                   | 13.0                            | 28.0                               |
| OW-54    | 2/21/2018     | ND                           | 15.49                                   | NA                        | 6900.87                     | 6916.36                                           | 6918.92                               | 2.56                                    | 28.31                   | 13.0                            | 28.0                               |
| OW-54    | 4/26/2018     | ND                           | 15.27                                   | NA                        | 6901.09                     | 6916.36                                           | 6918.92                               | 2.56                                    | 27.14                   | 13.0                            | 28.0                               |
| OW-54    | 8/14/2018     | ND                           | 15.67                                   | NA                        | 6900.69                     | 6916.36                                           | 6918.92                               | 2.56                                    | 27.06                   | 13.0                            | 28.0                               |
| OW-54    | 11/6/2018     | ND                           | 15.34                                   | NA                        | 6901.02                     | 6916.36                                           | 6918.92                               | 2.56                                    | 28.50                   | 13.0                            | 28.0                               |
| OW-54    | 2/6/2019      | ND                           | 14.93                                   | NA                        | 6901.34                     | 6916.36                                           | 6918.92                               | 2.65                                    | 28.39                   | 13.0                            | 28.0                               |
| OW-54    | 5/2/2019      | ND                           | 14.87                                   | NA                        | 6901.40                     | 6916.36                                           | 6918.92                               | 2.65                                    | 28.39                   | 13.0                            | 28.0                               |
| OW-54    | 8/21/2019     | ND                           | 15.35                                   | NA                        | 6900.92                     | 6916.36                                           | 6918.92                               | 2.65                                    | 26.97                   | 13.0                            | 28.0                               |
| OW-54    | 10/15/2019    | ND                           | 15.44                                   | NA                        | 6900.83                     | 6916.36                                           | 6918.92                               | 2.65                                    | 28.41                   | 13.0                            | 28.0                               |
| OW-54    | 3/2/2020      | ND                           | 14.53                                   | NA                        | 6901.74                     | 6916.36                                           | 6918.92                               | 2.65                                    | 28.39                   | 13.0                            | 28.0                               |
| OW-54    | 6/30/2020     | ND                           | 15.10                                   | NA                        | 6901.17                     | 6916.36                                           | 6918.92                               | 2.65                                    | 28.39                   | 13.0                            | 28.0                               |
| OW-54    | 9/14/2020     | ND                           | 15.52                                   | NA                        | 6900.75                     | 6916.36                                           | 6918.92                               | 2.65                                    | 21.93                   | 13.0                            | 28.0                               |
| OW-54    | 10/9/2020     | ND                           | 15.27                                   | NA                        | 6901.00                     | 6916.36                                           | 6918.92                               | 2.65                                    | 21.93                   | 13.0                            | 28.0                               |
| OW-54    | 12/7/2020     | ND                           | 15.13                                   | NA                        | 6901.14                     | 6916.36                                           | 6918.92                               | 2.65                                    | 21.93                   | 13.0                            | 28.0                               |
| OW-54    | 2/27/2021     | ND                           | 14.85                                   | NA                        | 6901.42                     | 6916.36                                           | 6918.92                               | 2.65                                    | 28.41                   | 13.0                            | 28.0                               |
| OW-54    | 6/2/2021      | ND                           | 15.23                                   | NA                        | 6901.04                     | 6916.36                                           | 6918.92                               | 2.65                                    | 28.41                   | 13.0                            | 28.0                               |
| OW-54    | 9/23/2021     | ND                           | 15.89                                   | NA                        | 6900.38                     | 6916.36                                           | 6918.92                               | 2.65                                    | 28.41                   | 13.0                            | 28.0                               |
| OW-54    | 12/28/2021    | ND                           | 15.40                                   | NA                        | 6900.87                     | 6916.36                                           | 6918.92                               | 2.65                                    | 28.41                   | 13.0                            | 28.0                               |
| OW-54    | 3/2/2022      | ND                           | 15.38                                   | NA                        | 6900.89                     | 6916.36                                           | 6918.92                               | 2.65                                    | 27.05                   | 13.0                            | 28.0                               |
| OW-54    | 6/2/2022      | ND                           | 15.70                                   | NA                        | 6900.57                     | 6916.36                                           | 6918.92                               | 2.65                                    | 27.08                   | 13.0                            | 28.0                               |
| OW-54    | 9/6/2022      | ND                           | 16.39                                   | NA                        | 6899.88                     | 6916.36                                           | 6918.92                               | 2.65                                    | 27.10                   | 13.0                            | 28.0                               |
| OW-54    | 10/4/2022     | ND                           | 16.35                                   | NA                        | 6899.92                     | 6916.36                                           | 6918.92                               | 2.65                                    | 27.10                   | 13.0                            | 28.0                               |
| OW-54    | 11/3/2022     | ND                           | 17.45                                   | NA                        | 6898.82                     | 6916.36                                           | 6918.92                               | 2.65                                    | 27.10                   | 13.0                            | 28.0                               |
| OW-54    | 12/6/2022     | ND                           | 16.48                                   | NA                        | 6899.79                     | 6916.36                                           | 6918.92                               | 2.65                                    | 27.10                   | 13.0                            | 28.0                               |
| OW-55    | 3/29/2017     | ND                           | 16.15                                   | NA                        | 6904.86                     | 6921.01                                           | 6923.25                               | 2.24                                    | 28.46                   | 13.0                            | 28.0                               |
| OW-55    | 6/21/2017     | ND                           | 16.23                                   | NA                        | 6904.78                     | 6921.01                                           | 6923.25                               | 2.24                                    | 28.46                   | 13.0                            | 28.0                               |
| OW-55    | 9/11/2017     | ND                           | 16.25                                   | NA                        | 6904.76                     | 6921.01                                           | 6923.25                               | 2.24                                    | 28.46                   | 13.0                            | 28.0                               |
| OW-55    | 12/5/2017     | ND                           | 15.81                                   | NA                        | 6905.20                     | 6921.01                                           | 6923.25                               | 2.24                                    | 28.66                   | 13.0                            | 28.0                               |
| OW-55    | 2/21/2018     | ND                           | 15.56                                   | NA                        | 6905.45                     | 6921.01                                           | 6923.25                               | 2.24                                    | 28.71                   | 13.0                            | 28.0                               |
| OW-55    | 4/26/2018     | ND                           | 15.37                                   | NA                        | 6905.64                     | 6921.01                                           | 6923.25                               | 2.24                                    | 28.68                   | 13.0                            | 28.0                               |
| OW-55    | 8/14/2018     | ND                           | 15.70                                   | NA                        | 6905.31                     | 6921.01                                           | 6923.25                               | 2.24                                    | 28.46                   | 13.0                            | 28.0                               |
| OW-55    | 11/6/2018     | ND                           | 15.48                                   | NA                        | 6905.53                     | 6921.01                                           | 6923.25                               | 2.24                                    | 28.66                   | 13.0                            | 28.0                               |
| OW-55    | 2/6/2019      | ND                           | 15.14                                   | NA                        | 6905.88                     | 6921.01                                           | 6923.25                               | 2.23                                    | 28.47                   | 13.0                            | 28.0                               |
| OW-55    | 5/2/2019      | ND                           | 15.15                                   | NA                        | 6905.87                     | 6921.01                                           | 6923.25                               | 2.23                                    | 28.47                   | 13.0                            | 28.0                               |
| OW-55    | 8/21/2019     | ND                           | 15.47                                   | NA                        | 6905.55                     | 6921.01                                           | 6923.25                               | 2.23                                    | 28.47                   | 13.0                            | 28.0                               |
| OW-55    | 10/15/2019    | ND                           | 15.50                                   | NA                        | 6905.52                     | 6921.01                                           | 6923.25                               | 2.23                                    | 28.67                   | 13.0                            | 28.0                               |
| OW-55    | 3/2/2020      | ND                           | 14.73                                   | NA                        | 6906.29                     | 6921.01                                           | 6923.25                               | 2.23                                    | 28.47                   | 13.0                            | 28.0                               |
| OW-55    | 6/30/2020     | ND                           | 15.19                                   | NA                        | 6905.83                     | 6921.01                                           | 6923.25                               | 2.23                                    | 28.47                   | 13.0                            | 28.0                               |
| OW-55    | 9/14/2020     | ND                           | 15.73                                   | NA                        | 6905.29                     | 6921.01                                           | 6923.25                               | 2.23                                    | 22.25                   | 13.0                            | 28.0                               |
| OW-55    | 10/9/2020     | ND                           | 15.47                                   | NA                        | 6905.55                     | 6921.01                                           | 6923.25                               | 2.23                                    | 22.25                   | 13.0                            | 28.0                               |
| OW-55    | 12/7/2020     | ND                           | 15.38                                   | NA                        | 6905.64                     | 6921.01                                           | 6923.25                               | 2.23                                    | 22.25                   | 13.0                            | 28.0                               |
| OW-55    | 2/27/2021     | ND                           | 15.16                                   | NA                        | 6905.86                     | 6921.01                                           | 6923.25                               | 2.23                                    | 22.25                   | 13.0                            | 28.0                               |
| OW-55    | 6/2/2021      | ND                           | 15.59                                   | NA                        | 6905.43                     | 6921.01                                           | 6923.25                               | 2.23                                    | 22.25                   | 13.0                            | 28.0                               |
| OW-55    | 9/23/2021     | ND                           | 16.24                                   | NA                        | 6904.78                     | 6921.01                                           | 6923.25                               | 2.23                                    | 22.25                   | 13.0                            | 28.0                               |
| OW-55    | 12/28/2021    | ND                           | 15.87                                   | NA                        | 6905.15                     | 6921.01                                           | 6923.25                               | 2.23                                    | 22.25                   | 13.0                            | 28.0                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| OW-55    | 3/2/2022      | ND                           | 15.85                                   | NA                        | 6905.17                     | 6921.01                                           | 6923.25                               | 2.23                                    | 28.09                   | 13.0                            | 28.0                               |
| OW-55    | 6/2/2022      | ND                           | 16.27                                   | NA                        | 6904.75                     | 6921.01                                           | 6923.25                               | 2.23                                    | 27.97                   | 13.0                            | 28.0                               |
| OW-55    | 9/7/2022      | ND                           | 16.92                                   | NA                        | 6904.10                     | 6921.01                                           | 6923.25                               | 2.23                                    | 27.97                   | 13.0                            | 28.0                               |
| OW-55    | 10/4/2022     | ND                           | 16.94                                   | NA                        | 6904.08                     | 6921.01                                           | 6923.25                               | 2.23                                    | 27.97                   | 13.0                            | 28.0                               |
| OW-55    | 11/3/2022     | ND                           | 17.54                                   | NA                        | 6903.48                     | 6921.01                                           | 6923.25                               | 2.23                                    | 27.97                   | 13.0                            | 28.0                               |
| OW-55    | 12/6/2022     | ND                           | 16.99                                   | NA                        | 6904.03                     | 6921.01                                           | 6923.25                               | 2.23                                    | 27.97                   | 13.0                            | 28.0                               |
| OW-56    | 3/29/2017     | ND                           | 9.90                                    | NA                        | 6907.89                     | 6917.79                                           | 6920.18                               | 2.39                                    | 16.20                   | 6.0                             | 16.0                               |
| OW-56    | 6/21/2017     | ND                           | 11.14                                   | NA                        | 6906.65                     | 6917.79                                           | 6920.18                               | 2.39                                    | 16.20                   | 6.0                             | 16.0                               |
| OW-56    | 9/11/2017     | ND                           | 12.11                                   | NA                        | 6905.68                     | 6917.79                                           | 6920.18                               | 2.39                                    | 16.20                   | 6.0                             | 16.0                               |
| OW-56    | 12/5/2017     | ND                           | 11.04                                   | NA                        | 6906.75                     | 6917.79                                           | 6920.18                               | 2.39                                    | 16.19                   | 6.0                             | 16.0                               |
| OW-56    | 2/21/2018     | ND                           | 10.45                                   | NA                        | 6907.34                     | 6917.79                                           | 6920.18                               | 2.39                                    | 16.20                   | 6.0                             | 16.0                               |
| OW-56    | 4/26/2018     | ND                           | 10.23                                   | NA                        | 6907.56                     | 6917.79                                           | 6920.18                               | 2.39                                    | 16.20                   | 6.0                             | 16.0                               |
| OW-56    | 8/14/2018     | ND                           | 11.43                                   | NA                        | 6906.36                     | 6917.79                                           | 6920.18                               | 2.39                                    | 16.20                   | 6.0                             | 16.0                               |
| OW-56    | 11/6/2018     | ND                           | 11.66                                   | NA                        | 6906.13                     | 6917.79                                           | 6920.18                               | 2.39                                    | 16.19                   | 6.0                             | 16.0                               |
| OW-56    | 2/6/2019      | ND                           | 10.43                                   | NA                        | 6907.18                     | 6917.79                                           | 6920.18                               | 2.57                                    | 16.02                   | 6.0                             | 16.0                               |
| OW-56    | 5/2/2019      | ND                           | 9.93                                    | NA                        | 6907.68                     | 6917.79                                           | 6920.18                               | 2.57                                    | 16.02                   | 6.0                             | 16.0                               |
| OW-56    | 8/21/2019     | ND                           | 11.09                                   | NA                        | 6906.52                     | 6917.79                                           | 6920.18                               | 2.57                                    | 16.02                   | 6.0                             | 16.0                               |
| OW-56    | 10/15/2019    | ND                           | 11.81                                   | NA                        | 6905.80                     | 6917.79                                           | 6920.18                               | 2.57                                    | 16.01                   | 6.0                             | 16.0                               |
| OW-56    | 3/2/2020      | ND                           | 10.45                                   | NA                        | 6907.16                     | 6917.79                                           | 6920.18                               | 2.57                                    | 16.02                   | 6.0                             | 16.0                               |
| OW-56    | 6/30/2020     | ND                           | 11.76                                   | NA                        | 6905.85                     | 6917.79                                           | 6920.18                               | 2.57                                    | 16.02                   | 6.0                             | 16.0                               |
| OW-56    | 9/14/2020     | ND                           | 11.79                                   | NA                        | 6905.82                     | 6917.79                                           | 6920.18                               | 2.57                                    | 16.01                   | 6.0                             | 16.0                               |
| OW-56    | 11/9/2020     | ND                           | 11.64                                   | NA                        | 6905.97                     | 6917.79                                           | 6920.18                               | 2.57                                    | 16.01                   | 6.0                             | 16.0                               |
| OW-56    | 12/7/2020     | ND                           | 11.16                                   | NA                        | 6906.45                     | 6917.79                                           | 6920.18                               | 2.57                                    | 16.01                   | 6.0                             | 16.0                               |
| OW-56    | 2/27/2021     | ND                           | 10.51                                   | NA                        | 6907.10                     | 6917.79                                           | 6920.18                               | 2.57                                    | 16.04                   | 6.0                             | 16.0                               |
| OW-56    | 6/2/2021      | ND                           | 11.18                                   | NA                        | 6906.43                     | 6917.79                                           | 6920.18                               | 2.57                                    | 16.04                   | 6.0                             | 16.0                               |
| OW-56    | 9/23/2021     | ND                           | 11.81                                   | NA                        | 6905.80                     | 6917.79                                           | 6920.18                               | 2.57                                    | 16.04                   | 6.0                             | 16.0                               |
| OW-56    | 12/22/2021    | ND                           | 10.78                                   | NA                        | 6906.83                     | 6917.79                                           | 6920.18                               | 2.57                                    | 16.04                   | 6.0                             | 16.0                               |
| OW-56    | 3/2/2022      | ND                           | 10.73                                   | NA                        | 6906.88                     | 6917.79                                           | 6920.18                               | 2.57                                    | 16.03                   | 6.0                             | 16.0                               |
| OW-56    | 6/2/2022      | ND                           | 10.83                                   | NA                        | 6906.78                     | 6917.79                                           | 6920.18                               | 2.57                                    | 16.03                   | 6.0                             | 16.0                               |
| OW-56    | 9/2/2022      | ND                           | 11.66                                   | NA                        | 6905.95                     | 6917.79                                           | 6920.18                               | 2.57                                    | 16.01                   | 6.0                             | 16.0                               |
| OW-56    | 10/4/2022     | ND                           | 11.63                                   | NA                        | 6905.98                     | 6917.79                                           | 6920.18                               | 2.57                                    | 16.01                   | 6.0                             | 16.0                               |
| OW-56    | 11/3/2022     | ND                           | 11.61                                   | NA                        | 6906.00                     | 6917.79                                           | 6920.18                               | 2.57                                    | 16.01                   | 6.0                             | 16.0                               |
| OW-56    | 12/6/2022     | ND                           | 11.78                                   | NA                        | 6905.83                     | 6917.79                                           | 6920.18                               | 2.57                                    | 16.03                   | 6.0                             | 16.0                               |
| OW-57    | 3/30/2017     | NA                           | NA                                      | NA                        | NA                          | 6930.64                                           | 6933.10                               | 2.46                                    | 25.89                   | 15.0                            | 25.0                               |
| OW-57    | 6/20/2017     | ND                           | 18.06                                   | NA                        | 6912.58                     | 6930.64                                           | 6933.10                               | 2.46                                    | 25.89                   | 15.0                            | 25.0                               |
| OW-57    | 9/19/2017     | ND                           | 17.69                                   | NA                        | 6912.95                     | 6930.64                                           | 6933.10                               | 2.46                                    | 25.89                   | 15.0                            | 25.0                               |
| OW-57    | 12/5/2017     | ND                           | 17.65                                   | NA                        | 6912.99                     | 6930.64                                           | 6933.10                               | 2.46                                    | 25.89                   | 15.0                            | 25.0                               |
| OW-57    | 2/19/2018     | ND                           | 17.42                                   | NA                        | 6913.22                     | 6930.64                                           | 6933.10                               | 2.46                                    | 25.89                   | 15.0                            | 25.0                               |
| OW-57    | 4/25/2018     | ND                           | 17.56                                   | NA                        | 6913.08                     | 6930.64                                           | 6933.10                               | 2.46                                    | 25.60                   | 15.0                            | 25.0                               |
| OW-57    | 8/15/2018     | ND                           | 17.70                                   | NA                        | 6912.94                     | 6930.64                                           | 6933.10                               | 2.46                                    | 25.61                   | 15.0                            | 25.0                               |
| OW-57    | 11/29/2018    | ND                           | 17.84                                   | NA                        | 6912.80                     | 6930.64                                           | 6933.10                               | 2.46                                    | 25.89                   | 15.0                            | 25.0                               |
| OW-57    | 2/19/2019     | ND                           | 17.83                                   | NA                        | 6912.81                     | 6930.64                                           | 6933.10                               | 2.46                                    | 25.64                   | 15.0                            | 25.0                               |
| OW-57    | 5/15/2019     | ND                           | 17.56                                   | NA                        | 6913.08                     | 6930.64                                           | 6933.10                               | 2.46                                    | 25.64                   | 15.0                            | 25.0                               |
| OW-57    | 8/20/2019     | ND                           | 17.32                                   | NA                        | 6913.32                     | 6930.64                                           | 6933.10                               | 2.46                                    | 25.61                   | 15.0                            | 25.0                               |
| OW-57    | 11/4/2019     | ND                           | 17.51                                   | NA                        | 6913.13                     | 6930.64                                           | 6933.10                               | 2.46                                    | 25.89                   | 15.0                            | 25.0                               |
| OW-57    | 3/4/2020      | ND                           | 17.51                                   | NA                        | 6913.13                     | 6930.64                                           | 6933.10                               | 2.46                                    | 25.64                   | 15.0                            | 25.0                               |
| OW-57    | 6/30/2020     | ND                           | 17.76                                   | NA                        | 6912.88                     | 6930.64                                           | 6933.10                               | 2.46                                    | 25.64                   | 15.0                            | 25.0                               |
| OW-57    | 9/14/2020     | ND                           | 18.04                                   | NA                        | 6912.60                     | 6930.64                                           | 6933.10                               | 2.46                                    | 25.63                   | 15.0                            | 25.0                               |



APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| OW-57    | 11/9/2020     | ND                           | 18.07                                   | NA                        | 6912.57                     | 6930.64                                           | 6933.10                               | 2.46                                    | 25.63                   | 15.0                            | 25.0                               |
| OW-57    | 12/7/2020     | ND                           | 18.18                                   | NA                        | 6912.46                     | 6930.64                                           | 6933.10                               | 2.46                                    | 25.93                   | 15.0                            | 25.0                               |
| OW-57    | 1/28/2021     | ND                           | 18.27                                   | NA                        | 6912.37                     | 6930.64                                           | 6933.10                               | 2.46                                    | 25.93                   | 15.0                            | 25.0                               |
| OW-57    | 2/27/2021     | ND                           | 18.27                                   | NA                        | 6912.37                     | 6930.64                                           | 6933.10                               | 2.46                                    | 25.63                   | 15.0                            | 25.0                               |
| OW-57    | 3/31/2021     | ND                           | 18.52                                   | NA                        | 6912.12                     | 6930.64                                           | 6933.10                               | 2.46                                    | 25.33                   | 15.0                            | 25.0                               |
| OW-57    | 4/26/2021     | ND                           | 18.61                                   | NA                        | 6912.03                     | 6930.64                                           | 6933.10                               | 2.46                                    | 25.03                   | 15.0                            | 25.0                               |
| OW-57    | 5/20/2021     | ND                           | 17.42                                   | NA                        | 6913.22                     | 6930.64                                           | 6933.10                               | 2.46                                    | 24.73                   | 15.0                            | 25.0                               |
| OW-57    | 6/2/2021      | ND                           | 18.57                                   | NA                        | 6912.07                     | 6930.64                                           | 6933.10                               | 2.46                                    | 24.73                   | 15.0                            | 25.0                               |
| OW-57    | 9/9/2021      | ND                           | 19.24                                   | NA                        | 6911.40                     | 6930.64                                           | 6933.10                               | 2.46                                    | 24.73                   | 15.0                            | 25.0                               |
| OW-57    | 12/13/2021    | ND                           | 19.29                                   | NA                        | 6911.35                     | 6930.64                                           | 6933.10                               | 2.46                                    | 24.73                   | 15.0                            | 25.0                               |
| OW-57    | 1/10/2022     | ND                           | 19.17                                   | NA                        | 6911.47                     | 6930.64                                           | 6933.10                               | 2.46                                    | 25.62                   | 15.0                            | 25.0                               |
| OW-57    | 2/28/2022     | ND                           | 19.15                                   | NA                        | 6911.49                     | 6930.64                                           | 6933.10                               | 2.46                                    | 25.62                   | 15.0                            | 25.0                               |
| OW-57    | 3/1/2022      | ND                           | 19.34                                   | NA                        | 6911.30                     | 6930.64                                           | 6933.10                               | 2.46                                    | 25.62                   | 15.0                            | 25.0                               |
| OW-57    | 4/27/2022     | ND                           | 19.69                                   | NA                        | 6910.95                     | 6930.64                                           | 6933.10                               | 2.46                                    | 25.62                   | 15.0                            | 25.0                               |
| OW-57    | 5/5/2022      | ND                           | 19.76                                   | NA                        | 6910.88                     | 6930.64                                           | 6933.10                               | 2.46                                    | 25.62                   | 15.0                            | 25.0                               |
| OW-57    | 6/2/2022      | ND                           | 19.89                                   | NA                        | 6910.75                     | 6930.64                                           | 6933.10                               | 2.46                                    | 25.92                   | 15.0                            | 25.0                               |
| OW-57    | 7/7/2022      | ND                           | 19.58                                   | NA                        | 6911.06                     | 6930.64                                           | 6933.10                               | 2.46                                    | 25.62                   | 15.0                            | 25.0                               |
| OW-57    | 8/9/2022      | ND                           | 19.49                                   | NA                        | 6911.15                     | 6930.64                                           | 6933.10                               | 2.46                                    | 25.62                   | 15.0                            | 25.0                               |
| OW-57    | 9/2/2022      | ND                           | 20.19                                   | NA                        | 6910.45                     | 6930.64                                           | 6933.10                               | 2.46                                    | 25.92                   | 15.0                            | 25.0                               |
| OW-57    | 10/4/2022     | ND                           | 20.17                                   | NA                        | 6910.47                     | 6930.64                                           | 6933.10                               | 2.46                                    | 25.92                   | 15.0                            | 25.0                               |
| OW-57    | 11/3/2022     | ND                           | 20.09                                   | NA                        | 6910.55                     | 6930.64                                           | 6933.10                               | 2.46                                    | 25.92                   | 15.0                            | 25.0                               |
| OW-57    | 12/7/2022     | ND                           | 20.47                                   | NA                        | 6910.17                     | 6930.64                                           | 6933.10                               | 2.46                                    | 25.92                   | 15.0                            | 25.0                               |
| OW-58    | 3/29/2017     | ND                           | 26.21                                   | NA                        | 6908.50                     | 6934.71                                           | 6934.50                               | -0.21                                   | 47.76                   | 38.0                            | 48.0                               |
| OW-58    | 6/21/2017     | ND                           | 25.35                                   | NA                        | 6909.36                     | 6934.71                                           | 6934.50                               | -0.21                                   | 47.76                   | 38.0                            | 48.0                               |
| OW-58    | 9/19/2017     | ND                           | 25.25                                   | NA                        | 6909.46                     | 6934.71                                           | 6934.50                               | -0.21                                   | 47.76                   | 38.0                            | 48.0                               |
| OW-58    | 12/6/2017     | ND                           | 24.88                                   | NA                        | 6909.83                     | 6934.71                                           | 6934.50                               | -0.21                                   | 47.71                   | 38.0                            | 48.0                               |
| OW-58    | 2/20/2018     | ND                           | 24.73                                   | NA                        | 6909.98                     | 6934.71                                           | 6934.50                               | -0.21                                   | 47.83                   | 38.0                            | 48.0                               |
| OW-58    | 4/25/2018     | ND                           | 24.46                                   | NA                        | 6910.25                     | 6934.71                                           | 6934.50                               | -0.21                                   | 47.71                   | 38.0                            | 48.0                               |
| OW-58    | 8/16/2018     | ND                           | 24.69                                   | NA                        | 6910.02                     | 6934.71                                           | 6934.50                               | -0.21                                   | 47.70                   | 38.0                            | 48.0                               |
| OW-58    | 11/29/2018    | ND                           | 24.48                                   | NA                        | 6910.23                     | 6934.71                                           | 6934.50                               | -0.21                                   | 47.71                   | 38.0                            | 48.0                               |
| OW-58    | 3/28/2019     | ND                           | 24.49                                   | NA                        | 6910.22                     | 6934.71                                           | 6934.50                               | -0.21                                   | 47.51                   | 38.0                            | 48.0                               |
| OW-58    | 6/5/2019      | ND                           | 24.30                                   | NA                        | 6910.41                     | 6934.71                                           | 6934.50                               | -0.21                                   | 47.51                   | 38.0                            | 48.0                               |
| OW-58    | 8/20/2019     | ND                           | 24.21                                   | NA                        | 6910.50                     | 6934.71                                           | 6934.50                               | -0.21                                   | 47.70                   | 38.0                            | 48.0                               |
| OW-58    | 11/18/2019    | ND                           | 24.20                                   | NA                        | 6910.51                     | 6934.71                                           | 6934.50                               | -0.21                                   | 47.71                   | 38.0                            | 48.0                               |
| OW-58    | 6/30/2020     | ND                           | 24.33                                   | NA                        | 6910.38                     | 6934.71                                           | 6934.50                               | -0.21                                   | 47.71                   | 38.0                            | 48.0                               |
| OW-58    | 9/14/2020     | ND                           | 24.66                                   | NA                        | 6910.05                     | 6934.71                                           | 6934.50                               | -0.21                                   | 48.21                   | 38.0                            | 48.0                               |
| OW-58    | 11/9/2020     | ND                           | 23.52                                   | NA                        | 6911.19                     | 6934.71                                           | 6934.50                               | -0.21                                   | 48.21                   | 38.0                            | 48.0                               |
| OW-58    | 12/8/2020     | ND                           | 24.53                                   | NA                        | 6910.18                     | 6934.71                                           | 6934.50                               | -0.21                                   | 48.16                   | 38.0                            | 48.0                               |
| OW-58    | 1/28/2021     | ND                           | 24.50                                   | NA                        | 6910.21                     | 6934.71                                           | 6934.50                               | -0.21                                   | 48.16                   | 38.0                            | 48.0                               |
| OW-58    | 2/28/2021     | ND                           | 24.36                                   | NA                        | 6910.35                     | 6934.71                                           | 6934.50                               | -0.21                                   | 48.16                   | 38.0                            | 48.0                               |
| OW-58    | 3/31/2021     | ND                           | 24.61                                   | NA                        | 6910.10                     | 6934.71                                           | 6934.50                               | -0.21                                   | 48.16                   | 38.0                            | 48.0                               |
| OW-58    | 4/26/2021     | ND                           | 25.04                                   | NA                        | 6909.67                     | 6934.71                                           | 6934.50                               | -0.21                                   | 48.16                   | 38.0                            | 48.0                               |
| OW-58    | 5/20/2021     | ND                           | 23.54                                   | NA                        | 6911.17                     | 6934.71                                           | 6934.50                               | -0.21                                   | 48.16                   | 38.0                            | 48.0                               |
| OW-58    | 6/2/2021      | ND                           | 24.84                                   | NA                        | 6909.87                     | 6934.71                                           | 6934.50                               | -0.21                                   | 48.16                   | 38.0                            | 48.0                               |
| OW-58    | 9/9/2021      | ND                           | 25.41                                   | NA                        | 6909.30                     | 6934.71                                           | 6934.50                               | -0.21                                   | 48.16                   | 38.0                            | 48.0                               |
| OW-58    | 12/13/2021    | ND                           | 25.42                                   | NA                        | 6909.29                     | 6934.71                                           | 6934.50                               | -0.21                                   | 48.16                   | 38.0                            | 48.0                               |
| OW-58    | 1/10/2022     | ND                           | 25.18                                   | NA                        | 6909.53                     | 6934.71                                           | 6934.50                               | -0.21                                   | 48.16                   | 38.0                            | 48.0                               |
| OW-58    | 2/28/2022     | ND                           | 25.21                                   | NA                        | 6909.50                     | 6934.71                                           | 6934.50                               | -0.21                                   | 48.16                   | 38.0                            | 48.0                               |



APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| OW-58    | 3/1/2022      | ND                           | 25.51                                   | NA                        | 6909.20                     | 6934.71                                           | 6934.50                               | -0.21                                   | 47.69                   | 38.0                            | 48.0                               |
| OW-58    | 4/27/2022     | ND                           | 25.65                                   | NA                        | 6909.06                     | 6934.71                                           | 6934.50                               | -0.21                                   | 48.16                   | 38.0                            | 48.0                               |
| OW-58    | 5/5/2022      | ND                           | 25.82                                   | NA                        | 6908.89                     | 6934.71                                           | 6934.50                               | -0.21                                   | 48.16                   | 38.0                            | 48.0                               |
| OW-58    | 6/2/2022      | ND                           | 26.01                                   | NA                        | 6908.70                     | 6934.71                                           | 6934.50                               | -0.21                                   | 47.68                   | 38.0                            | 48.0                               |
| OW-58    | 7/7/2022      | ND                           | 24.64                                   | NA                        | 6910.07                     | 6934.71                                           | 6934.50                               | -0.21                                   | 48.16                   | 38.0                            | 48.0                               |
| OW-58    | 8/9/2022      | ND                           | 25.52                                   | NA                        | 6909.19                     | 6934.71                                           | 6934.50                               | -0.21                                   | 48.16                   | 38.0                            | 48.0                               |
| OW-58    | 9/2/2022      | ND                           | 26.06                                   | NA                        | 6908.65                     | 6934.71                                           | 6934.50                               | -0.21                                   | 47.68                   | 38.0                            | 48.0                               |
| OW-58    | 10/4/2022     | ND                           | 26.13                                   | NA                        | 6908.58                     | 6934.71                                           | 6934.50                               | -0.21                                   | 47.68                   | 38.0                            | 48.0                               |
| OW-58    | 11/3/2022     | ND                           | 26.19                                   | NA                        | 6908.52                     | 6934.71                                           | 6934.50                               | -0.21                                   | 47.68                   | 38.0                            | 48.0                               |
| OW-58    | 12/6/2022     | ND                           | 26.26                                   | NA                        | 6908.45                     | 6934.71                                           | 6934.50                               | -0.21                                   | 47.68                   | 38.0                            | 48.0                               |
| OW-58A   | 3/5/2020      | ND                           | 23.23                                   | NA                        | 6909.75                     | 6932.98                                           | 6935.88                               | 2.90                                    | 33.10                   | 13.0                            | 33.0                               |
| OW-58A   | 6/30/2020     | ND                           | 23.60                                   | NA                        | 6909.38                     | 6932.98                                           | 6935.88                               | 2.90                                    | 44.40                   | 13.0                            | 33.0                               |
| OW-58A   | 9/15/2020     | ND                           | 23.97                                   | NA                        | 6909.01                     | 6932.98                                           | 6935.88                               | 2.90                                    | 33.10                   | 13.0                            | 33.0                               |
| OW-58A   | 11/9/2020     | ND                           | 21.41                                   | NA                        | 6911.57                     | 6932.98                                           | 6935.88                               | 2.90                                    | 34.01                   | 13.0                            | 33.0                               |
| OW-58A   | 12/8/2020     | ND                           | 23.81                                   | NA                        | 6909.17                     | 6932.98                                           | 6935.88                               | 2.90                                    | 33.48                   | 13.0                            | 33.0                               |
| OW-58A   | 1/28/2021     | ND                           | 23.76                                   | NA                        | 6909.22                     | 6932.98                                           | 6935.88                               | 2.90                                    | 33.48                   | 13.0                            | 33.0                               |
| OW-58A   | 2/28/2021     | ND                           | 23.61                                   | NA                        | 6909.37                     | 6932.98                                           | 6935.88                               | 2.90                                    | 33.60                   | 13.0                            | 33.0                               |
| OW-58A   | 3/31/2021     | ND                           | 23.88                                   | NA                        | 6909.10                     | 6932.98                                           | 6935.88                               | 2.90                                    | 33.72                   | 13.0                            | 33.0                               |
| OW-58A   | 4/26/2021     | ND                           | 24.11                                   | NA                        | 6908.87                     | 6932.98                                           | 6935.88                               | 2.90                                    | 33.84                   | 13.0                            | 33.0                               |
| OW-58A   | 5/20/2021     | ND                           | 23.41                                   | NA                        | 6909.57                     | 6932.98                                           | 6935.88                               | 2.90                                    | 33.96                   | 13.0                            | 33.0                               |
| OW-58A   | 6/2/2021      | ND                           | 23.73                                   | NA                        | 6909.25                     | 6932.98                                           | 6935.88                               | 2.90                                    | 33.96                   | 13.0                            | 33.0                               |
| OW-58A   | 9/9/2021      | ND                           | 24.70                                   | NA                        | 6908.28                     | 6932.98                                           | 6935.88                               | 2.90                                    | 33.96                   | 13.0                            | 33.0                               |
| OW-58A   | 12/13/2021    | ND                           | 24.65                                   | NA                        | 6908.33                     | 6932.98                                           | 6935.88                               | 2.90                                    | 33.96                   | 13.0                            | 33.0                               |
| OW-58A   | 1/10/2022     | ND                           | 24.43                                   | NA                        | 6908.55                     | 6932.98                                           | 6935.88                               | 2.90                                    | 33.50                   | 13.0                            | 33.0                               |
| OW-58A   | 2/28/2022     | ND                           | 24.40                                   | NA                        | 6908.58                     | 6932.98                                           | 6935.88                               | 2.90                                    | 33.50                   | 13.0                            | 33.0                               |
| OW-58A   | 3/1/2022      | ND                           | 24.60                                   | NA                        | 6908.38                     | 6932.98                                           | 6935.88                               | 2.90                                    | 33.65                   | 13.0                            | 33.0                               |
| OW-58A   | 4/27/2022     | ND                           | 25.24                                   | NA                        | 6907.74                     | 6932.98                                           | 6935.88                               | 2.90                                    | 33.45                   | 13.0                            | 33.0                               |
| OW-58A   | 5/5/2022      | ND                           | 25.23                                   | NA                        | 6907.75                     | 6932.98                                           | 6935.88                               | 2.90                                    | 33.45                   | 13.0                            | 33.0                               |
| OW-58A   | 6/2/2022      | ND                           | 25.30                                   | NA                        | 6907.68                     | 6932.98                                           | 6935.88                               | 2.90                                    | 33.45                   | 13.0                            | 33.0                               |
| OW-58A   | 7/7/2022      | ND                           | 23.30                                   | NA                        | 6909.68                     | 6932.98                                           | 6935.88                               | 2.90                                    | 33.45                   | 13.0                            | 33.0                               |
| OW-58A   | 8/9/2022      | ND                           | 23.43                                   | NA                        | 6909.55                     | 6932.98                                           | 6935.88                               | 2.90                                    | 33.45                   | 13.0                            | 33.0                               |
| OW-58A   | 9/2/2022      | ND                           | 25.30                                   | NA                        | 6907.68                     | 6932.98                                           | 6935.88                               | 2.90                                    | 33.45                   | 13.0                            | 33.0                               |
| OW-58A   | 10/4/2022     | ND                           | 25.27                                   | NA                        | 6907.71                     | 6932.98                                           | 6935.88                               | 2.90                                    | 33.45                   | 13.0                            | 33.0                               |
| OW-58A   | 11/3/2022     | ND                           | 25.05                                   | NA                        | 6907.93                     | 6932.98                                           | 6935.88                               | 2.90                                    | 33.45                   | 13.0                            | 33.0                               |
| OW-58A   | 12/16/2022    | 25.65                        | 27.01                                   | 1.36                      | 6905.97                     | 6932.98                                           | 6935.88                               | 2.90                                    | 33.45                   | 13.0                            | 33.0                               |
| OW-59    | 9/21/2017     | ND                           | 22.20                                   | NA                        | 6865.43                     | 6887.63                                           | 6889.73                               | 2.10                                    | 36.20                   | 20.0                            | 35.0                               |
| OW-59    | 12/5/2017     | ND                           | 22.20                                   | NA                        | 6865.43                     | 6887.63                                           | 6889.73                               | 2.10                                    | 36.40                   | 20.0                            | 35.0                               |
| OW-59    | 2/21/2018     | ND                           | 21.90                                   | NA                        | 6865.73                     | 6887.63                                           | 6889.73                               | 2.10                                    | 36.45                   | 20.0                            | 35.0                               |
| OW-59    | 4/26/2018     | ND                           | 21.95                                   | NA                        | 6865.68                     | 6887.63                                           | 6889.73                               | 2.10                                    | 36.38                   | 20.0                            | 35.0                               |
| OW-59    | 8/14/2018     | ND                           | 22.03                                   | NA                        | 6865.60                     | 6887.63                                           | 6889.73                               | 2.10                                    | 36.42                   | 20.0                            | 35.0                               |
| OW-59    | 11/6/2018     | ND                           | 21.80                                   | NA                        | 6865.83                     | 6887.63                                           | 6889.73                               | 2.10                                    | 36.40                   | 20.0                            | 35.0                               |
| OW-59    | 2/13/2019     | ND                           | 21.64                                   | NA                        | 6865.83                     | 6887.63                                           | 6889.73                               | 2.26                                    | 36.04                   | 20.0                            | 35.0                               |
| OW-59    | 5/2/2019      | ND                           | 21.54                                   | NA                        | 6865.93                     | 6887.63                                           | 6889.73                               | 2.26                                    | 36.04                   | 20.0                            | 35.0                               |
| OW-59    | 8/21/2019     | ND                           | 21.76                                   | NA                        | 6865.71                     | 6887.63                                           | 6889.73                               | 2.26                                    | 36.26                   | 20.0                            | 35.0                               |
| OW-59    | 10/15/2019    | ND                           | 21.85                                   | NA                        | 6865.62                     | 6887.63                                           | 6889.73                               | 2.26                                    | 36.24                   | 20.0                            | 35.0                               |
| OW-59    | 3/3/2020      | ND                           | 21.27                                   | NA                        | 6866.20                     | 6887.63                                           | 6889.73                               | 2.26                                    | 36.24                   | 20.0                            | 35.0                               |
| OW-59    | 6/30/2020     | ND                           | 21.41                                   | NA                        | 6866.06                     | 6887.63                                           | 6889.73                               | 2.26                                    | 36.04                   | 20.0                            | 35.0                               |
| OW-59    | 9/14/2020     | ND                           | 21.80                                   | NA                        | 6865.67                     | 6887.63                                           | 6889.73                               | 2.26                                    | 36.26                   | 20.0                            | 35.0                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| OW-59    | 12/7/2020     | ND                           | 21.65                                   | NA                        | 6865.82                     | 6887.63                                           | 6889.73                               | 2.26                                    | 36.29                   | 20.0                            | 35.0                               |
| OW-59    | 2/27/2021     | ND                           | 21.38                                   | NA                        | 6866.09                     | 6887.63                                           | 6889.73                               | 2.26                                    | 36.34                   | 20.0                            | 35.0                               |
| OW-59    | 6/2/2021      | ND                           | 21.44                                   | NA                        | 6866.03                     | 6887.63                                           | 6889.73                               | 2.26                                    | 36.34                   | 20.0                            | 35.0                               |
| OW-59    | 9/8/2021      | ND                           | 21.74                                   | NA                        | 6865.73                     | 6887.63                                           | 6889.73                               | 2.26                                    | 36.34                   | 20.0                            | 35.0                               |
| OW-59    | 12/22/2021    | ND                           | 21.59                                   | NA                        | 6865.88                     | 6887.63                                           | 6889.73                               | 2.26                                    | 36.34                   | 20.0                            | 35.0                               |
| OW-59    | 3/2/2022      | ND                           | 21.67                                   | NA                        | 6865.80                     | 6887.63                                           | 6889.73                               | 2.26                                    | 36.34                   | 20.0                            | 35.0                               |
| OW-59    | 6/2/2022      | ND                           | 21.58                                   | NA                        | 6865.89                     | 6887.63                                           | 6889.73                               | 2.26                                    | 36.34                   | 20.0                            | 35.0                               |
| OW-59    | 9/2/2022      | ND                           | 21.84                                   | NA                        | 6865.63                     | 6887.63                                           | 6889.73                               | 2.26                                    | 36.34                   | 20.0                            | 35.0                               |
| OW-59    | 10/4/2022     | ND                           | 21.83                                   | NA                        | 6865.64                     | 6887.63                                           | 6889.73                               | 2.26                                    | 36.34                   | 20.0                            | 35.0                               |
| OW-59    | 11/3/2022     | ND                           | 21.94                                   | NA                        | 6865.53                     | 6887.63                                           | 6889.73                               | 2.26                                    | 36.34                   | 20.0                            | 35.0                               |
| OW-59    | 12/28/2022    | ND                           | 21.86                                   | NA                        | 6865.61                     | 6887.63                                           | 6889.73                               | 2.26                                    | 36.34                   | 20.0                            | 35.0                               |
| OW-60    | 9/21/2017     | ND                           | 14.00                                   | NA                        | 6877.06                     | 6891.06                                           | 6893.51                               | 2.45                                    | 43.10                   | 25.0                            | 45.0                               |
| OW-60    | 12/5/2017     | ND                           | 13.95                                   | NA                        | 6877.11                     | 6891.06                                           | 6893.51                               | 2.45                                    | 43.25                   | 25.0                            | 45.0                               |
| OW-60    | 2/21/2018     | ND                           | 13.81                                   | NA                        | 6877.25                     | 6891.06                                           | 6893.51                               | 2.45                                    | 43.61                   | 25.0                            | 45.0                               |
| OW-60    | 4/26/2018     | ND                           | 14.07                                   | NA                        | 6876.99                     | 6891.06                                           | 6893.51                               | 2.45                                    | 43.70                   | 25.0                            | 45.0                               |
| OW-60    | 8/14/2018     | ND                           | 14.07                                   | NA                        | 6876.99                     | 6891.06                                           | 6893.51                               | 2.45                                    | 43.97                   | 25.0                            | 45.0                               |
| OW-60    | 11/6/2018     | ND                           | 13.80                                   | NA                        | 6877.26                     | 6891.06                                           | 6893.51                               | 2.45                                    | 43.25                   | 25.0                            | 45.0                               |
| OW-60    | 2/13/2019     | ND                           | 13.86                                   | NA                        | 6877.08                     | 6891.06                                           | 6893.51                               | 2.57                                    | 42.93                   | 25.0                            | 45.0                               |
| OW-60    | 5/2/2019      | ND                           | 13.98                                   | NA                        | 6876.96                     | 6891.06                                           | 6893.51                               | 2.57                                    | 42.93                   | 25.0                            | 45.0                               |
| OW-60    | 8/21/2019     | ND                           | 13.96                                   | NA                        | 6876.98                     | 6891.06                                           | 6893.51                               | 2.57                                    | 43.85                   | 25.0                            | 45.0                               |
| OW-60    | 10/15/2019    | ND                           | 13.84                                   | NA                        | 6877.10                     | 6891.06                                           | 6893.51                               | 2.57                                    | 43.13                   | 25.0                            | 45.0                               |
| OW-60    | 3/3/2020      | ND                           | 13.57                                   | NA                        | 6877.37                     | 6891.06                                           | 6893.51                               | 2.57                                    | 42.93                   | 25.0                            | 45.0                               |
| OW-60    | 6/30/2020     | ND                           | 13.93                                   | NA                        | 6877.01                     | 6891.06                                           | 6893.51                               | 2.57                                    | 42.93                   | 25.0                            | 45.0                               |
| OW-60    | 9/14/2020     | ND                           | 14.00                                   | NA                        | 6876.94                     | 6891.06                                           | 6893.51                               | 2.57                                    | 43.13                   | 25.0                            | 45.0                               |
| OW-60    | 11/9/2020     | ND                           | 13.78                                   | NA                        | 6877.16                     | 6891.06                                           | 6893.51                               | 2.57                                    | 43.13                   | 25.0                            | 45.0                               |
| OW-60    | 12/7/2020     | ND                           | 13.98                                   | NA                        | 6876.96                     | 6891.06                                           | 6893.51                               | 2.57                                    | 43.13                   | 25.0                            | 45.0                               |
| OW-60    | 1/28/2021     | ND                           | 13.88                                   | NA                        | 6877.06                     | 6891.06                                           | 6893.51                               | 2.57                                    | 43.13                   | 25.0                            | 45.0                               |
| OW-60    | 2/27/2021     | ND                           | 13.90                                   | NA                        | 6877.04                     | 6891.06                                           | 6893.51                               | 2.57                                    | 43.13                   | 25.0                            | 45.0                               |
| OW-60    | 6/2/2021      | ND                           | 14.09                                   | NA                        | 6876.85                     | 6891.06                                           | 6893.51                               | 2.57                                    | 43.13                   | 25.0                            | 45.0                               |
| OW-60    | 9/29/2021     | ND                           | 15.79                                   | NA                        | 6875.15                     | 6891.06                                           | 6893.51                               | 2.57                                    | 43.13                   | 25.0                            | 45.0                               |
| OW-60    | 12/1/2021     | ND                           | 14.18                                   | NA                        | 6876.76                     | 6891.06                                           | 6893.51                               | 2.57                                    | 43.13                   | 25.0                            | 45.0                               |
| OW-60    | 3/2/2022      | ND                           | 14.15                                   | NA                        | 6876.79                     | 6891.06                                           | 6893.51                               | 2.57                                    | 41.20                   | 25.0                            | 45.0                               |
| OW-60    | 6/2/2022      | ND                           | 13.97                                   | NA                        | 6876.97                     | 6891.06                                           | 6893.51                               | 2.57                                    | 44.25                   | 25.0                            | 45.0                               |
| OW-60    | 9/2/2022      | ND                           | 14.37                                   | NA                        | 6876.57                     | 6891.06                                           | 6893.51                               | 2.57                                    | 44.28                   | 25.0                            | 45.0                               |
| OW-60    | 10/4/2022     | ND                           | 14.33                                   | NA                        | 6876.61                     | 6891.06                                           | 6893.51                               | 2.57                                    | 44.28                   | 25.0                            | 45.0                               |
| OW-60    | 11/3/2022     | ND                           | 14.46                                   | NA                        | 6876.48                     | 6891.06                                           | 6893.51                               | 2.57                                    | 44.28                   | 25.0                            | 45.0                               |
| OW-60    | 12/28/2022    | ND                           | 14.46                                   | NA                        | 6876.48                     | 6891.06                                           | 6893.51                               | 2.57                                    | 44.28                   | 25.0                            | 45.0                               |
| OW-61    | 3/21/2018     | 14.05                        | 14.14                                   | 0.09                      | NA                          | 6960.91                                           | NA                                    | 2.66                                    | 29.02                   | 8.0                             | 28.0                               |
| OW-61    | 4/24/2018     | 14.56                        | 15.38                                   | 0.82                      | NA                          | 6960.91                                           | NA                                    | 2.66                                    | 29.01                   | 8.0                             | 28.0                               |
| OW-61    | 8/16/2018     | 14.74                        | 19.44                                   | 4.70                      | NA                          | 6960.91                                           | NA                                    | 2.66                                    | 29.04                   | 8.0                             | 28.0                               |
| OW-61    | 11/29/2018    | 15.29                        | 19.34                                   | 4.05                      | NA                          | 6960.91                                           | NA                                    | 2.66                                    | 29.34                   | 8.0                             | 28.0                               |
| OW-61    | 2/19/2019     | 15.41                        | 19.50                                   | 4.09                      | NA                          | 6960.91                                           | NA                                    | 2.59                                    | 29.41                   | 8.0                             | 28.0                               |
| OW-61    | 5/15/2019     | 15.03                        | 18.54                                   | 3.51                      | NA                          | 6960.91                                           | NA                                    | 2.59                                    | 29.41                   | 8.0                             | 28.0                               |
| OW-61    | 8/20/2019     | 14.83                        | 17.56                                   | 2.73                      | NA                          | 6960.91                                           | NA                                    | 2.59                                    | 29.11                   | 8.0                             | 28.0                               |
| OW-61    | 11/4/2019     | 14.95                        | 18.04                                   | 3.09                      | NA                          | 6960.91                                           | NA                                    | 2.59                                    | 29.41                   | 8.0                             | 28.0                               |
| OW-61    | 3/4/2020      | 15.69                        | 18.50                                   | 2.81                      | 6942.48                     | 6960.91                                           | 6963.57                               | 2.59                                    | 29.41                   | 8.0                             | 28.0                               |
| OW-61    | 6/29/2020     | 14.58                        | 15.45                                   | 0.87                      | 6945.53                     | 6960.91                                           | 6963.57                               | 2.59                                    | 29.41                   | 8.0                             | 28.0                               |
| OW-61    | 9/15/2020     | 14.29                        | 16.81                                   | 2.52                      | 6944.17                     | 6960.91                                           | 6963.57                               | 2.59                                    | 29.26                   | 8.0                             | 28.0                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| OW-61    | 11/9/2020     | 15.63                        | 16.99                                   | 1.36                      | 6943.99                     | 6960.91                                           | 6963.57                               | 2.59                                    | 29.26                   | 8.0                             | 28.0                               |
| OW-61    | 12/8/2020     | 15.81                        | 17.71                                   | 1.90                      | 6943.27                     | 6960.91                                           | 6963.57                               | 2.59                                    | 28.74                   | 8.0                             | 28.0                               |
| OW-61    | 1/28/2021     | 16.54                        | 17.19                                   | 0.65                      | 6943.79                     | 6960.91                                           | 6963.57                               | 2.59                                    | 28.22                   | 8.0                             | 28.0                               |
| OW-61    | 2/27/2021     | 16.30                        | 17.51                                   | 1.21                      | 6943.47                     | 6960.91                                           | 6963.57                               | 2.59                                    | 29.24                   | 8.0                             | 28.0                               |
| OW-61    | 3/31/2021     | 16.23                        | 18.69                                   | 2.46                      | 6942.29                     | 6960.91                                           | 6963.57                               | 2.59                                    | 30.26                   | 8.0                             | 28.0                               |
| OW-61    | 4/26/2021     | 16.34                        | 18.84                                   | 2.50                      | 6942.14                     | 6960.91                                           | 6963.57                               | 2.59                                    | 31.28                   | 8.0                             | 28.0                               |
| OW-61    | 5/20/2021     | 16.52                        | 19.36                                   | 2.84                      | 6941.62                     | 6960.91                                           | 6963.57                               | 2.59                                    | 32.30                   | 8.0                             | 28.0                               |
| OW-61    | 6/2/2021      | 16.03                        | 18.30                                   | 2.27                      | 6942.68                     | 6960.91                                           | 6963.57                               | 2.59                                    | 32.30                   | 8.0                             | 28.0                               |
| OW-61    | 9/7/2021      | 17.77                        | 21.19                                   | 3.42                      | 6939.79                     | 6960.91                                           | 6963.57                               | 2.59                                    | 32.30                   | 8.0                             | 28.0                               |
| OW-61    | 12/2/2021     | 19.10                        | 19.79                                   | 0.69                      | 6941.19                     | 6960.91                                           | 6963.57                               | 2.59                                    | 32.30                   | 8.0                             | 28.0                               |
| OW-61    | 1/10/2022     | 20.39                        | 20.61                                   | 0.22                      | 6940.37                     | 6960.91                                           | 6963.57                               | 2.59                                    | 32.28                   | 8.0                             | 28.0                               |
| OW-61    | 2/28/2022     | 20.43                        | 20.61                                   | 0.18                      | 6940.37                     | 6960.91                                           | 6963.57                               | 2.59                                    | 32.28                   | 8.0                             | 28.0                               |
| OW-61    | 3/2/2022      | 19.11                        | 19.81                                   | 0.70                      | 6941.17                     | 6960.91                                           | 6963.57                               | 2.59                                    | 32.27                   | 8.0                             | 28.0                               |
| OW-61    | 4/27/2022     | 19.54                        | 20.46                                   | 0.92                      | 6940.52                     | 6960.91                                           | 6963.57                               | 2.59                                    | 32.28                   | 8.0                             | 28.0                               |
| OW-61    | 5/9/2022      | 21.91                        | 22.53                                   | 0.62                      | 6938.45                     | 6960.91                                           | 6963.57                               | 2.59                                    | 32.28                   | 8.0                             | 28.0                               |
| OW-61    | 6/2/2022      | 22.09                        | 22.80                                   | 0.71                      | 6938.18                     | 6960.91                                           | 6963.57                               | 2.59                                    | 32.27                   | 8.0                             | 28.0                               |
| OW-61    | 7/7/2022      | 22.05                        | 23.34                                   | 1.29                      | 6937.64                     | 6960.91                                           | 6963.57                               | 2.59                                    | 32.28                   | 8.0                             | 28.0                               |
| OW-61    | 8/9/2022      | 21.83                        | 23.18                                   | 1.35                      | 6937.80                     | 6960.91                                           | 6963.57                               | 2.59                                    | 32.28                   | 8.0                             | 28.0                               |
| OW-61    | 9/2/2022      | 21.73                        | 23.19                                   | 1.46                      | 6937.79                     | 6960.91                                           | 6963.57                               | 2.59                                    | 32.28                   | 8.0                             | 28.0                               |
| OW-61    | 10/4/2022     | 21.64                        | 23.20                                   | 1.56                      | 6937.78                     | 6960.91                                           | 6963.57                               | 2.59                                    | 32.28                   | 8.0                             | 28.0                               |
| OW-61    | 11/3/2022     | 21.41                        | 23.20                                   | 1.79                      | 6937.78                     | 6960.91                                           | 6963.57                               | 2.59                                    | 32.28                   | 8.0                             | 28.0                               |
| OW-61    | 12/6/2022     | 22.39                        | 23.55                                   | 1.16                      | 6937.43                     | 6960.91                                           | 6963.57                               | 2.59                                    | 32.28                   | 8.0                             | 28.0                               |
| OW-62    | 3/21/2018     | ND                           | 20.30                                   | NA                        | 6914.43                     | 6934.73                                           | 6937.36                               | 2.63                                    | 28.94                   | 8.0                             | 28.0                               |
| OW-62    | 4/24/2018     | ND                           | 20.51                                   | NA                        | 6914.22                     | 6934.73                                           | 6937.36                               | 2.63                                    | 28.95                   | 8.0                             | 28.0                               |
| OW-62    | 8/15/2018     | ND                           | 21.07                                   | NA                        | 6913.66                     | 6934.73                                           | 6937.36                               | 2.63                                    | 28.96                   | 8.0                             | 28.0                               |
| OW-62    | 11/29/2018    | ND                           | 21.36                                   | NA                        | 6913.37                     | 6934.73                                           | 6937.36                               | 2.63                                    | 28.96                   | 8.0                             | 28.0                               |
| OW-62    | 2/19/2019     | 20.87                        | 22.07                                   | 1.20                      | 6912.41                     | 6934.73                                           | 6937.36                               | 2.88                                    | 28.59                   | 8.0                             | 28.0                               |
| OW-62    | 5/15/2019     | 20.52                        | 21.12                                   | 0.60                      | 6913.36                     | 6934.73                                           | 6937.36                               | 2.88                                    | 28.59                   | 8.0                             | 28.0                               |
| OW-62    | 8/20/2019     | 20.98                        | 21.41                                   | 0.43                      | 6913.07                     | 6934.73                                           | 6937.36                               | 2.88                                    | 28.59                   | 8.0                             | 28.0                               |
| OW-62    | 11/18/2019    | 20.84                        | 21.46                                   | 0.62                      | 6913.02                     | 6934.73                                           | 6937.36                               | 2.88                                    | 28.59                   | 8.0                             | 28.0                               |
| OW-62    | 3/10/2020     | 20.70                        | 21.28                                   | 0.58                      | 6913.20                     | 6934.73                                           | 6937.36                               | 2.88                                    | 28.59                   | 8.0                             | 28.0                               |
| OW-62    | 6/30/2020     | 20.74                        | 21.03                                   | 0.29                      | 6913.45                     | 6934.73                                           | 6937.36                               | 2.88                                    | 28.59                   | 8.0                             | 28.0                               |
| OW-62    | 9/15/2020     | 20.74                        | 20.99                                   | 0.25                      | 6913.49                     | 6934.73                                           | 6937.36                               | 2.88                                    | 29.17                   | 8.0                             | 28.0                               |
| OW-62    | 11/9/2020     | 20.82                        | 21.12                                   | 0.30                      | 6913.36                     | 6934.73                                           | 6937.36                               | 2.88                                    | 29.17                   | 8.0                             | 28.0                               |
| OW-62    | 12/8/2020     | 20.81                        | 21.10                                   | 0.29                      | 6913.38                     | 6934.73                                           | 6937.36                               | 2.88                                    | 28.78                   | 8.0                             | 28.0                               |
| OW-62    | 1/28/2021     | 20.87                        | 21.17                                   | 0.30                      | 6913.31                     | 6934.73                                           | 6937.36                               | 2.88                                    | 28.39                   | 8.0                             | 28.0                               |
| OW-62    | 2/27/2021     | 20.94                        | 21.27                                   | 0.33                      | 6913.21                     | 6934.73                                           | 6937.36                               | 2.88                                    | 28.79                   | 8.0                             | 28.0                               |
| OW-62    | 3/31/2021     | 20.97                        | 21.28                                   | 0.31                      | 6913.20                     | 6934.73                                           | 6937.36                               | 2.88                                    | 29.19                   | 8.0                             | 28.0                               |
| OW-62    | 4/26/2021     | 21.05                        | 21.22                                   | 0.17                      | 6913.26                     | 6934.73                                           | 6937.36                               | 2.88                                    | 29.59                   | 8.0                             | 28.0                               |
| OW-62    | 5/20/2021     | 20.92                        | 21.56                                   | 0.64                      | 6912.92                     | 6934.73                                           | 6937.36                               | 2.88                                    | 29.99                   | 8.0                             | 28.0                               |
| OW-62    | 6/2/2021      | 20.09                        | 20.34                                   | 0.25                      | 6914.14                     | 6934.73                                           | 6937.36                               | 2.88                                    | 29.99                   | 8.0                             | 28.0                               |
| OW-62    | 9/9/2021      | 20.57                        | 20.78                                   | 0.21                      | 6913.70                     | 6934.73                                           | 6937.36                               | 2.88                                    | 29.99                   | 8.0                             | 28.0                               |
| OW-62    | 12/9/2021     | 20.92                        | 21.26                                   | 0.34                      | 6913.22                     | 6934.73                                           | 6937.36                               | 2.88                                    | 29.99                   | 8.0                             | 28.0                               |
| OW-62    | 1/10/2022     | 20.10                        | 20.67                                   | 0.57                      | 6913.81                     | 6934.73                                           | 6937.36                               | 2.88                                    | 29.92                   | 8.0                             | 28.0                               |
| OW-62    | 2/28/2022     | 20.14                        | 20.57                                   | 0.43                      | 6913.91                     | 6934.73                                           | 6937.36                               | 2.88                                    | 29.92                   | 8.0                             | 28.0                               |
| OW-62    | 3/2/2022      | 20.89                        | 21.27                                   | 0.38                      | 6913.21                     | 6934.73                                           | 6937.36                               | 2.88                                    | 29.90                   | 8.0                             | 28.0                               |
| OW-62    | 4/27/2022     | 21.31                        | 21.64                                   | 0.33                      | 6912.84                     | 6934.73                                           | 6937.36                               | 2.88                                    | 29.92                   | 8.0                             | 28.0                               |
| OW-62    | 5/9/2022      | 21.11                        | 21.45                                   | 0.34                      | 6913.03                     | 6934.73                                           | 6937.36                               | 2.88                                    | 29.92                   | 8.0                             | 28.0                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| OW-62    | 6/2/2022      | 20.87                        | 21.22                                   | 0.35                      | 6913.26                     | 6934.73                                           | 6937.36                               | 2.88                                    | 34.90                   | 8.0                             | 28.0                               |
| OW-62    | 7/7/2022      | 21.12                        | 21.50                                   | 0.38                      | 6912.98                     | 6934.73                                           | 6937.36                               | 2.88                                    | 29.92                   | 8.0                             | 28.0                               |
| OW-62    | 8/9/2022      | 21.21                        | 21.56                                   | 0.35                      | 6912.92                     | 6934.73                                           | 6937.36                               | 2.88                                    | 29.92                   | 8.0                             | 28.0                               |
| OW-62    | 9/2/2022      | 20.82                        | 21.25                                   | 0.43                      | 6913.23                     | 6934.73                                           | 6937.36                               | 2.88                                    | 29.92                   | 8.0                             | 28.0                               |
| OW-62    | 10/4/2022     | 20.84                        | 21.30                                   | 0.46                      | 6913.18                     | 6934.73                                           | 6937.36                               | 2.88                                    | 29.92                   | 8.0                             | 28.0                               |
| OW-62    | 11/3/2022     | 21.04                        | 21.42                                   | 0.38                      | 6913.06                     | 6934.73                                           | 6937.36                               | 2.88                                    | 29.92                   | 8.0                             | 28.0                               |
| OW-62    | 12/6/2022     | 20.95                        | 21.37                                   | 0.42                      | 6913.11                     | 6934.73                                           | 6937.36                               | 2.88                                    | 29.92                   | 8.0                             | 28.0                               |
| OW-63    | 3/21/2018     | ND                           | 17.47                                   | NA                        | NA                          | 6932.34                                           | NA                                    | 2.72                                    | 29.46                   | 9.0                             | 29.0                               |
| OW-63    | 4/24/2018     | ND                           | 17.61                                   | NA                        | NA                          | 6932.34                                           | NA                                    | 2.72                                    | 29.46                   | 9.0                             | 29.0                               |
| OW-63    | 8/16/2018     | ND                           | 17.88                                   | NA                        | NA                          | 6932.34                                           | NA                                    | 2.72                                    | 29.48                   | 9.0                             | 29.0                               |
| OW-63    | 11/29/2018    | ND                           | 18.23                                   | NA                        | NA                          | 6932.34                                           | NA                                    | 2.72                                    | 29.28                   | 9.0                             | 29.0                               |
| OW-63    | 2/19/2019     | ND                           | 17.74                                   | NA                        | NA                          | 6932.34                                           | NA                                    | 3.00                                    | 29.00                   | 9.0                             | 29.0                               |
| OW-63    | 5/15/2019     | ND                           | 17.35                                   | NA                        | NA                          | 6932.34                                           | NA                                    | 3.00                                    | 29.00                   | 9.0                             | 29.0                               |
| OW-63    | 8/19/2019     | ND                           | 17.12                                   | NA                        | NA                          | 6932.34                                           | NA                                    | 3.00                                    | 29.20                   | 9.0                             | 29.0                               |
| OW-63    | 11/18/2019    | ND                           | 17.30                                   | NA                        | NA                          | 6932.34                                           | NA                                    | 3.00                                    | 29.00                   | 9.0                             | 29.0                               |
| OW-63    | 3/4/2020      | ND                           | 17.41                                   | NA                        | 6914.65                     | 6932.34                                           | 6935.06                               | 3.00                                    | 29.00                   | 9.0                             | 29.0                               |
| OW-63    | 6/29/2020     | ND                           | 17.46                                   | NA                        | 6914.60                     | 6932.34                                           | 6935.06                               | 3.00                                    | 29.00                   | 9.0                             | 29.0                               |
| OW-63    | 9/14/2020     | ND                           | 17.73                                   | NA                        | 6914.33                     | 6932.34                                           | 6935.06                               | 3.00                                    | 29.05                   | 9.0                             | 29.0                               |
| OW-63    | 11/9/2020     | ND                           | 17.85                                   | NA                        | 6914.21                     | 6932.34                                           | 6935.06                               | 3.00                                    | 29.05                   | 9.0                             | 29.0                               |
| OW-63    | 12/8/2020     | ND                           | 17.97                                   | NA                        | 6914.09                     | 6932.34                                           | 6935.06                               | 3.00                                    | 29.22                   | 9.0                             | 29.0                               |
| OW-63    | 1/28/2021     | ND                           | 18.15                                   | NA                        | 6913.91                     | 6932.34                                           | 6935.06                               | 3.00                                    | 29.22                   | 9.0                             | 29.0                               |
| OW-63    | 2/27/2021     | ND                           | 18.13                                   | NA                        | 6913.93                     | 6932.34                                           | 6935.06                               | 3.00                                    | 29.22                   | 9.0                             | 29.0                               |
| OW-63    | 3/31/2021     | ND                           | 18.28                                   | NA                        | 6913.78                     | 6932.34                                           | 6935.06                               | 3.00                                    | 29.22                   | 9.0                             | 29.0                               |
| OW-63    | 4/26/2021     | ND                           | 18.40                                   | NA                        | 6913.66                     | 6932.34                                           | 6935.06                               | 3.00                                    | 29.22                   | 9.0                             | 29.0                               |
| OW-63    | 5/20/2021     | ND                           | 18.52                                   | NA                        | 6913.54                     | 6932.34                                           | 6935.06                               | 3.00                                    | 29.22                   | 9.0                             | 29.0                               |
| OW-63    | 6/2/2021      | ND                           | 18.37                                   | NA                        | 6913.69                     | 6932.34                                           | 6935.06                               | 3.00                                    | 29.22                   | 9.0                             | 29.0                               |
| OW-63    | 9/28/2021     | ND                           | 18.85                                   | NA                        | 6913.21                     | 6932.34                                           | 6935.06                               | 3.00                                    | 29.22                   | 9.0                             | 29.0                               |
| OW-63    | 12/16/2021    | ND                           | 18.93                                   | NA                        | 6913.13                     | 6932.34                                           | 6935.06                               | 3.00                                    | 29.22                   | 9.0                             | 29.0                               |
| OW-63    | 1/10/2022     | ND                           | 18.89                                   | NA                        | 6913.17                     | 6932.34                                           | 6935.06                               | 3.00                                    | 29.22                   | 9.0                             | 29.0                               |
| OW-63    | 2/28/2022     | ND                           | 18.93                                   | NA                        | 6913.13                     | 6932.34                                           | 6935.06                               | 3.00                                    | 29.22                   | 9.0                             | 29.0                               |
| OW-63    | 3/1/2022      | ND                           | 18.95                                   | NA                        | 6913.11                     | 6932.34                                           | 6935.06                               | 3.00                                    | 29.22                   | 9.0                             | 29.0                               |
| OW-63    | 4/27/2022     | ND                           | 19.22                                   | NA                        | 6912.84                     | 6932.34                                           | 6935.06                               | 3.00                                    | 29.22                   | 9.0                             | 29.0                               |
| OW-63    | 5/9/2022      | ND                           | 19.29                                   | NA                        | 6912.77                     | 6932.34                                           | 6935.06                               | 3.00                                    | 29.22                   | 9.0                             | 29.0                               |
| OW-63    | 6/1/2022      | ND                           | 19.51                                   | NA                        | 6912.55                     | 6932.34                                           | 6935.06                               | 3.00                                    | 29.22                   | 9.0                             | 29.0                               |
| OW-63    | 7/7/2022      | ND                           | 18.51                                   | NA                        | 6913.55                     | 6932.34                                           | 6935.06                               | 3.00                                    | 29.22                   | 9.0                             | 29.0                               |
| OW-63    | 8/9/2022      | ND                           | 18.77                                   | NA                        | 6913.29                     | 6932.34                                           | 6935.06                               | 3.00                                    | 29.22                   | 9.0                             | 29.0                               |
| OW-63    | 9/2/2022      | ND                           | 19.25                                   | NA                        | 6912.81                     | 6932.34                                           | 6935.06                               | 3.00                                    | 29.22                   | 9.0                             | 29.0                               |
| OW-63    | 10/4/2022     | ND                           | 19.42                                   | NA                        | 6912.64                     | 6932.34                                           | 6935.06                               | 3.00                                    | 29.22                   | 9.0                             | 29.0                               |
| OW-63    | 11/3/2022     | ND                           | 19.39                                   | NA                        | 6912.67                     | 6932.34                                           | 6935.06                               | 3.00                                    | 29.22                   | 9.0                             | 29.0                               |
| OW-63    | 12/6/2022     | ND                           | 20.02                                   | NA                        | 6912.04                     | 6932.34                                           | 6935.06                               | 3.00                                    | 29.22                   | 9.0                             | 29.0                               |
| OW-64    | 3/21/2018     | ND                           | 5.39                                    | NA                        | NA                          | 6945.07                                           | NA                                    | 2.33                                    | 25.29                   | 4.0                             | 24.0                               |
| OW-64    | 4/24/2018     | ND                           | 5.52                                    | NA                        | NA                          | 6945.07                                           | NA                                    | 2.33                                    | 25.30                   | 4.0                             | 24.0                               |
| OW-64    | 8/16/2018     | ND                           | 5.18                                    | NA                        | NA                          | 6945.07                                           | NA                                    | 2.33                                    | 25.02                   | 4.0                             | 24.0                               |
| OW-64    | 11/29/2018    | 5.73                         | 5.78                                    | 0.05                      | NA                          | 6945.07                                           | NA                                    | 2.33                                    | 25.02                   | 4.0                             | 24.0                               |
| OW-64    | 2/19/2019     | 4.23                         | 4.25                                    | 0.02                      | NA                          | 6945.07                                           | NA                                    | 2.77                                    | 24.86                   | 4.0                             | 24.0                               |
| OW-64    | 5/15/2019     | ND                           | 4.06                                    | NA                        | NA                          | 6945.07                                           | NA                                    | 2.77                                    | 24.86                   | 4.0                             | 24.0                               |
| OW-64    | 8/19/2019     | ND                           | 4.33                                    | NA                        | NA                          | 6945.07                                           | NA                                    | 2.77                                    | 24.58                   | 4.0                             | 24.0                               |
| OW-64    | 11/18/2019    | ND                           | 5.63                                    | NA                        | NA                          | 6945.07                                           | NA                                    | 2.77                                    | 24.58                   | 4.0                             | 24.0                               |



APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| OW-64    | 3/4/2020      | ND                           | 4.73                                    | NA                        | 6939.90                     | 6945.07                                           | 6947.40                               | 2.77                                    | 24.86                   | 4.0                             | 24.0                               |
| OW-64    | 6/30/2020     | ND                           | 5.58                                    | NA                        | 6939.05                     | 6945.07                                           | 6947.40                               | 2.77                                    | 24.86                   | 4.0                             | 24.0                               |
| OW-64    | 9/14/2020     | ND                           | 5.18                                    | NA                        | 6939.45                     | 6945.07                                           | 6947.40                               | 2.77                                    | 24.58                   | 4.0                             | 24.0                               |
| OW-64    | 11/9/2020     | ND                           | 5.41                                    | NA                        | 6939.22                     | 6945.07                                           | 6947.40                               | 2.77                                    | 24.58                   | 4.0                             | 24.0                               |
| OW-64    | 12/7/2020     | ND                           | 5.49                                    | NA                        | 6939.14                     | 6945.07                                           | 6947.40                               | 2.77                                    | 24.58                   | 4.0                             | 24.0                               |
| OW-64    | 1/28/2021     | ND                           | 5.77                                    | NA                        | 6938.86                     | 6945.07                                           | 6947.40                               | 2.77                                    | 24.58                   | 4.0                             | 24.0                               |
| OW-64    | 2/27/2021     | ND                           | 5.52                                    | NA                        | 6939.11                     | 6945.07                                           | 6947.40                               | 2.77                                    | 24.58                   | 4.0                             | 24.0                               |
| OW-64    | 3/31/2021     | ND                           | 5.60                                    | NA                        | 6939.03                     | 6945.07                                           | 6947.40                               | 2.77                                    | 24.58                   | 4.0                             | 24.0                               |
| OW-64    | 4/26/2021     | ND                           | 5.51                                    | NA                        | 6939.12                     | 6945.07                                           | 6947.40                               | 2.77                                    | 24.58                   | 4.0                             | 24.0                               |
| OW-64    | 5/20/2021     | ND                           | 5.31                                    | NA                        | 6939.32                     | 6945.07                                           | 6947.40                               | 2.77                                    | 24.58                   | 4.0                             | 24.0                               |
| OW-64    | 6/2/2021      | ND                           | 5.73                                    | NA                        | 6938.90                     | 6945.07                                           | 6947.40                               | 2.77                                    | 24.58                   | 4.0                             | 24.0                               |
| OW-64    | 9/9/2021      | ND                           | 5.17                                    | NA                        | 6939.46                     | 6945.07                                           | 6947.40                               | 2.77                                    | 24.58                   | 4.0                             | 24.0                               |
| OW-64    | 12/28/2021    | ND                           | 4.98                                    | NA                        | 6939.65                     | 6945.07                                           | 6947.40                               | 2.77                                    | 24.58                   | 4.0                             | 24.0                               |
| OW-64    | 1/10/2022     | ND                           | 5.03                                    | NA                        | 6939.60                     | 6945.07                                           | 6947.40                               | 2.77                                    | 24.58                   | 4.0                             | 24.0                               |
| OW-64    | 2/28/2022     | ND                           | 5.25                                    | NA                        | 6939.38                     | 6945.07                                           | 6947.40                               | 2.77                                    | 24.58                   | 4.0                             | 24.0                               |
| OW-64    | 3/2/2022      | ND                           | 4.96                                    | NA                        | 6939.67                     | 6945.07                                           | 6947.40                               | 2.77                                    | 24.63                   | 4.0                             | 24.0                               |
| OW-64    | 4/27/2022     | ND                           | 5.90                                    | NA                        | 6938.73                     | 6945.07                                           | 6947.40                               | 2.77                                    | 24.58                   | 4.0                             | 24.0                               |
| OW-64    | 5/9/2022      | ND                           | 5.78                                    | NA                        | 6938.85                     | 6945.07                                           | 6947.40                               | 2.77                                    | 24.58                   | 4.0                             | 24.0                               |
| OW-64    | 6/1/2022      | ND                           | 5.37                                    | NA                        | 6939.26                     | 6945.07                                           | 6947.40                               | 2.77                                    | 21.53                   | 4.0                             | 24.0                               |
| OW-64    | 7/7/2022      | ND                           | 5.34                                    | NA                        | 6939.29                     | 6945.07                                           | 6947.40                               | 2.77                                    | 24.58                   | 4.0                             | 24.0                               |
| OW-64    | 8/9/2022      | ND                           | 5.03                                    | NA                        | 6939.60                     | 6945.07                                           | 6947.40                               | 2.77                                    | 24.58                   | 4.0                             | 24.0                               |
| OW-64    | 9/2/2022      | ND                           | 5.43                                    | NA                        | 6939.20                     | 6945.07                                           | 6947.40                               | 2.77                                    | 21.53                   | 4.0                             | 24.0                               |
| OW-64    | 10/4/2022     | ND                           | 5.75                                    | NA                        | 6938.88                     | 6945.07                                           | 6947.40                               | 2.77                                    | 21.53                   | 4.0                             | 24.0                               |
| OW-64    | 11/3/2022     | ND                           | 5.91                                    | NA                        | 6938.72                     | 6945.07                                           | 6947.40                               | 2.77                                    | 21.53                   | 4.0                             | 24.0                               |
| OW-64    | 12/6/2022     | ND                           | 5.20                                    | NA                        | 6939.43                     | 6945.07                                           | 6947.40                               | 2.77                                    | 21.53                   | 4.0                             | 24.0                               |
| OW-65    | 3/21/2018     | 20.97                        | 21.17                                   | 0.20                      | NA                          | 6951.62                                           | NA                                    | 2.43                                    | 39.23                   | 17.0                            | 37.0                               |
| OW-65    | 4/24/2018     | 21.18                        | 23.92                                   | 2.74                      | NA                          | 6951.62                                           | NA                                    | 2.43                                    | 39.22                   | 17.0                            | 37.0                               |
| OW-65    | 8/16/2018     | 22.53                        | 24.21                                   | 1.68                      | NA                          | 6951.62                                           | NA                                    | 2.43                                    | 39.23                   | 17.0                            | 37.0                               |
| OW-65    | 11/29/2018    | 21.62                        | 29.37                                   | 7.75                      | NA                          | 6951.62                                           | NA                                    | 2.43                                    | 37.57                   | 17.0                            | 37.0                               |
| OW-65    | 2/19/2019     | 19.36                        | 28.63                                   | 9.27                      | NA                          | 6951.62                                           | NA                                    | 2.88                                    | 37.12                   | 17.0                            | 37.0                               |
| OW-65    | 5/15/2019     | 20.59                        | 29.33                                   | 8.74                      | NA                          | 6951.62                                           | NA                                    | 2.88                                    | 37.12                   | 17.0                            | 37.0                               |
| OW-65    | 8/20/2019     | 19.09                        | 28.27                                   | 9.18                      | NA                          | 6951.62                                           | NA                                    | 2.88                                    | 38.78                   | 17.0                            | 37.0                               |
| OW-65    | 3/4/2020      | 20.95                        | 27.20                                   | 6.25                      | 6923.97                     | 6951.62                                           | 6954.05                               | 2.88                                    | 37.12                   | 17.0                            | 37.0                               |
| OW-65    | 6/29/2020     | 21.20                        | 28.53                                   | 7.33                      | 6922.64                     | 6951.62                                           | 6954.05                               | 2.88                                    | 37.12                   | 17.0                            | 37.0                               |
| OW-65    | 9/14/2020     | 21.82                        | 27.88                                   | 6.06                      | 6923.29                     | 6951.62                                           | 6954.05                               | 2.88                                    | 39.92                   | 17.0                            | 37.0                               |
| OW-65    | 11/9/2020     | 22.17                        | 29.47                                   | 7.30                      | 6921.70                     | 6951.62                                           | 6954.05                               | 2.88                                    | 39.92                   | 17.0                            | 37.0                               |
| OW-65    | 12/8/2020     | 22.91                        | 29.07                                   | 6.16                      | 6922.10                     | 6951.62                                           | 6954.05                               | 2.88                                    | 39.62                   | 17.0                            | 37.0                               |
| OW-65    | 1/28/2021     | 23.75                        | 28.87                                   | 5.12                      | 6922.30                     | 6951.62                                           | 6954.05                               | 2.88                                    | 39.62                   | 17.0                            | 37.0                               |
| OW-65    | 2/27/2021     | 23.53                        | 30.83                                   | 7.30                      | 6920.34                     | 6951.62                                           | 6954.05                               | 2.88                                    | 38.87                   | 17.0                            | 37.0                               |
| OW-65    | 3/31/2021     | 24.52                        | 31.00                                   | 6.48                      | 6920.17                     | 6951.62                                           | 6954.05                               | 2.88                                    | 38.12                   | 17.0                            | 37.0                               |
| OW-65    | 4/26/2021     | 25.13                        | 31.07                                   | 5.94                      | 6920.10                     | 6951.62                                           | 6954.05                               | 2.88                                    | 37.37                   | 17.0                            | 37.0                               |
| OW-65    | 5/20/2021     | 25.28                        | 32.29                                   | 7.01                      | 6918.88                     | 6951.62                                           | 6954.05                               | 2.88                                    | 36.62                   | 17.0                            | 37.0                               |
| OW-65    | 6/2/2021      | 24.03                        | 29.78                                   | 5.75                      | 6921.39                     | 6951.62                                           | 6954.05                               | 2.88                                    | 36.62                   | 17.0                            | 37.0                               |
| OW-65    | 9/7/2021      | 25.49                        | 31.62                                   | 6.13                      | 6919.55                     | 6951.62                                           | 6954.05                               | 2.88                                    | 36.62                   | 17.0                            | 37.0                               |
| OW-65    | 12/2/2021     | 25.22                        | 32.20                                   | 6.98                      | 6918.97                     | 6951.62                                           | 6954.05                               | 2.88                                    | 36.62                   | 17.0                            | 37.0                               |
| OW-65    | 1/10/2022     | 25.24                        | 32.23                                   | 6.99                      | 6918.94                     | 6951.62                                           | 6954.05                               | 2.88                                    | 36.62                   | 17.0                            | 37.0                               |
| OW-65    | 2/28/2022     | 25.23                        | 32.21                                   | 6.98                      | 6918.96                     | 6951.62                                           | 6954.05                               | 2.88                                    | 36.62                   | 17.0                            | 37.0                               |
| OW-65    | 3/2/2022      | 25.20                        | 32.13                                   | 6.93                      | 6919.04                     | 6951.62                                           | 6954.05                               | 2.88                                    | 36.63                   | 17.0                            | 37.0                               |



APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| OW-65    | 4/5/2022      | 26.97                        | 31.82                                   | 4.85                      | 6919.35                     | 6951.62                                           | 6954.05                               | 2.88                                    | 36.62                   | 17.0                            | 37.0                               |
| OW-65    | 5/9/2022      | 27.21                        | 32.90                                   | 5.69                      | 6918.27                     | 6951.62                                           | 6954.05                               | 2.88                                    | 36.62                   | 17.0                            | 37.0                               |
| OW-65    | 6/2/2022      | 25.09                        | 32.05                                   | 6.96                      | 6919.12                     | 6951.62                                           | 6954.05                               | 2.88                                    | 36.63                   | 17.0                            | 37.0                               |
| OW-65    | 7/7/2022      | 28.64                        | 30.17                                   | 1.53                      | 6921.00                     | 6951.62                                           | 6954.05                               | 2.88                                    | 36.62                   | 17.0                            | 37.0                               |
| OW-65    | 8/9/2022      | 28.95                        | 29.49                                   | 0.54                      | 6921.68                     | 6951.62                                           | 6954.05                               | 2.88                                    | 36.62                   | 17.0                            | 37.0                               |
| OW-65    | 9/5/2022      | 29.20                        | 29.56                                   | 0.36                      | 6921.61                     | 6951.62                                           | 6954.05                               | 2.88                                    | 36.62                   | 17.0                            | 37.0                               |
| OW-65    | 10/4/2022     | 29.29                        | 29.56                                   | 0.27                      | 6921.61                     | 6951.62                                           | 6954.05                               | 2.88                                    | 36.62                   | 17.0                            | 37.0                               |
| OW-65    | 11/3/2022     | 29.27                        | 29.50                                   | 0.23                      | 6921.67                     | 6951.62                                           | 6954.05                               | 2.88                                    | 36.62                   | 17.0                            | 37.0                               |
| OW-65    | 12/6/2022     | 29.54                        | 29.76                                   | 0.22                      | 6921.41                     | 6951.62                                           | 6954.05                               | 2.88                                    | 36.62                   | 17.0                            | 37.0                               |
| OW-66    | 9/2/2021      | ND                           | 15.66                                   | NA                        | 6904.14                     | 6919.80                                           | 6922.35                               | 2.55                                    | NA                      | 10.0                            | 25.0                               |
| OW-66    | 12/1/2021     | ND                           | 15.30                                   | NA                        | 6904.50                     | 6919.80                                           | 6922.35                               | 2.55                                    | NA                      | 10.0                            | 25.0                               |
| OW-66    | 3/2/2022      | ND                           | 15.19                                   | NA                        | 6904.61                     | 6919.80                                           | 6922.35                               | 2.55                                    | 25.26                   | 10.0                            | 25.0                               |
| OW-66    | 6/2/2022      | ND                           | 15.66                                   | NA                        | 6904.14                     | 6919.80                                           | 6922.35                               | 2.55                                    | 25.20                   | 10.0                            | 25.0                               |
| OW-66    | 9/7/2022      | ND                           | 16.26                                   | NA                        | 6903.54                     | 6919.80                                           | 6922.35                               | 2.55                                    | 25.20                   | 10.0                            | 25.0                               |
| OW-66    | 10/4/2022     | ND                           | 16.08                                   | NA                        | 6903.72                     | 6919.80                                           | 6922.35                               | 2.55                                    | 25.20                   | 10.0                            | 25.0                               |
| OW-66    | 11/3/2022     | ND                           | 16.15                                   | NA                        | 6903.65                     | 6919.80                                           | 6922.35                               | 2.55                                    | 25.20                   | 10.0                            | 25.0                               |
| OW-66    | 12/27/2022    | ND                           | 16.45                                   | NA                        | 6903.35                     | 6919.80                                           | 6922.35                               | 2.55                                    | 25.20                   | 10.0                            | 25.0                               |
| OW-67    | 9/2/2021      | ND                           | 9.84                                    | NA                        | 6890.89                     | 6900.73                                           | 6903.29                               | 2.56                                    | NA                      | 10.0                            | 25.0                               |
| OW-67    | 12/22/2021    | ND                           | 9.84                                    | NA                        | 6890.89                     | 6900.73                                           | 6903.29                               | 2.56                                    | NA                      | 10.0                            | 25.0                               |
| OW-67    | 6/2/2022      | ND                           | 9.90                                    | NA                        | 6890.83                     | 6900.73                                           | 6903.29                               | 2.56                                    | 24.87                   | 10.0                            | 25.0                               |
| OW-67    | 9/2/2022      | ND                           | 10.03                                   | NA                        | 6890.70                     | 6900.73                                           | 6903.29                               | 2.56                                    | 24.87                   | 10.0                            | 25.0                               |
| OW-67    | 10/4/2022     | ND                           | 10.34                                   | NA                        | 6890.39                     | 6900.73                                           | 6903.29                               | 2.56                                    | 24.87                   | 10.0                            | 25.0                               |
| OW-67    | 11/3/2022     | ND                           | 10.32                                   | NA                        | 6890.41                     | 6900.73                                           | 6903.29                               | 2.56                                    | 24.87                   | 10.0                            | 25.0                               |
| OW-67    | 12/28/2022    | ND                           | 10.14                                   | NA                        | 6890.59                     | 6900.73                                           | 6903.29                               | 2.56                                    | 24.89                   | 10.0                            | 25.0                               |
| OW-68    | 9/2/2021      | ND                           | 11.39                                   | NA                        | 6877.29                     | 6888.68                                           | 6891.51                               | 2.83                                    | NA                      | 5.0                             | 25.0                               |
| OW-68    | 12/22/2021    | ND                           | 11.27                                   | NA                        | 6877.41                     | 6888.68                                           | 6891.51                               | 2.83                                    | NA                      | 5.0                             | 25.0                               |
| OW-68    | 6/2/2022      | ND                           | 11.35                                   | NA                        | 6877.33                     | 6888.68                                           | 6891.51                               | 2.83                                    | 25.37                   | 5.0                             | 25.0                               |
| OW-68    | 9/2/2022      | ND                           | 15.69                                   | NA                        | 6872.99                     | 6888.68                                           | 6891.51                               | 2.83                                    | 25.37                   | 5.0                             | 25.0                               |
| OW-68    | 10/5/2022     | ND                           | 15.87                                   | NA                        | 6872.81                     | 6888.68                                           | 6891.51                               | 2.83                                    | 25.37                   | 5.0                             | 25.0                               |
| OW-68    | 11/3/2022     | ND                           | 15.98                                   | NA                        | 6872.70                     | 6888.68                                           | 6891.51                               | 2.83                                    | 25.37                   | 5.0                             | 25.0                               |
| OW-68    | 12/28/2022    | ND                           | 15.83                                   | NA                        | 6872.85                     | 6888.68                                           | 6891.51                               | 2.83                                    | 25.37                   | 5.0                             | 25.0                               |
| OW-70    | 9/8/2021      | ND                           | 0.53                                    | NA                        | 6942.54                     | 6943.07                                           | 6945.95                               | 2.88                                    | 44.82                   | 25.0                            | 44.7                               |
| OW-70    | 12/16/2021    | ND                           | 28.71                                   | NA                        | 6914.36                     | 6943.07                                           | 6945.95                               | 2.88                                    | 44.82                   | 25.0                            | 44.7                               |
| OW-70    | 3/2/2022      | ND                           | 28.76                                   | NA                        | 6914.31                     | 6943.07                                           | 6945.95                               | 2.88                                    | 44.83                   | 25.0                            | 44.7                               |
| OW-70    | 6/1/2022      | ND                           | 29.24                                   | NA                        | 6913.83                     | 6943.07                                           | 6945.95                               | 2.88                                    | 44.84                   | 25.0                            | 44.7                               |
| OW-70    | 9/7/2022      | ND                           | 29.41                                   | NA                        | 6913.66                     | 6943.07                                           | 6945.95                               | 2.88                                    | 44.84                   | 25.0                            | 44.7                               |
| OW-70    | 10/5/2022     | ND                           | 29.53                                   | NA                        | 6913.54                     | 6943.07                                           | 6945.95                               | 2.88                                    | 44.84                   | 25.0                            | 44.7                               |
| OW-70    | 11/2/2022     | ND                           | 29.62                                   | NA                        | 6913.45                     | 6943.07                                           | 6945.95                               | 2.88                                    | 44.84                   | 25.0                            | 44.7                               |
| OW-70    | 12/14/2022    | ND                           | 29.07                                   | NA                        | 6914.00                     | 6943.07                                           | 6945.95                               | 2.88                                    | 44.84                   | 25.0                            | 44.7                               |
| RW-1     | 3/14/2014     | 24.91                        | 28.45                                   | 3.54                      | 6914.41                     | 6942.86                                           | 6946.06                               | 3.20                                    | 39.84                   | 25.0                            | 40.0                               |
| RW-1     | 6/9/2014      | 24.85                        | 29.86                                   | 5.01                      | 6913.00                     | 6942.86                                           | 6946.06                               | 3.20                                    | 39.84                   | 25.0                            | 40.0                               |
| RW-1     | 9/18/2014     | 25.11                        | NA                                      | NA                        | NA                          | 6942.86                                           | 6946.06                               | 3.20                                    | 39.84                   | 25.0                            | 40.0                               |
| RW-1     | 11/13/2014    | 24.95                        | 29.84                                   | 4.89                      | 6913.02                     | 6942.86                                           | 6946.06                               | 3.20                                    | 39.84                   | 25.0                            | 40.0                               |
| RW-1     | 3/23/2015     | 24.90                        | 29.60                                   | 4.70                      | 6913.26                     | 6942.86                                           | 6946.06                               | 3.20                                    | 39.84                   | 25.0                            | 40.0                               |
| RW-1     | 6/9/2015      | 24.50                        | 28.90                                   | 4.40                      | 6913.96                     | 6942.86                                           | 6946.06                               | 3.20                                    | 39.84                   | 25.0                            | 40.0                               |
| RW-1     | 8/23/2015     | 24.88                        | 26.82                                   | 1.94                      | 6916.04                     | 6942.86                                           | 6946.06                               | 3.20                                    | 39.84                   | 25.0                            | 40.0                               |
| RW-1     | 10/29/2015    | 24.45                        | 26.90                                   | 2.45                      | 6915.96                     | 6942.86                                           | 6946.06                               | 3.20                                    | 39.84                   | 25.0                            | 40.0                               |
| RW-1     | 3/4/2016      | 24.85                        | 27.35                                   | 2.50                      | 6915.51                     | 6942.86                                           | 6946.06                               | 3.20                                    | 39.84                   | 25.0                            | 40.0                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| RW-1     | 6/8/2016      | 24.78                        | 28.60                                   | 3.82                      | 6914.26                     | 6942.86                                           | 6946.06                               | 3.20                                    | 39.84                   | 25.0                            | 40.0                               |
| RW-1     | 9/13/2016     | 24.70                        | 28.84                                   | 4.14                      | 6914.02                     | 6942.86                                           | 6946.06                               | 3.20                                    | 39.84                   | 25.0                            | 40.0                               |
| RW-1     | 11/16/2016    | 24.60                        | 27.70                                   | 3.10                      | 6915.16                     | 6942.86                                           | 6946.06                               | 3.20                                    | 39.84                   | 25.0                            | 40.0                               |
| RW-1     | 3/16/2017     | 23.85                        | 27.35                                   | 3.50                      | 6915.51                     | 6942.86                                           | 6946.06                               | 3.20                                    | 39.84                   | 25.0                            | 40.0                               |
| RW-1     | 6/20/2017     | 23.57                        | 25.22                                   | 1.65                      | 6917.64                     | 6942.86                                           | 6946.06                               | 3.20                                    | 39.84                   | 25.0                            | 40.0                               |
| RW-1     | 9/19/2017     | 23.32                        | 24.40                                   | 1.08                      | 6918.46                     | 6942.86                                           | 6946.06                               | 3.20                                    | 39.84                   | 25.0                            | 40.0                               |
| RW-1     | 12/12/2017    | 23.30                        | 24.30                                   | 1.00                      | 6918.56                     | 6942.86                                           | 6946.06                               | 3.20                                    | 39.84                   | 25.0                            | 40.0                               |
| RW-1     | 2/13/2018     | 23.74                        | 24.02                                   | 0.28                      | 6918.84                     | 6942.86                                           | 6946.06                               | 3.20                                    | 39.84                   | 25.0                            | 40.0                               |
| RW-1     | 4/25/2018     | 23.74                        | 24.01                                   | 0.27                      | 6918.85                     | 6942.86                                           | 6946.06                               | 3.20                                    | 40.15                   | 25.0                            | 40.0                               |
| RW-1     | 8/16/2018     | 24.24                        | 24.50                                   | 0.26                      | 6918.36                     | 6942.86                                           | 6946.06                               | 3.20                                    | 40.25                   | 25.0                            | 40.0                               |
| RW-1     | 11/7/2018     | NA                           | NA                                      | NA                        | NA                          | 6942.86                                           | 6946.06                               | 3.20                                    | 40.25                   | 25.0                            | 40.0                               |
| RW-1     | 3/28/2019     | NA                           | NA                                      | NA                        | NA                          | 6942.86                                           | 6946.06                               | 3.20                                    | 40.25                   | 25.0                            | 40.0                               |
| RW-1     | 5/8/2019      | NA                           | NA                                      | NA                        | NA                          | 6942.86                                           | 6946.06                               | 3.20                                    | 40.25                   | 25.0                            | 40.0                               |
| RW-1     | 8/16/2019     | NA                           | NA                                      | NA                        | NA                          | 6942.86                                           | 6946.06                               | 3.20                                    | 40.25                   | 25.0                            | 40.0                               |
| RW-1     | 11/1/2019     | NA                           | NA                                      | NA                        | NA                          | 6942.86                                           | 6946.06                               | 3.20                                    | 40.25                   | 25.0                            | 40.0                               |
| RW-1     | 3/4/2020      | NA                           | NA                                      | NA                        | NA                          | 6942.86                                           | 6946.06                               | 3.20                                    | 40.25                   | 25.0                            | 40.0                               |
| RW-1     | 6/30/2020     | 25.05                        | 26.30                                   | 1.25                      | 6916.56                     | 6942.86                                           | 6946.06                               | 3.20                                    | 39.84                   | 25.0                            | 40.0                               |
| RW-1     | 9/19/2020     | 24.87                        | 27.00                                   | 2.13                      | 6915.86                     | 6942.86                                           | 6946.06                               | 3.20                                    | 40.25                   | 25.0                            | 40.0                               |
| RW-1     | 11/10/2020    | 26.30                        | 27.13                                   | 0.83                      | 6915.73                     | 6942.86                                           | 6946.06                               | 3.20                                    | 40.25                   | 25.0                            | 40.0                               |
| RW-1     | 12/8/2020     | 26.30                        | 27.13                                   | 0.83                      | 6915.73                     | 6942.86                                           | 6946.06                               | 3.20                                    | 40.25                   | 25.0                            | 40.0                               |
| RW-1     | 1/28/2021     | 26.78                        | 27.13                                   | 0.35                      | 6915.73                     | 6942.86                                           | 6946.06                               | 3.20                                    | 40.25                   | 25.0                            | 40.0                               |
| RW-1     | 2/27/2021     | 26.55                        | 27.85                                   | 1.30                      | 6915.01                     | 6942.86                                           | 6946.06                               | 3.20                                    | 40.25                   | 25.0                            | 40.0                               |
| RW-1     | 3/31/2021     | 26.70                        | 28.81                                   | 2.11                      | 6914.05                     | 6942.86                                           | 6946.06                               | 3.20                                    | 40.25                   | 25.0                            | 40.0                               |
| RW-1     | 4/26/2021     | 26.61                        | 28.69                                   | 2.08                      | 6914.17                     | 6942.86                                           | 6946.06                               | 3.20                                    | 40.25                   | 25.0                            | 40.0                               |
| RW-1     | 5/20/2021     | 26.85                        | 30.03                                   | 3.18                      | 6912.83                     | 6942.86                                           | 6946.06                               | 3.20                                    | 40.25                   | 25.0                            | 40.0                               |
| RW-1     | 6/1/2021      | 27.13                        | 30.22                                   | 3.09                      | 6912.64                     | 6942.86                                           | 6946.06                               | 3.20                                    | 40.25                   | 25.0                            | 40.0                               |
| RW-1     | 9/9/2021      | 26.33                        | 27.82                                   | 1.49                      | 6915.04                     | 6942.86                                           | 6946.06                               | 3.20                                    | 40.25                   | 25.0                            | 40.0                               |
| RW-1     | 12/2/2021     | 26.71                        | 28.78                                   | 2.07                      | 6914.08                     | 6942.86                                           | 6946.06                               | 3.20                                    | 40.25                   | 25.0                            | 40.0                               |
| RW-1     | 1/10/2022     | 26.92                        | 34.92                                   | 8.00                      | 6907.94                     | 6942.86                                           | 6946.06                               | 3.20                                    | 40.25                   | 25.0                            | 40.0                               |
| RW-1     | 2/28/2022     | 27.00                        | 34.98                                   | 7.98                      | 6907.88                     | 6942.86                                           | 6946.06                               | 3.20                                    | 40.25                   | 25.0                            | 40.0                               |
| RW-1     | 3/2/2022      | 26.81                        | 28.83                                   | 2.02                      | 6914.03                     | 6942.86                                           | 6946.06                               | 3.20                                    | 40.25                   | 25.0                            | 40.0                               |
| RW-1     | 4/27/2022     | 27.39                        | 27.64                                   | 0.25                      | 6915.22                     | 6942.86                                           | 6946.06                               | 3.20                                    | 40.25                   | 25.0                            | 40.0                               |
| RW-1     | 5/9/2022      | 27.56                        | 27.97                                   | 0.41                      | 6914.89                     | 6942.86                                           | 6946.06                               | 3.20                                    | 40.25                   | 25.0                            | 40.0                               |
| RW-1     | 6/2/2022      | 27.78                        | 27.90                                   | 0.12                      | 6914.96                     | 6942.86                                           | 6946.06                               | 3.20                                    | 40.25                   | 25.0                            | 40.0                               |
| RW-1     | 7/7/2022      | 27.98                        | 28.07                                   | 0.09                      | 6914.79                     | 6942.86                                           | 6946.06                               | 3.20                                    | 40.25                   | 25.0                            | 40.0                               |
| RW-1     | 8/9/2022      | 28.17                        | 28.23                                   | 0.06                      | 6914.63                     | 6942.86                                           | 6946.06                               | 3.20                                    | 40.25                   | 25.0                            | 40.0                               |
| RW-1     | 9/5/2022      | 28.31                        | 28.34                                   | 0.03                      | 6914.52                     | 6942.86                                           | 6946.06                               | 3.20                                    | 40.25                   | 25.0                            | 40.0                               |
| RW-1     | 10/5/2022     | 28.37                        | 28.39                                   | 0.02                      | 6914.47                     | 6942.86                                           | 6946.06                               | 3.20                                    | 40.25                   | 25.0                            | 40.0                               |
| RW-1     | 11/2/2022     | 28.50                        | 28.52                                   | 0.02                      | 6914.34                     | 6942.86                                           | 6946.06                               | 3.20                                    | 40.25                   | 25.0                            | 40.0                               |
| RW-1     | 12/9/2022     | 28.47                        | 28.69                                   | 0.22                      | 6914.17                     | 6942.86                                           | 6946.06                               | 3.20                                    | 40.25                   | 25.0                            | 40.0                               |
| RW-2     | 3/17/2014     | ND                           | 22.46                                   | NA                        | 6903.94                     | 6926.40                                           | 6928.53                               | 2.13                                    | 37.67                   | 26.1                            | 36.1                               |
| RW-2     | 6/9/2014      | ND                           | 21.66                                   | NA                        | 6904.74                     | 6926.40                                           | 6928.53                               | 2.13                                    | 37.67                   | 26.1                            | 36.1                               |
| RW-2     | 9/18/2014     | ND                           | 21.82                                   | NA                        | 6904.58                     | 6926.40                                           | 6928.53                               | 2.13                                    | 37.67                   | 26.1                            | 36.1                               |
| RW-2     | 11/13/2014    | ND                           | 21.77                                   | NA                        | 6904.63                     | 6926.40                                           | 6928.53                               | 2.13                                    | 37.67                   | 26.1                            | 36.1                               |
| RW-2     | 3/23/2015     | ND                           | 21.39                                   | NA                        | 6905.01                     | 6926.40                                           | 6928.53                               | 2.13                                    | 37.67                   | 26.1                            | 36.1                               |
| RW-2     | 6/9/2015      | ND                           | 20.89                                   | NA                        | 6905.51                     | 6926.40                                           | 6928.53                               | 2.13                                    | 37.67                   | 26.1                            | 36.1                               |
| RW-2     | 8/23/2015     | ND                           | 21.24                                   | NA                        | 6905.16                     | 6926.40                                           | 6928.53                               | 2.13                                    | 37.67                   | 26.1                            | 36.1                               |
| RW-2     | 10/29/2015    | ND                           | 20.67                                   | NA                        | 6905.73                     | 6926.40                                           | 6928.53                               | 2.13                                    | 37.67                   | 26.1                            | 36.1                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| RW-2     | 3/4/2016      | ND                           | 20.32                                   | NA                        | 6906.08                     | 6926.40                                           | 6928.53                               | 2.13                                    | 37.67                   | 26.1                            | 36.1                               |
| RW-2     | 6/8/2016      | ND                           | 20.18                                   | NA                        | 6906.22                     | 6926.40                                           | 6928.53                               | 2.13                                    | 37.67                   | 26.1                            | 36.1                               |
| RW-2     | 9/13/2016     | ND                           | 20.34                                   | NA                        | 6906.06                     | 6926.40                                           | 6928.53                               | 2.13                                    | 37.67                   | 26.1                            | 36.1                               |
| RW-2     | 11/16/2016    | ND                           | 20.09                                   | NA                        | 6906.31                     | 6926.40                                           | 6928.53                               | 2.13                                    | 37.67                   | 26.1                            | 36.1                               |
| RW-2     | 3/16/2017     | ND                           | 19.52                                   | NA                        | 6906.88                     | 6926.40                                           | 6928.53                               | 2.13                                    | 37.67                   | 26.1                            | 36.1                               |
| RW-2     | 6/20/2017     | ND                           | 19.06                                   | NA                        | 6907.34                     | 6926.40                                           | 6928.53                               | 2.13                                    | 37.67                   | 26.1                            | 36.1                               |
| RW-2     | 9/19/2017     | ND                           | 18.58                                   | NA                        | 6907.82                     | 6926.40                                           | 6928.53                               | 2.13                                    | 37.67                   | 26.1                            | 36.1                               |
| RW-2     | 12/5/2017     | ND                           | 18.21                                   | NA                        | 6908.19                     | 6926.40                                           | 6928.53                               | 2.13                                    | 37.87                   | 26.1                            | 36.1                               |
| RW-2     | 2/19/2018     | ND                           | 17.87                                   | NA                        | 6908.53                     | 6926.40                                           | 6928.53                               | 2.13                                    | 37.87                   | 26.1                            | 36.1                               |
| RW-2     | 4/25/2018     | ND                           | 17.90                                   | NA                        | 6908.50                     | 6926.40                                           | 6928.53                               | 2.13                                    | 37.86                   | 26.1                            | 36.1                               |
| RW-2     | 8/16/2018     | ND                           | 17.97                                   | NA                        | 6908.43                     | 6926.40                                           | 6928.53                               | 2.13                                    | 37.87                   | 26.1                            | 36.1                               |
| RW-2     | 11/7/2018     | NA                           | NA                                      | NA                        | NA                          | 6926.40                                           | 6928.53                               | 2.13                                    | 37.87                   | 26.1                            | 36.1                               |
| RW-2     | 3/28/2019     | NA                           | NA                                      | NA                        | NA                          | 6926.40                                           | 6928.53                               | 2.13                                    | 37.87                   | 26.1                            | 36.1                               |
| RW-2     | 5/8/2019      | NA                           | NA                                      | NA                        | NA                          | 6926.40                                           | 6928.53                               | 2.13                                    | 37.87                   | 26.1                            | 36.1                               |
| RW-2     | 8/16/2019     | NA                           | NA                                      | NA                        | NA                          | 6926.40                                           | 6928.53                               | 2.13                                    | 37.87                   | 26.1                            | 36.1                               |
| RW-2     | 11/1/2019     | NA                           | NA                                      | NA                        | NA                          | 6926.40                                           | 6928.53                               | 2.13                                    | 37.87                   | 26.1                            | 36.1                               |
| RW-2     | 3/4/2020      | NA                           | NA                                      | NA                        | NA                          | 6926.40                                           | 6928.53                               | 2.13                                    | 37.87                   | 26.1                            | 36.1                               |
| RW-2     | 6/30/2020     | 18.53                        | 18.87                                   | 0.34                      | 6907.53                     | 6926.40                                           | 6928.53                               | 2.13                                    | 37.67                   | 26.1                            | 36.1                               |
| RW-2     | 9/19/2020     | 19.97                        | 20.10                                   | 0.13                      | 6906.30                     | 6926.40                                           | 6928.53                               | 2.13                                    | 37.87                   | 26.1                            | 36.1                               |
| RW-2     | 11/9/2020     | 19.96                        | 20.15                                   | 0.19                      | 6906.25                     | 6926.40                                           | 6928.53                               | 2.13                                    | 37.87                   | 26.1                            | 36.1                               |
| RW-2     | 12/8/2020     | 20.07                        | 20.25                                   | 0.18                      | 6906.15                     | 6926.40                                           | 6928.53                               | 2.13                                    | 37.87                   | 26.1                            | 36.1                               |
| RW-2     | 1/28/2021     | ND                           | 20.27                                   | NA                        | 6906.13                     | 6926.40                                           | 6928.53                               | 2.13                                    | 37.87                   | 26.1                            | 36.1                               |
| RW-2     | 2/27/2021     | 20.27                        | 20.32                                   | 0.05                      | 6906.08                     | 6926.40                                           | 6928.53                               | 2.13                                    | 37.87                   | 26.1                            | 36.1                               |
| RW-2     | 3/31/2021     | 20.57                        | 20.72                                   | 0.15                      | 6905.68                     | 6926.40                                           | 6928.53                               | 2.13                                    | 37.87                   | 26.1                            | 36.1                               |
| RW-2     | 4/26/2021     | 20.92                        | 21.06                                   | 0.14                      | 6905.34                     | 6926.40                                           | 6928.53                               | 2.13                                    | 37.87                   | 26.1                            | 36.1                               |
| RW-2     | 5/20/2021     | 21.64                        | 21.73                                   | 0.09                      | 6904.67                     | 6926.40                                           | 6928.53                               | 2.13                                    | 37.87                   | 26.1                            | 36.1                               |
| RW-2     | 6/1/2021      | 21.64                        | 21.73                                   | 0.09                      | 6904.67                     | 6926.40                                           | 6928.53                               | 2.13                                    | 37.87                   | 26.1                            | 36.1                               |
| RW-2R    | 9/9/2021      | 19.09                        | 21.75                                   | 2.66                      | 6909.29                     | 6931.04                                           | 6934.21                               | 3.17                                    | NA                      | 11.5                            | 31.5                               |
| RW-2R    | 12/2/2021     | 19.33                        | 21.72                                   | 2.39                      | 6909.32                     | 6931.04                                           | 6934.21                               | 3.17                                    | NA                      | 11.5                            | 31.5                               |
| RW-2R    | 1/10/2022     | 19.03                        | 21.43                                   | 2.40                      | 6909.61                     | 6931.04                                           | 6934.21                               | 3.17                                    | 28.33                   | 11.5                            | 31.5                               |
| RW-2R    | 2/28/2022     | 19.09                        | 21.45                                   | 2.36                      | 6909.59                     | 6931.04                                           | 6934.21                               | 3.17                                    | 28.33                   | 11.5                            | 31.5                               |
| RW-2R    | 3/2/2022      | 19.27                        | 21.67                                   | 2.40                      | 6909.37                     | 6931.04                                           | 6934.21                               | 3.17                                    | 28.33                   | 11.5                            | 31.5                               |
| RW-2R    | 4/27/2022     | 19.67                        | 21.99                                   | 2.32                      | 6909.05                     | 6931.04                                           | 6934.21                               | 3.17                                    | 28.33                   | 11.5                            | 31.5                               |
| RW-2R    | 5/9/2022      | 19.81                        | 22.18                                   | 2.37                      | 6908.86                     | 6931.04                                           | 6934.21                               | 3.17                                    | 28.33                   | 11.5                            | 31.5                               |
| RW-2R    | 6/2/2022      | 20.03                        | 22.38                                   | 2.35                      | 6908.66                     | 6931.04                                           | 6934.21                               | 3.17                                    | 28.33                   | 11.5                            | 31.5                               |
| RW-2R    | 7/7/2022      | 20.34                        | 22.60                                   | 2.26                      | 6908.44                     | 6931.04                                           | 6934.21                               | 3.17                                    | 28.33                   | 11.5                            | 31.5                               |
| RW-2R    | 8/9/2022      | 20.52                        | 22.80                                   | 2.28                      | 6908.24                     | 6931.04                                           | 6934.21                               | 3.17                                    | 28.33                   | 11.5                            | 31.5                               |
| RW-2R    | 9/5/2022      | 20.80                        | 23.03                                   | 2.23                      | 6908.01                     | 6931.04                                           | 6934.21                               | 3.17                                    | 28.33                   | 11.5                            | 31.5                               |
| RW-2R    | 10/5/2022     | 20.99                        | 23.12                                   | 2.13                      | 6907.92                     | 6931.04                                           | 6934.21                               | 3.17                                    | 28.33                   | 11.5                            | 31.5                               |
| RW-2R    | 11/2/2022     | 21.11                        | 23.29                                   | 2.18                      | 6907.75                     | 6931.04                                           | 6934.21                               | 3.17                                    | 28.33                   | 11.5                            | 31.5                               |
| RW-2R    | 12/9/2022     | 21.10                        | 23.28                                   | 2.18                      | 6907.76                     | 6931.04                                           | 6934.21                               | 3.17                                    | 28.33                   | 11.5                            | 31.5                               |
| RW-5     | 3/14/2014     | ND                           | 25.88                                   | NA                        | 6915.65                     | 6941.53                                           | 6943.57                               | 2.04                                    | 37.55                   | 29.5                            | 39.5                               |
| RW-5     | 6/9/2014      | ND                           | 26.76                                   | NA                        | 6914.77                     | 6941.53                                           | 6943.57                               | 2.04                                    | 37.55                   | 29.5                            | 39.5                               |
| RW-5     | 9/18/2014     | ND                           | 26.77                                   | NA                        | 6914.76                     | 6941.53                                           | 6943.57                               | 2.04                                    | 37.55                   | 29.5                            | 39.5                               |
| RW-5     | 11/13/2014    | ND                           | 26.66                                   | NA                        | 6914.87                     | 6941.53                                           | 6943.57                               | 2.04                                    | 37.55                   | 29.5                            | 39.5                               |
| RW-5     | 3/23/2015     | ND                           | 27.06                                   | NA                        | 6914.47                     | 6941.53                                           | 6943.57                               | 2.04                                    | 37.55                   | 29.5                            | 39.5                               |
| RW-5     | 6/9/2015      | ND                           | 26.76                                   | NA                        | 6914.77                     | 6941.53                                           | 6943.57                               | 2.04                                    | 37.55                   | 29.5                            | 39.5                               |
| RW-5     | 8/23/2015     | ND                           | 27.04                                   | NA                        | 6914.49                     | 6941.53                                           | 6943.57                               | 2.04                                    | 37.55                   | 29.5                            | 39.5                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| RW-5     | 10/29/2015    | ND                           | 25.93                                   | NA                        | 6915.60                     | 6941.53                                           | 6943.57                               | 2.04                                    | 37.55                   | 29.5                            | 39.5                               |
| RW-5     | 3/4/2016      | ND                           | 26.18                                   | NA                        | 6915.35                     | 6941.53                                           | 6943.57                               | 2.04                                    | 37.55                   | 29.5                            | 39.5                               |
| RW-5     | 6/7/2016      | ND                           | 26.18                                   | NA                        | 6915.35                     | 6941.53                                           | 6943.57                               | 2.04                                    | 37.55                   | 29.5                            | 39.5                               |
| RW-5     | 9/13/2016     | ND                           | 25.66                                   | NA                        | 6915.87                     | 6941.53                                           | 6943.57                               | 2.04                                    | 37.55                   | 29.5                            | 39.5                               |
| RW-5     | 11/16/2016    | ND                           | 25.36                                   | NA                        | 6916.17                     | 6941.53                                           | 6943.57                               | 2.04                                    | 37.55                   | 29.5                            | 39.5                               |
| RW-5     | 3/16/2017     | ND                           | 25.49                                   | NA                        | 6916.04                     | 6941.53                                           | 6943.57                               | 2.04                                    | 37.55                   | 29.5                            | 39.5                               |
| RW-5     | 6/20/2017     | 23.26                        | 31.26                                   | 8.00                      | 6910.27                     | 6941.53                                           | 6943.57                               | 2.04                                    | 37.55                   | 29.5                            | 39.5                               |
| RW-5     | 9/19/2017     | 23.42                        | 29.61                                   | 6.19                      | 6911.92                     | 6941.53                                           | 6943.57                               | 2.04                                    | 37.55                   | 29.5                            | 39.5                               |
| RW-5     | 12/12/2017    | 22.71                        | 31.96                                   | 9.25                      | 6909.57                     | 6941.53                                           | 6943.57                               | 2.04                                    | 37.55                   | 29.5                            | 39.5                               |
| RW-5     | 2/9/2018      | 23.46                        | 31.56                                   | 8.10                      | 6909.97                     | 6941.53                                           | 6943.57                               | 2.04                                    | 37.55                   | 29.5                            | 39.5                               |
| RW-5     | 4/25/2018     | 24.58                        | 30.30                                   | 5.72                      | 6911.23                     | 6941.53                                           | 6943.57                               | 2.04                                    | 37.55                   | 29.5                            | 39.5                               |
| RW-5     | 8/16/2018     | 25.16                        | 30.54                                   | 5.38                      | 6910.99                     | 6941.53                                           | 6943.57                               | 2.04                                    | 37.47                   | 29.5                            | 39.5                               |
| RW-5     | 11/7/2018     | NA                           | NA                                      | NA                        | NA                          | 6941.53                                           | 6943.57                               | 2.04                                    | 37.47                   | 29.5                            | 39.5                               |
| RW-5     | 3/28/2019     | NA                           | NA                                      | NA                        | NA                          | 6941.53                                           | 6943.57                               | 2.04                                    | 37.47                   | 29.5                            | 39.5                               |
| RW-5     | 5/8/2019      | NA                           | NA                                      | NA                        | NA                          | 6941.53                                           | 6943.57                               | 2.04                                    | 37.47                   | 29.5                            | 39.5                               |
| RW-5     | 8/16/2019     | NA                           | NA                                      | NA                        | NA                          | 6941.53                                           | 6943.57                               | 2.04                                    | 37.47                   | 29.5                            | 39.5                               |
| RW-5     | 11/1/2019     | NA                           | NA                                      | NA                        | NA                          | 6941.53                                           | 6943.57                               | 2.04                                    | 37.47                   | 29.5                            | 39.5                               |
| RW-5     | 3/4/2020      | NA                           | NA                                      | NA                        | NA                          | 6941.53                                           | 6943.57                               | 2.04                                    | 37.47                   | 29.5                            | 39.5                               |
| RW-5     | 6/30/2020     | 26.61                        | 30.01                                   | 3.40                      | 6911.52                     | 6941.53                                           | 6943.57                               | 2.04                                    | 37.55                   | 29.5                            | 39.5                               |
| RW-5     | 9/19/2020     | 27.55                        | 30.77                                   | 3.22                      | 6910.76                     | 6941.53                                           | 6943.57                               | 2.04                                    | 37.47                   | 29.5                            | 39.5                               |
| RW-5     | 11/9/2020     | 27.82                        | 30.99                                   | 3.17                      | 6910.54                     | 6941.53                                           | 6943.57                               | 2.04                                    | 37.47                   | 29.5                            | 39.5                               |
| RW-5     | 12/8/2020     | 31.11                        | 37.47                                   | 6.36                      | 6904.06                     | 6941.53                                           | 6943.57                               | 2.04                                    | 37.47                   | 29.5                            | 39.5                               |
| RW-5     | 1/28/2021     | 30.38                        | 31.94                                   | 1.56                      | 6909.59                     | 6941.53                                           | 6943.57                               | 2.04                                    | 37.47                   | 29.5                            | 39.5                               |
| RW-5     | 2/27/2021     | 28.98                        | 29.61                                   | 0.63                      | 6911.92                     | 6941.53                                           | 6943.57                               | 2.04                                    | 37.47                   | 29.5                            | 39.5                               |
| RW-5     | 3/31/2021     | 28.06                        | 29.55                                   | 1.49                      | 6911.98                     | 6941.53                                           | 6943.57                               | 2.04                                    | 37.47                   | 29.5                            | 39.5                               |
| RW-5     | 4/26/2021     | 28.39                        | 29.72                                   | 1.33                      | 6911.81                     | 6941.53                                           | 6943.57                               | 2.04                                    | 37.47                   | 29.5                            | 39.5                               |
| RW-5     | 5/20/2021     | 28.72                        | 28.86                                   | 0.14                      | 6912.67                     | 6941.53                                           | 6943.57                               | 2.04                                    | 37.47                   | 29.5                            | 39.5                               |
| RW-5     | 6/1/2021      | 29.16                        | 29.82                                   | 0.66                      | 6911.71                     | 6941.53                                           | 6943.57                               | 2.04                                    | 37.47                   | 29.5                            | 39.5                               |
| RW-5     | 9/9/2021      | 28.30                        | 31.40                                   | 3.10                      | 6910.13                     | 6941.53                                           | 6943.57                               | 2.04                                    | 37.47                   | 29.5                            | 39.5                               |
| RW-5     | 12/2/2021     | 28.27                        | 30.64                                   | 2.37                      | 6910.89                     | 6941.53                                           | 6943.57                               | 2.04                                    | 37.47                   | 29.5                            | 39.5                               |
| RW-5     | 1/10/2022     | 28.11                        | 30.47                                   | 2.36                      | 6911.06                     | 6941.53                                           | 6943.57                               | 2.04                                    | 37.47                   | 29.5                            | 39.5                               |
| RW-5     | 2/28/2022     | 28.06                        | 30.44                                   | 2.38                      | 6911.09                     | 6941.53                                           | 6943.57                               | 2.04                                    | 37.47                   | 29.5                            | 39.5                               |
| RW-5     | 3/2/2022      | 28.26                        | 30.61                                   | 2.35                      | 6910.92                     | 6941.53                                           | 6943.57                               | 2.04                                    | 37.46                   | 29.5                            | 39.5                               |
| RW-5     | 4/27/2022     | 28.60                        | 30.99                                   | 2.39                      | 6910.54                     | 6941.53                                           | 6943.57                               | 2.04                                    | 37.47                   | 29.5                            | 39.5                               |
| RW-5     | 5/9/2022      | 28.75                        | 31.22                                   | 2.47                      | 6910.31                     | 6941.53                                           | 6943.57                               | 2.04                                    | 37.47                   | 29.5                            | 39.5                               |
| RW-5     | 6/2/2022      | 28.92                        | 31.14                                   | 2.22                      | 6910.39                     | 6941.53                                           | 6943.57                               | 2.04                                    | 37.47                   | 29.5                            | 39.5                               |
| RW-5     | 7/7/2022      | 29.13                        | 31.52                                   | 2.39                      | 6910.01                     | 6941.53                                           | 6943.57                               | 2.04                                    | 37.47                   | 29.5                            | 39.5                               |
| RW-5     | 8/9/2022      | 29.24                        | 31.49                                   | 2.25                      | 6910.04                     | 6941.53                                           | 6943.57                               | 2.04                                    | 37.47                   | 29.5                            | 39.5                               |
| RW-5     | 9/5/2022      | 29.36                        | 31.49                                   | 2.13                      | 6910.04                     | 6941.53                                           | 6943.57                               | 2.04                                    | 37.47                   | 29.5                            | 39.5                               |
| RW-5     | 10/5/2022     | 29.45                        | 31.44                                   | 1.99                      | 6910.09                     | 6941.53                                           | 6943.57                               | 2.04                                    | 37.47                   | 29.5                            | 39.5                               |
| RW-5     | 11/2/2022     | 29.53                        | 31.43                                   | 1.90                      | 6910.10                     | 6941.53                                           | 6943.57                               | 2.04                                    | 37.47                   | 29.5                            | 39.5                               |
| RW-5     | 12/9/2022     | 29.51                        | 31.29                                   | 1.78                      | 6910.24                     | 6941.53                                           | 6943.57                               | 2.04                                    | 37.47                   | 29.5                            | 39.5                               |
| RW-6     | 3/17/2014     | ND                           | 25.99                                   | NA                        | 6915.97                     | 6941.96                                           | 6944.01                               | 2.05                                    | 38.85                   | 28.5                            | 38.5                               |
| RW-6     | 6/23/2014     | ND                           | 26.80                                   | NA                        | 6915.16                     | 6941.96                                           | 6944.01                               | 2.05                                    | 38.85                   | 28.5                            | 38.5                               |
| RW-6     | 9/18/2014     | ND                           | 26.84                                   | NA                        | 6915.12                     | 6941.96                                           | 6944.01                               | 2.05                                    | 38.85                   | 28.5                            | 38.5                               |
| RW-6     | 11/13/2014    | ND                           | 26.78                                   | NA                        | 6915.18                     | 6941.96                                           | 6944.01                               | 2.05                                    | 38.85                   | 28.5                            | 38.5                               |
| RW-6     | 3/23/2015     | ND                           | 27.13                                   | NA                        | 6914.83                     | 6941.96                                           | 6944.01                               | 2.05                                    | 38.85                   | 28.5                            | 38.5                               |
| RW-6     | 6/9/2015      | ND                           | 26.63                                   | NA                        | 6915.33                     | 6941.96                                           | 6944.01                               | 2.05                                    | 38.85                   | 28.5                            | 38.5                               |



APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| RW-6     | 8/23/2015     | ND                           | 27.01                                   | NA                        | 6914.95                     | 6941.96                                           | 6944.01                               | 2.05                                    | 38.85                   | 28.5                            | 38.5                               |
| RW-6     | 10/29/2015    | ND                           | 25.92                                   | NA                        | 6916.04                     | 6941.96                                           | 6944.01                               | 2.05                                    | 38.85                   | 28.5                            | 38.5                               |
| RW-6     | 3/4/2016      | ND                           | 26.20                                   | NA                        | 6915.76                     | 6941.96                                           | 6944.01                               | 2.05                                    | 38.85                   | 28.5                            | 38.5                               |
| RW-6     | 6/7/2016      | ND                           | 26.19                                   | NA                        | 6915.77                     | 6941.96                                           | 6944.01                               | 2.05                                    | 38.85                   | 28.5                            | 38.5                               |
| RW-6     | 9/13/2016     | ND                           | 25.94                                   | NA                        | 6916.02                     | 6941.96                                           | 6944.01                               | 2.05                                    | 38.85                   | 28.5                            | 38.5                               |
| RW-6     | 11/16/2016    | ND                           | 25.67                                   | NA                        | 6916.29                     | 6941.96                                           | 6944.01                               | 2.05                                    | 38.85                   | 28.5                            | 38.5                               |
| RW-6     | 3/16/2017     | ND                           | 25.52                                   | NA                        | 6916.44                     | 6941.96                                           | 6944.01                               | 2.05                                    | 38.85                   | 28.5                            | 38.5                               |
| RW-6     | 6/20/2017     | 23.45                        | 31.57                                   | 8.12                      | 6910.39                     | 6941.96                                           | 6944.01                               | 2.05                                    | 38.85                   | 28.5                            | 38.5                               |
| RW-6     | 9/19/2017     | 23.84                        | 28.92                                   | 5.08                      | 6913.04                     | 6941.96                                           | 6944.01                               | 2.05                                    | 38.85                   | 28.5                            | 38.5                               |
| RW-6     | 12/12/2017    | 22.78                        | 31.80                                   | 9.02                      | 6910.16                     | 6941.96                                           | 6944.01                               | 2.05                                    | 38.85                   | 28.5                            | 38.5                               |
| RW-6     | 2/9/2018      | 23.60                        | 31.00                                   | 7.40                      | 6910.96                     | 6941.96                                           | 6944.01                               | 2.05                                    | 38.85                   | 28.5                            | 38.5                               |
| RW-6     | 4/25/2018     | 24.88                        | 29.64                                   | 4.76                      | 6912.32                     | 6941.96                                           | 6944.01                               | 2.05                                    | 38.78                   | 28.5                            | 38.5                               |
| RW-6     | 8/16/2018     | 25.38                        | 29.73                                   | 4.35                      | 6912.23                     | 6941.96                                           | 6944.01                               | 2.05                                    | 38.80                   | 28.5                            | 38.5                               |
| RW-6     | 11/7/2018     | NA                           | NA                                      | NA                        | NA                          | 6941.96                                           | 6944.01                               | 2.05                                    | 38.80                   | 28.5                            | 38.5                               |
| RW-6     | 3/28/2019     | NA                           | NA                                      | NA                        | NA                          | 6941.96                                           | 6944.01                               | 2.05                                    | 38.80                   | 28.5                            | 38.5                               |
| RW-6     | 5/8/2019      | NA                           | NA                                      | NA                        | NA                          | 6941.96                                           | 6944.01                               | 2.05                                    | 38.80                   | 28.5                            | 38.5                               |
| RW-6     | 8/16/2019     | NA                           | NA                                      | NA                        | NA                          | 6941.96                                           | 6944.01                               | 2.05                                    | 38.80                   | 28.5                            | 38.5                               |
| RW-6     | 3/4/2020      | NA                           | NA                                      | NA                        | NA                          | 6941.96                                           | 6944.01                               | 2.05                                    | 38.80                   | 28.5                            | 38.5                               |
| RW-6     | 6/30/2020     | 26.82                        | 28.45                                   | 1.63                      | 6913.51                     | 6941.96                                           | 6944.01                               | 2.05                                    | 38.85                   | 28.5                            | 38.5                               |
| RW-6     | 9/19/2020     | 27.67                        | 30.59                                   | 2.92                      | 6911.37                     | 6941.96                                           | 6944.01                               | 2.05                                    | 38.80                   | 28.5                            | 38.5                               |
| RW-6     | 11/9/2020     | 27.93                        | 31.00                                   | 3.07                      | 6910.96                     | 6941.96                                           | 6944.01                               | 2.05                                    | 38.80                   | 28.5                            | 38.5                               |
| RW-6     | 12/8/2020     | 28.13                        | 31.26                                   | 3.13                      | 6910.70                     | 6941.96                                           | 6944.01                               | 2.05                                    | 38.80                   | 28.5                            | 38.5                               |
| RW-6     | 1/28/2021     | 28.17                        | 31.07                                   | 2.90                      | 6910.89                     | 6941.96                                           | 6944.01                               | 2.05                                    | 38.80                   | 28.5                            | 38.5                               |
| RW-6     | 2/27/2021     | 28.40                        | 31.58                                   | 3.18                      | 6910.38                     | 6941.96                                           | 6944.01                               | 2.05                                    | 38.80                   | 28.5                            | 38.5                               |
| RW-6     | 3/31/2021     | 29.55                        | 29.65                                   | 0.10                      | 6912.31                     | 6941.96                                           | 6944.01                               | 2.05                                    | 38.80                   | 28.5                            | 38.5                               |
| RW-6     | 4/26/2021     | 29.53                        | 29.56                                   | 0.03                      | 6912.40                     | 6941.96                                           | 6944.01                               | 2.05                                    | 38.80                   | 28.5                            | 38.5                               |
| RW-6     | 5/20/2021     | 29.56                        | 29.59                                   | 0.03                      | 6912.37                     | 6941.96                                           | 6944.01                               | 2.05                                    | 38.80                   | 28.5                            | 38.5                               |
| RW-6     | 6/1/2021      | 30.06                        | 30.19                                   | 0.13                      | 6911.77                     | 6941.96                                           | 6944.01                               | 2.05                                    | 38.80                   | 28.5                            | 38.5                               |
| RW-6     | 9/9/2021      | 28.29                        | 31.39                                   | 3.10                      | 6910.57                     | 6941.96                                           | 6944.01                               | 2.05                                    | 38.80                   | 28.5                            | 38.5                               |
| RW-6     | 12/2/2021     | 28.35                        | 31.10                                   | 2.75                      | 6910.86                     | 6941.96                                           | 6944.01                               | 2.05                                    | 38.80                   | 28.5                            | 38.5                               |
| RW-6     | 1/10/2022     | 28.17                        | 31.05                                   | 2.88                      | 6910.91                     | 6941.96                                           | 6944.01                               | 2.05                                    | 38.80                   | 28.5                            | 38.5                               |
| RW-6     | 2/28/2022     | 28.23                        | 30.95                                   | 2.72                      | 6911.01                     | 6941.96                                           | 6944.01                               | 2.05                                    | 38.80                   | 28.5                            | 38.5                               |
| RW-6     | 3/2/2022      | 28.33                        | 31.06                                   | 2.73                      | 6910.90                     | 6941.96                                           | 6944.01                               | 2.05                                    | 38.80                   | 28.5                            | 38.5                               |
| RW-6     | 4/27/2022     | 28.93                        | 30.47                                   | 1.54                      | 6911.49                     | 6941.96                                           | 6944.01                               | 2.05                                    | 38.80                   | 28.5                            | 38.5                               |
| RW-6     | 5/9/2022      | 29.11                        | 30.65                                   | 1.54                      | 6911.31                     | 6941.96                                           | 6944.01                               | 2.05                                    | 38.80                   | 28.5                            | 38.5                               |
| RW-6     | 6/2/2022      | 28.30                        | 30.95                                   | 2.65                      | 6911.01                     | 6941.96                                           | 6944.01                               | 2.05                                    | 38.80                   | 28.5                            | 38.5                               |
| RW-6     | 7/7/2022      | 29.42                        | 31.20                                   | 1.78                      | 6910.76                     | 6941.96                                           | 6944.01                               | 2.05                                    | 38.80                   | 28.5                            | 38.5                               |
| RW-6     | 8/9/2022      | 29.51                        | 31.35                                   | 1.84                      | 6910.61                     | 6941.96                                           | 6944.01                               | 2.05                                    | 38.80                   | 28.5                            | 38.5                               |
| RW-6     | 9/5/2022      | 29.59                        | 31.52                                   | 1.93                      | 6910.44                     | 6941.96                                           | 6944.01                               | 2.05                                    | 38.80                   | 28.5                            | 38.5                               |
| RW-6     | 10/5/2022     | 29.68                        | 31.53                                   | 1.85                      | 6910.43                     | 6941.96                                           | 6944.01                               | 2.05                                    | 38.80                   | 28.5                            | 38.5                               |
| RW-6     | 11/2/2022     | 29.76                        | 31.54                                   | 1.78                      | 6910.42                     | 6941.96                                           | 6944.01                               | 2.05                                    | 38.80                   | 28.5                            | 38.5                               |
| RW-6     | 12/9/2022     | 29.70                        | 31.48                                   | 1.78                      | 6910.48                     | 6941.96                                           | 6944.01                               | 2.05                                    | 38.80                   | 28.5                            | 38.5                               |
| SMW-2    | 9/11/2014     | ND                           | 22.76                                   | NA                        | 6858.87                     | 6881.63                                           | 6883.97                               | 2.34                                    | 50.46                   | 34.3                            | 54.3                               |
| SMW-2    | 8/10/2015     | ND                           | 22.54                                   | NA                        | 6859.09                     | 6881.63                                           | 6883.97                               | 2.34                                    | 50.46                   | 34.3                            | 54.3                               |
| SMW-2    | 9/9/2016      | ND                           | 22.50                                   | NA                        | 6859.13                     | 6881.63                                           | 6883.97                               | 2.34                                    | 50.46                   | 34.3                            | 54.3                               |
| SMW-2    | 9/11/2017     | ND                           | 22.45                                   | NA                        | 6859.18                     | 6881.63                                           | 6883.97                               | 2.34                                    | 50.46                   | 34.3                            | 54.3                               |
| SMW-2    | 8/15/2018     | ND                           | 22.15                                   | NA                        | 6859.48                     | 6881.63                                           | 6883.97                               | 2.34                                    | 50.46                   | 34.3                            | 54.3                               |
| SMW-2    | 8/19/2019     | ND                           | 22.96                                   | NA                        | 6858.67                     | 6881.63                                           | 6883.97                               | 2.34                                    | 50.46                   | 34.3                            | 54.3                               |



APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| SMW-2    | 6/30/2020     | ND                           | 21.91                                   | NA                        | 6859.72                     | 6881.63                                           | 6883.97                               | 2.34                                    | 50.46                   | 34.3                            | 54.3                               |
| SMW-2    | 9/14/2020     | ND                           | 22.36                                   | NA                        | 6859.27                     | 6881.63                                           | 6883.97                               | 2.34                                    | 50.77                   | 34.3                            | 54.3                               |
| SMW-2    | 9/29/2021     | ND                           | 22.21                                   | NA                        | 6859.42                     | 6881.63                                           | 6883.97                               | 2.34                                    | 50.77                   | 34.3                            | 54.3                               |
| SMW-2    | 9/2/2022      | ND                           | 22.33                                   | NA                        | 6859.30                     | 6881.63                                           | 6883.97                               | 2.34                                    | 50.64                   | 34.3                            | 54.3                               |
| SMW-2    | 10/5/2022     | ND                           | 22.31                                   | NA                        | 6859.32                     | 6881.63                                           | 6883.97                               | 2.34                                    | 50.64                   | 34.3                            | 54.3                               |
| SMW-4    | 9/11/2014     | ND                           | 27.21                                   | NA                        | 6850.42                     | 6877.63                                           | 6879.52                               | 1.89                                    | 67.79                   | 51.7                            | 71.7                               |
| SMW-4    | 8/10/2015     | ND                           | 27.43                                   | NA                        | 6850.20                     | 6877.63                                           | 6879.52                               | 1.89                                    | 67.79                   | 51.7                            | 71.7                               |
| SMW-4    | 9/6/2016      | ND                           | 27.11                                   | NA                        | 6850.52                     | 6877.63                                           | 6879.52                               | 1.89                                    | 67.79                   | 51.7                            | 71.7                               |
| SMW-4    | 9/11/2017     | ND                           | 27.44                                   | NA                        | 6850.19                     | 6877.63                                           | 6879.52                               | 1.89                                    | 67.79                   | 51.7                            | 71.7                               |
| SMW-4    | 8/15/2018     | ND                           | 27.15                                   | NA                        | 6850.48                     | 6877.63                                           | 6879.52                               | 1.89                                    | 67.79                   | 51.7                            | 71.7                               |
| SMW-4    | 12/6/2018     | ND                           | 27.36                                   | NA                        | 6850.27                     | 6877.63                                           | 6879.52                               | 1.89                                    | 67.79                   | 51.7                            | 71.7                               |
| SMW-4    | 8/13/2019     | ND                           | 27.21                                   | NA                        | 6850.42                     | 6877.63                                           | 6879.52                               | 1.89                                    | 67.79                   | 51.7                            | 71.7                               |
| SMW-4    | 6/30/2020     | ND                           | 27.28                                   | NA                        | 6850.35                     | 6877.63                                           | 6879.52                               | 1.89                                    | 67.79                   | 51.7                            | 71.7                               |
| SMW-4    | 9/14/2020     | ND                           | 27.26                                   | NA                        | 6850.37                     | 6877.63                                           | 6879.52                               | 1.89                                    | 61.01                   | 51.7                            | 71.7                               |
| SMW-4    | 9/28/2021     | ND                           | 27.19                                   | NA                        | 6850.44                     | 6877.63                                           | 6879.52                               | 1.89                                    | 61.01                   | 51.7                            | 71.7                               |
| SMW-4    | 9/2/2022      | ND                           | 26.14                                   | NA                        | 6851.49                     | 6877.63                                           | 6879.52                               | 1.89                                    | 63.76                   | 51.7                            | 71.7                               |
| SMW-4    | 10/5/2022     | ND                           | 26.11                                   | NA                        | 6851.52                     | 6877.63                                           | 6879.52                               | 1.89                                    | 63.76                   | 51.7                            | 71.7                               |
| STP1-NW  | 3/10/2015     | ND                           | 20.77                                   | NA                        | 6883.73                     | 6904.50                                           | 6904.47                               | -0.03                                   | 50.03                   | 20.0                            | 50.0                               |
| STP1-NW  | 6/2/2015      | ND                           | 20.75                                   | NA                        | 6883.75                     | 6904.50                                           | 6904.47                               | -0.03                                   | 50.03                   | 20.0                            | 50.0                               |
| STP1-NW  | 8/11/2015     | ND                           | 20.82                                   | NA                        | 6883.68                     | 6904.50                                           | 6904.47                               | -0.03                                   | 50.03                   | 20.0                            | 50.0                               |
| STP1-NW  | 10/29/2015    | ND                           | 20.63                                   | NA                        | 6883.87                     | 6904.50                                           | 6904.47                               | -0.03                                   | 50.03                   | 20.0                            | 50.0                               |
| STP1-NW  | 3/1/2016      | ND                           | 20.58                                   | NA                        | 6883.92                     | 6904.50                                           | 6904.47                               | -0.03                                   | 50.03                   | 20.0                            | 50.0                               |
| STP1-NW  | 6/7/2016      | ND                           | 20.92                                   | NA                        | 6883.58                     | 6904.50                                           | 6904.47                               | -0.03                                   | 50.03                   | 20.0                            | 50.0                               |
| STP1-NW  | 9/9/2016      | ND                           | 21.23                                   | NA                        | 6883.27                     | 6904.50                                           | 6904.47                               | -0.03                                   | 50.03                   | 20.0                            | 50.0                               |
| STP1-NW  | 11/14/2016    | ND                           | 21.05                                   | NA                        | 6883.45                     | 6904.50                                           | 6904.47                               | -0.03                                   | 50.03                   | 20.0                            | 50.0                               |
| STP1-NW  | 2/21/2017     | ND                           | 20.50                                   | NA                        | 6884.00                     | 6904.50                                           | 6904.47                               | -0.03                                   | 50.03                   | 20.0                            | 50.0                               |
| STP1-NW  | 6/2/2017      | ND                           | 20.69                                   | NA                        | 6883.81                     | 6904.50                                           | 6904.47                               | -0.03                                   | 50.03                   | 20.0                            | 50.0                               |
| STP1-NW  | 9/5/2017      | ND                           | 20.84                                   | NA                        | 6883.66                     | 6904.50                                           | 6904.47                               | -0.03                                   | 50.03                   | 20.0                            | 50.0                               |
| STP1-NW  | 12/4/2017     | ND                           | 20.58                                   | NA                        | 6883.92                     | 6904.50                                           | 6904.47                               | -0.03                                   | 49.77                   | 20.0                            | 50.0                               |
| STP1-NW  | 2/9/2018      | ND                           | 20.58                                   | NA                        | 6883.92                     | 6904.50                                           | 6904.47                               | -0.03                                   | 49.76                   | 20.0                            | 50.0                               |
| STP1-NW  | 4/26/2018     | ND                           | 20.67                                   | NA                        | 6883.83                     | 6904.50                                           | 6904.47                               | -0.03                                   | 49.68                   | 20.0                            | 50.0                               |
| STP1-NW  | 8/15/2018     | ND                           | 20.95                                   | NA                        | 6883.55                     | 6904.50                                           | 6904.47                               | -0.03                                   | 49.81                   | 20.0                            | 50.0                               |
| STP1-NW  | 11/19/2018    | NA                           | NA                                      | NA                        | NA                          | 6904.50                                           | 6904.47                               | -0.03                                   | 49.81                   | 20.0                            | 50.0                               |
| STP1-NW  | 2/13/2019     | ND                           | 20.38                                   | NA                        | 6884.12                     | 6904.50                                           | 6904.47                               | -0.03                                   | 50.03                   | 20.0                            | 50.0                               |
| STP1-NW  | 5/8/2019      | ND                           | 19.57                                   | NA                        | 6884.93                     | 6904.50                                           | 6904.47                               | -0.03                                   | 50.03                   | 20.0                            | 50.0                               |
| STP1-NW  | 8/21/2019     | ND                           | 20.82                                   | NA                        | 6883.68                     | 6904.50                                           | 6904.47                               | -0.03                                   | 50.03                   | 20.0                            | 50.0                               |
| STP1-NW  | 10/22/2019    | ND                           | 20.79                                   | NA                        | 6883.71                     | 6904.50                                           | 6904.47                               | -0.03                                   | 50.03                   | 20.0                            | 50.0                               |
| STP1-NW  | 3/3/2020      | ND                           | 20.30                                   | NA                        | 6884.20                     | 6904.50                                           | 6904.47                               | -0.03                                   | 50.03                   | 20.0                            | 50.0                               |
| STP1-NW  | 6/30/2020     | ND                           | 20.70                                   | NA                        | 6883.80                     | 6904.50                                           | 6904.47                               | -0.03                                   | 50.03                   | 20.0                            | 50.0                               |
| STP1-NW  | 12/8/2020     | ND                           | 20.81                                   | NA                        | 6883.69                     | 6904.50                                           | 6904.47                               | -0.03                                   | 50.31                   | 20.0                            | 50.0                               |
| STP1-NW  | 1/28/2021     | ND                           | 20.79                                   | NA                        | 6883.71                     | 6904.50                                           | 6904.47                               | -0.03                                   | 50.59                   | 20.0                            | 50.0                               |
| STP1-NW  | 2/28/2021     | ND                           | 20.63                                   | NA                        | 6883.87                     | 6904.50                                           | 6904.47                               | -0.03                                   | 49.88                   | 20.0                            | 50.0                               |
| STP1-NW  | 3/31/2021     | ND                           | 21.98                                   | NA                        | 6882.52                     | 6904.50                                           | 6904.47                               | -0.03                                   | 49.17                   | 20.0                            | 50.0                               |
| STP1-NW  | 4/26/2021     | ND                           | 20.84                                   | NA                        | 6883.66                     | 6904.50                                           | 6904.47                               | -0.03                                   | 48.46                   | 20.0                            | 50.0                               |
| STP1-NW  | 5/20/2021     | ND                           | 22.22                                   | NA                        | 6882.28                     | 6904.50                                           | 6904.47                               | -0.03                                   | 47.75                   | 20.0                            | 50.0                               |
| STP1-NW  | 6/3/2021      | ND                           | 22.19                                   | NA                        | 6882.31                     | 6904.50                                           | 6904.47                               | -0.03                                   | 47.75                   | 20.0                            | 50.0                               |
| STP1-NW  | 9/8/2021      | ND                           | 21.78                                   | NA                        | 6882.72                     | 6904.50                                           | 6904.47                               | -0.03                                   | 47.75                   | 20.0                            | 50.0                               |
| STP1-NW  | 12/13/2021    | ND                           | 21.55                                   | NA                        | 6882.95                     | 6904.50                                           | 6904.47                               | -0.03                                   | 47.75                   | 20.0                            | 50.0                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| STP1-NW  | 1/10/2022     | ND                           | 20.97                                   | NA                        | 6883.53                     | 6904.50                                           | 6904.47                               | -0.03                                   | 47.75                   | 20.0                            | 50.0                               |
| STP1-NW  | 2/28/2022     | ND                           | 21.12                                   | NA                        | 6883.38                     | 6904.50                                           | 6904.47                               | -0.03                                   | 47.75                   | 20.0                            | 50.0                               |
| STP1-NW  | 3/1/2022      | ND                           | 21.58                                   | NA                        | 6882.92                     | 6904.50                                           | 6904.47                               | -0.03                                   | 47.73                   | 20.0                            | 50.0                               |
| STP1-NW  | 4/27/2022     | ND                           | 22.90                                   | NA                        | 6881.60                     | 6904.50                                           | 6904.47                               | -0.03                                   | 47.75                   | 20.0                            | 50.0                               |
| STP1-NW  | 5/5/2022      | ND                           | 22.70                                   | NA                        | 6881.80                     | 6904.50                                           | 6904.47                               | -0.03                                   | 47.75                   | 20.0                            | 50.0                               |
| STP1-NW  | 6/2/2022      | ND                           | 21.30                                   | NA                        | 6883.20                     | 6904.50                                           | 6904.47                               | -0.03                                   | 49.52                   | 20.0                            | 50.0                               |
| STP1-NW  | 7/7/2022      | ND                           | 24.69                                   | NA                        | 6879.81                     | 6904.50                                           | 6904.47                               | -0.03                                   | 47.75                   | 20.0                            | 50.0                               |
| STP1-NW  | 8/9/2022      | ND                           | 24.22                                   | NA                        | 6880.28                     | 6904.50                                           | 6904.47                               | -0.03                                   | 47.75                   | 20.0                            | 50.0                               |
| STP1-NW  | 9/2/2022      | ND                           | 20.87                                   | NA                        | 6883.63                     | 6904.50                                           | 6904.47                               | -0.03                                   | 49.53                   | 20.0                            | 50.0                               |
| STP1-NW  | 10/5/2022     | ND                           | 21.16                                   | NA                        | 6883.34                     | 6904.50                                           | 6904.47                               | -0.03                                   | 49.53                   | 20.0                            | 50.0                               |
| STP1-NW  | 11/2/2022     | ND                           | 21.29                                   | NA                        | 6883.21                     | 6904.50                                           | 6904.47                               | -0.03                                   | 49.53                   | 20.0                            | 50.0                               |
| STP1-NW  | 12/11/2022    | ND                           | 20.78                                   | NA                        | 6883.72                     | 6904.50                                           | 6904.47                               | -0.03                                   | 49.53                   | 20.0                            | 50.0                               |
| STP1-NW  | 12/15/2022    | ND                           | 21.28                                   | NA                        | 6883.22                     | 6904.50                                           | 6904.47                               | -0.03                                   | 49.53                   | 20.0                            | 50.0                               |
| STP1-SW  | 3/10/2015     | ND                           | Dry                                     | NA                        | Dry                         | 6912.40                                           | 6912.38                               | -0.02                                   | 29.12                   | 15.0                            | 30.0                               |
| STP1-SW  | 6/2/2015      | ND                           | Dry                                     | NA                        | Dry                         | 6912.40                                           | 6912.38                               | -0.02                                   | 29.12                   | 15.0                            | 30.0                               |
| STP1-SW  | 8/11/2015     | ND                           | Dry                                     | NA                        | Dry                         | 6912.40                                           | 6912.38                               | -0.02                                   | 29.12                   | 15.0                            | 30.0                               |
| STP1-SW  | 10/29/2015    | ND                           | Dry                                     | NA                        | Dry                         | 6912.40                                           | 6912.38                               | -0.02                                   | 29.12                   | 15.0                            | 30.0                               |
| STP1-SW  | 3/8/2016      | ND                           | Dry                                     | NA                        | Dry                         | 6912.40                                           | 6912.38                               | -0.02                                   | 29.12                   | 15.0                            | 30.0                               |
| STP1-SW  | 6/7/2016      | ND                           | Dry                                     | NA                        | Dry                         | 6912.40                                           | 6912.38                               | -0.02                                   | 29.12                   | 15.0                            | 30.0                               |
| STP1-SW  | 9/9/2016      | ND                           | Dry                                     | NA                        | Dry                         | 6912.40                                           | 6912.38                               | -0.02                                   | 29.12                   | 15.0                            | 30.0                               |
| STP1-SW  | 11/14/2016    | ND                           | Dry                                     | NA                        | Dry                         | 6912.40                                           | 6912.38                               | -0.02                                   | 29.12                   | 15.0                            | 30.0                               |
| STP1-SW  | 2/21/2017     | NA                           | NA                                      | NA                        | NA                          | 6912.40                                           | 6912.38                               | -0.02                                   | 29.12                   | 15.0                            | 30.0                               |
| STP1-SW  | 6/2/2017      | NA                           | NA                                      | NA                        | NA                          | 6912.40                                           | 6912.38                               | -0.02                                   | 29.12                   | 15.0                            | 30.0                               |
| STP1-SW  | 9/5/2017      | NA                           | NA                                      | NA                        | NA                          | 6912.40                                           | 6912.38                               | -0.02                                   | 29.12                   | 15.0                            | 30.0                               |
| STP1-SW  | 12/4/2017     | NA                           | NA                                      | NA                        | NA                          | 6912.40                                           | 6912.38                               | -0.02                                   | 29.12                   | 15.0                            | 30.0                               |
| STP1-SW  | 2/9/2018      | NA                           | NA                                      | NA                        | NA                          | 6912.40                                           | 6912.38                               | -0.02                                   | 29.12                   | 15.0                            | 30.0                               |
| STP1-SW  | 4/26/2018     | NA                           | NA                                      | NA                        | NA                          | 6912.40                                           | 6912.38                               | -0.02                                   | 29.12                   | 15.0                            | 30.0                               |
| STP1-SW  | 8/15/2018     | NA                           | NA                                      | NA                        | NA                          | 6912.40                                           | 6912.38                               | -0.02                                   | 29.12                   | 15.0                            | 30.0                               |
| STP1-SW  | 11/19/2018    | NA                           | NA                                      | NA                        | NA                          | 6912.40                                           | 6912.38                               | -0.02                                   | 29.12                   | 15.0                            | 30.0                               |
| STP1-SW  | 2/13/2019     | NA                           | NA                                      | NA                        | NA                          | 6912.40                                           | 6912.38                               | -0.02                                   | 29.12                   | 15.0                            | 30.0                               |
| STP1-SW  | 5/8/2019      | NA                           | NA                                      | NA                        | NA                          | 6912.40                                           | 6912.38                               | -0.02                                   | 29.12                   | 15.0                            | 30.0                               |
| STP1-SW  | 8/21/2019     | NA                           | NA                                      | NA                        | NA                          | 6912.40                                           | 6912.38                               | -0.02                                   | 29.12                   | 15.0                            | 30.0                               |
| STP1-SW  | 10/22/2019    | NA                           | NA                                      | NA                        | NA                          | 6912.40                                           | 6912.38                               | -0.02                                   | 29.12                   | 15.0                            | 30.0                               |
| STP1-SW  | 3/3/2020      | NA                           | NA                                      | NA                        | NA                          | 6912.40                                           | 6912.38                               | -0.02                                   | 29.12                   | 15.0                            | 30.0                               |
| STP1-SW  | 12/8/2020     | NA                           | 29.25                                   | NA                        | 6883.15                     | 6912.40                                           | 6912.38                               | -0.02                                   | 29.27                   | 15.0                            | 30.0                               |
| STP1-SW  | 2/28/2021     | 29.12                        | 29.14                                   | 0.02                      | 6883.26                     | 6912.40                                           | 6912.38                               | -0.02                                   | 29.17                   | 15.0                            | 30.0                               |
| STP1-SW  | 3/31/2021     | ND                           | 29.17                                   | NA                        | 6883.23                     | 6912.40                                           | 6912.38                               | -0.02                                   | 29.18                   | 15.0                            | 30.0                               |
| STP1-SW  | 4/26/2021     | ND                           | 28.98                                   | NA                        | 6883.42                     | 6912.40                                           | 6912.38                               | -0.02                                   | 29.18                   | 15.0                            | 30.0                               |
| STP1-SW  | 5/22/2021     | ND                           | 29.72                                   | NA                        | 6882.68                     | 6912.40                                           | 6912.38                               | -0.02                                   | 29.18                   | 15.0                            | 30.0                               |
| STP1-SW  | 6/3/2021      | ND                           | Dry                                     | NA                        | Dry                         | 6912.40                                           | 6912.38                               | -0.02                                   | 29.18                   | 15.0                            | 30.0                               |
| STP1-SW  | 9/8/2021      | ND                           | Dry                                     | NA                        | Dry                         | 6912.40                                           | 6912.38                               | -0.02                                   | 29.18                   | 15.0                            | 30.0                               |
| STP1-SW  | 12/9/2021     | ND                           | Dry                                     | NA                        | Dry                         | 6912.40                                           | 6912.38                               | -0.02                                   | 29.18                   | 15.0                            | 30.0                               |
| STP1-SW  | 1/10/2022     | ND                           | Dry                                     | NA                        | Dry                         | 6912.40                                           | 6912.38                               | -0.02                                   | 29.18                   | 15.0                            | 30.0                               |
| STP1-SW  | 2/28/2022     | ND                           | Dry                                     | NA                        | Dry                         | 6912.40                                           | 6912.38                               | -0.02                                   | 29.18                   | 15.0                            | 30.0                               |
| STP1-SW  | 3/1/2022      | ND                           | Dry                                     | NA                        | Dry                         | 6912.40                                           | 6912.38                               | -0.02                                   | 29.18                   | 15.0                            | 30.0                               |
| STP1-SW  | 4/27/2022     | ND                           | Dry                                     | NA                        | Dry                         | 6912.40                                           | 6912.38                               | -0.02                                   | 29.18                   | 15.0                            | 30.0                               |
| STP1-SW  | 5/5/2022      | ND                           | Dry                                     | NA                        | Dry                         | 6912.40                                           | 6912.38                               | -0.02                                   | 29.18                   | 15.0                            | 30.0                               |
| STP1-SW  | 6/2/2022      | ND                           | Dry                                     | NA                        | Dry                         | 6912.40                                           | 6912.38                               | -0.02                                   | 29.18                   | 15.0                            | 30.0                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location        | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|-----------------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| STP1-SW         | 7/7/2022      | ND                           | Dry                                     | NA                        | Dry                         | 6912.40                                           | 6912.38                               | -0.02                                   | 29.18                   | 15.0                            | 30.0                               |
| STP1-SW         | 8/9/2022      | ND                           | Dry                                     | NA                        | Dry                         | 6912.40                                           | 6912.38                               | -0.02                                   | 29.18                   | 15.0                            | 30.0                               |
| STP1-SW         | 9/2/2022      | ND                           | Dry                                     | NA                        | Dry                         | 6912.40                                           | 6912.38                               | -0.02                                   | 29.18                   | 15.0                            | 30.0                               |
| STP1-SW         | 10/5/2022     | ND                           | Dry                                     | NA                        | Dry                         | 6912.40                                           | 6912.38                               | -0.02                                   | 29.18                   | 15.0                            | 30.0                               |
| STP1-SW         | 11/2/2022     | ND                           | Dry                                     | NA                        | Dry                         | 6912.40                                           | 6912.38                               | -0.02                                   | 29.18                   | 15.0                            | 30.0                               |
| STP1-SW         | 12/6/2022     | ND                           | Dry                                     | NA                        | Dry                         | 6912.40                                           | 6912.38                               | -0.02                                   | 29.18                   | 15.0                            | 30.0                               |
| Sonsela Aquifer |               |                              |                                         |                           |                             |                                                   |                                       |                                         |                         |                                 |                                    |
| BW-1C           | 9/10/2014     | ND                           | 10.46                                   | NA                        | 6872.71                     | 6883.17                                           | 6885.68                               | 2.51                                    | 142.78                  | 125.0                           | 135.0                              |
| BW-1C           | 8/10/2015     | ND                           | 9.82                                    | NA                        | 6873.35                     | 6883.17                                           | 6885.68                               | 2.51                                    | 142.78                  | 125.0                           | 135.0                              |
| BW-1C           | 9/8/2016      | ND                           | 10.04                                   | NA                        | 6873.13                     | 6883.17                                           | 6885.68                               | 2.51                                    | 142.78                  | 125.0                           | 135.0                              |
| BW-1C           | 9/13/2017     | ND                           | 10.09                                   | NA                        | 6873.08                     | 6883.17                                           | 6885.68                               | 2.51                                    | 142.78                  | 125.0                           | 135.0                              |
| BW-1C           | 8/15/2018     | ND                           | 10.39                                   | NA                        | 6872.78                     | 6883.17                                           | 6885.68                               | 2.51                                    | 142.78                  | 125.0                           | 135.0                              |
| BW-1C           | 8/14/2019     | ND                           | 9.88                                    | NA                        | 6873.29                     | 6883.17                                           | 6885.68                               | 2.51                                    | 142.78                  | 125.0                           | 135.0                              |
| BW-1C           | 9/14/2020     | ND                           | 11.38                                   | NA                        | 6871.79                     | 6883.17                                           | 6885.68                               | 2.51                                    | 142.78                  | 125.0                           | 135.0                              |
| BW-1C           | 9/28/2021     | ND                           | 11.97                                   | NA                        | 6871.20                     | 6883.17                                           | 6885.68                               | 2.51                                    | 142.78                  | 125.0                           | 135.0                              |
| BW-1C           | 9/2/2022      | ND                           | 11.27                                   | NA                        | 6871.90                     | 6883.17                                           | 6885.68                               | 2.51                                    | 142.78                  | 125.0                           | 135.0                              |
| BW-2C           | 9/10/2014     | ND                           | 18.30                                   | NA                        | 6854.60                     | 6872.90                                           | 6875.30                               | 2.40                                    | 150.44                  | 139.5                           | 149.5                              |
| BW-2C           | 8/10/2015     | ND                           | 18.16                                   | NA                        | 6854.74                     | 6872.90                                           | 6875.30                               | 2.40                                    | 150.44                  | 139.5                           | 149.5                              |
| BW-2C           | 9/8/2016      | ND                           | 18.23                                   | NA                        | 6854.67                     | 6872.90                                           | 6875.30                               | 2.40                                    | 150.44                  | 139.5                           | 149.5                              |
| BW-2C           | 9/13/2017     | ND                           | 18.50                                   | NA                        | 6854.40                     | 6872.90                                           | 6875.30                               | 2.40                                    | 150.44                  | 139.5                           | 149.5                              |
| BW-2C           | 8/15/2018     | ND                           | 18.45                                   | NA                        | 6854.45                     | 6872.90                                           | 6875.30                               | 2.40                                    | 150.44                  | 139.5                           | 149.5                              |
| BW-2C           | 8/14/2019     | ND                           | 18.80                                   | NA                        | 6854.10                     | 6872.90                                           | 6875.30                               | 2.40                                    | 150.44                  | 139.5                           | 149.5                              |
| BW-2C           | 9/14/2020     | ND                           | 18.92                                   | NA                        | 6853.98                     | 6872.90                                           | 6875.30                               | 2.40                                    | 146.70                  | 139.5                           | 149.5                              |
| BW-2C           | 9/28/2021     | ND                           | 18.78                                   | NA                        | 6854.12                     | 6872.90                                           | 6875.30                               | 2.40                                    | 146.70                  | 139.5                           | 149.5                              |
| BW-2C           | 9/27/2022     | ND                           | 18.80                                   | NA                        | 6854.10                     | 6872.90                                           | 6875.30                               | 2.40                                    | 137.60                  | 139.5                           | 149.5                              |
| BW-3C           | 9/10/2014     | ND                           | 5.60                                    | NA                        | 6870.12                     | 6875.72                                           | 6877.95                               | 2.23                                    | 152.32                  | 144.5                           | 154.5                              |
| BW-3C           | 8/10/2015     | ND                           | 5.52                                    | NA                        | 6870.20                     | 6875.72                                           | 6877.95                               | 2.23                                    | 152.32                  | 144.5                           | 154.5                              |
| BW-3C           | 9/8/2016      | ND                           | 6.07                                    | NA                        | 6869.65                     | 6875.72                                           | 6877.95                               | 2.23                                    | 152.32                  | 144.5                           | 154.5                              |
| BW-3C           | 9/13/2017     | ND                           | 5.57                                    | NA                        | 6870.15                     | 6875.72                                           | 6877.95                               | 2.23                                    | 152.32                  | 144.5                           | 154.5                              |
| BW-3C           | 8/15/2018     | ND                           | 5.95                                    | NA                        | 6869.77                     | 6875.72                                           | 6877.95                               | 2.23                                    | 152.32                  | 144.5                           | 154.5                              |
| BW-3C           | 8/14/2019     | ND                           | 5.63                                    | NA                        | 6870.09                     | 6875.72                                           | 6877.95                               | 2.23                                    | 152.32                  | 144.5                           | 154.5                              |
| BW-3C           | 9/14/2020     | ND                           | 6.29                                    | NA                        | 6869.43                     | 6875.72                                           | 6877.95                               | 2.23                                    | 147.97                  | 144.5                           | 154.5                              |
| BW-3C           | 9/28/2021     | ND                           | 6.75                                    | NA                        | 6868.97                     | 6875.72                                           | 6877.95                               | 2.23                                    | 147.97                  | 144.5                           | 154.5                              |
| BW-3C           | 9/27/2022     | ND                           | 6.37                                    | NA                        | 6869.35                     | 6875.72                                           | 6877.95                               | 2.23                                    | 141.77                  | 144.5                           | 154.5                              |
| BW-5C           | 9/21/2017     | ND                           | 0.36                                    | NA                        | 6873.86                     | 6874.22                                           | 6876.85                               | 2.63                                    | 73.72                   | 64.3                            | 74.3                               |
| BW-5C           | 12/8/2017     | ND                           | 0.17                                    | NA                        | 6874.05                     | 6874.22                                           | 6876.85                               | 2.63                                    | 73.72                   | 64.3                            | 74.3                               |
| BW-5C           | 2/26/2018     | ND                           | 0.00                                    | NA                        | 6874.22                     | 6874.22                                           | 6876.85                               | 2.63                                    | 73.72                   | 64.3                            | 74.3                               |
| BW-5C           | 4/25/2018     | ND                           | -0.08                                   | NA                        | 6874.30                     | 6874.22                                           | 6876.85                               | 2.63                                    | 73.72                   | 64.3                            | 74.3                               |
| BW-5C           | 8/15/2018     | ND                           | 0.69                                    | NA                        | 6873.53                     | 6874.22                                           | 6876.85                               | 2.63                                    | 73.72                   | 64.3                            | 74.3                               |
| BW-5C           | 11/13/2018    | ND                           | 0.86                                    | NA                        | 6873.36                     | 6874.22                                           | 6876.85                               | 2.63                                    | 73.72                   | 64.3                            | 74.3                               |
| BW-5C           | 3/27/2019     | ND                           | -1.02                                   | NA                        | 6874.86                     | 6874.22                                           | 6876.85                               | 3.01                                    | 73.34                   | 64.3                            | 74.3                               |
| BW-5C           | 5/21/2019     | ND                           | -1.41                                   | NA                        | 6875.25                     | 6874.22                                           | 6876.85                               | 3.01                                    | 73.34                   | 64.3                            | 74.3                               |
| BW-5C           | 8/15/2019     | ND                           | -0.32                                   | NA                        | 6874.16                     | 6874.22                                           | 6876.85                               | 3.01                                    | 73.34                   | 64.3                            | 74.3                               |
| BW-5C           | 10/16/2019    | ND                           | 0.49                                    | NA                        | 6873.35                     | 6874.22                                           | 6876.85                               | 3.01                                    | 73.34                   | 64.3                            | 74.3                               |
| BW-5C           | 3/5/2020      | ND                           | -0.21                                   | NA                        | 6874.05                     | 6874.22                                           | 6876.85                               | 3.01                                    | 73.34                   | 64.3                            | 74.3                               |
| BW-5C           | 6/26/2020     | ND                           | 0.37                                    | NA                        | 6873.47                     | 6874.22                                           | 6876.85                               | 3.01                                    | 64.34                   | 64.3                            | 74.3                               |
| BW-5C           | 9/14/2020     | ND                           | 1.35                                    | NA                        | 6872.49                     | 6874.22                                           | 6876.85                               | 3.01                                    | 73.34                   | 64.3                            | 74.3                               |
| BW-5C           | 12/7/2020     | ND                           | 1.26                                    | NA                        | 6872.58                     | 6874.22                                           | 6876.85                               | 3.01                                    | 73.34                   | 64.3                            | 74.3                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| BW-5C    | 2/27/2021     | ND                           | 1.10                                    | NA                        | 6872.74                     | 6874.22                                           | 6876.85                               | 3.01                                    | 73.34                   | 64.3                            | 74.3                               |
| BW-5C    | 6/3/2021      | ND                           | 1.79                                    | NA                        | 6872.05                     | 6874.22                                           | 6876.85                               | 3.01                                    | 73.34                   | 64.3                            | 74.3                               |
| BW-5C    | 9/9/2021      | ND                           | 2.15                                    | NA                        | 6871.69                     | 6874.22                                           | 6876.85                               | 3.01                                    | 73.34                   | 64.3                            | 74.3                               |
| BW-5C    | 3/1/2022      | ND                           | 0.99                                    | NA                        | 6872.85                     | 6874.22                                           | 6876.85                               | 3.01                                    | 66.55                   | 64.3                            | 74.3                               |
| BW-5C    | 6/1/2022      | ND                           | 0.97                                    | NA                        | 6872.87                     | 6874.22                                           | 6876.85                               | 3.01                                    | 66.64                   | 64.3                            | 74.3                               |
| BW-5C    | 9/2/2022      | ND                           | 1.09                                    | NA                        | 6872.75                     | 6874.22                                           | 6876.85                               | 3.01                                    | 66.64                   | 64.3                            | 74.3                               |
| BW-5C    | 12/6/2022     | ND                           | 1.16                                    | NA                        | 6872.68                     | 6874.22                                           | 6876.85                               | 3.01                                    | 66.64                   | 64.3                            | 74.3                               |
| BW-5C    | 12/11/2022    | ND                           | 1.07                                    | NA                        | 6872.77                     | 6874.22                                           | 6876.85                               | 3.01                                    | 66.64                   | 64.3                            | 74.3                               |
| MW-1     | 9/16/2014     | ND                           | 5.62                                    | NA                        | 6871.01                     | 6876.63                                           | 6878.12                               | 1.49                                    | 129.34                  | 117.7                           | 127.7                              |
| MW-1     | 8/10/2015     | ND                           | 5.41                                    | NA                        | 6871.22                     | 6876.63                                           | 6878.12                               | 1.49                                    | 129.34                  | 117.7                           | 127.7                              |
| MW-1     | 9/7/2016      | ND                           | 5.52                                    | NA                        | 6871.11                     | 6876.63                                           | 6878.12                               | 1.49                                    | 129.34                  | 117.7                           | 127.7                              |
| MW-1     | 9/20/2017     | ND                           | 5.53                                    | NA                        | 6871.10                     | 6876.63                                           | 6878.12                               | 1.49                                    | 129.34                  | 117.7                           | 127.7                              |
| MW-1     | 8/15/2018     | ND                           | 6.26                                    | NA                        | 6870.37                     | 6876.63                                           | 6878.12                               | 1.49                                    | 129.34                  | 117.7                           | 127.7                              |
| MW-1     | 12/5/2018     | ND                           | 5.87                                    | NA                        | 6870.76                     | 6876.63                                           | 6878.12                               | 1.49                                    | 129.34                  | 117.7                           | 127.7                              |
| MW-1     | 8/12/2019     | ND                           | 5.45                                    | NA                        | 6871.18                     | 6876.63                                           | 6878.12                               | 1.49                                    | 129.34                  | 117.7                           | 127.7                              |
| MW-1     | 6/30/2020     | ND                           | 5.76                                    | NA                        | 6870.87                     | 6876.63                                           | 6878.12                               | 1.49                                    | 129.34                  | 117.7                           | 127.7                              |
| MW-1     | 9/14/2020     | ND                           | 6.23                                    | NA                        | 6870.40                     | 6876.63                                           | 6878.12                               | 1.49                                    | 133.81                  | 117.7                           | 127.7                              |
| MW-1     | 9/28/2021     | ND                           | 7.78                                    | NA                        | 6868.85                     | 6876.63                                           | 6878.12                               | 1.49                                    | 133.81                  | 117.7                           | 127.7                              |
| MW-1     | 9/27/2022     | ND                           | 6.86                                    | NA                        | 6869.77                     | 6876.63                                           | 6878.12                               | 1.49                                    | 138.01                  | 117.7                           | 127.7                              |
| MW-1     | 10/5/2022     | ND                           | 6.78                                    | NA                        | 6869.85                     | 6876.63                                           | 6878.12                               | 1.49                                    | 138.01                  | 117.7                           | 127.7                              |
| MW-2     | 9/16/2014     | ND                           | 7.29                                    | NA                        | 6871.10                     | 6878.39                                           | 6880.30                               | 1.91                                    | 135.57                  | 112.0                           | 122.0                              |
| MW-2     | 8/10/2015     | ND                           | 7.22                                    | NA                        | 6871.17                     | 6878.39                                           | 6880.30                               | 1.91                                    | 135.57                  | 112.0                           | 122.0                              |
| MW-2     | 9/7/2016      | ND                           | 12.19                                   | NA                        | 6866.20                     | 6878.39                                           | 6880.30                               | 1.91                                    | 135.57                  | 112.0                           | 122.0                              |
| MW-2     | 9/20/2017     | ND                           | 13.73                                   | NA                        | 6864.66                     | 6878.39                                           | 6880.30                               | 1.91                                    | 135.57                  | 112.0                           | 122.0                              |
| MW-2     | 8/15/2018     | ND                           | 7.44                                    | NA                        | 6870.95                     | 6878.39                                           | 6880.30                               | 1.91                                    | 135.57                  | 112.0                           | 122.0                              |
| MW-2     | 12/5/2018     | ND                           | 14.72                                   | NA                        | 6863.67                     | 6878.39                                           | 6880.30                               | 1.91                                    | 135.57                  | 112.0                           | 122.0                              |
| MW-2     | 8/13/2019     | ND                           | 7.09                                    | NA                        | 6871.30                     | 6878.39                                           | 6880.30                               | 1.91                                    | 135.57                  | 112.0                           | 122.0                              |
| MW-2     | 6/30/2020     | ND                           | 7.38                                    | NA                        | 6871.01                     | 6878.39                                           | 6880.30                               | 1.91                                    | 135.57                  | 112.0                           | 122.0                              |
| MW-2     | 9/14/2020     | ND                           | 7.83                                    | NA                        | 6870.56                     | 6878.39                                           | 6880.30                               | 1.91                                    | 136.29                  | 112.0                           | 122.0                              |
| MW-2     | 9/16/2021     | ND                           | 8.31                                    | NA                        | 6870.08                     | 6878.39                                           | 6880.30                               | 1.91                                    | 136.29                  | 112.0                           | 122.0                              |
| MW-2     | 9/28/2022     | ND                           | 11.99                                   | NA                        | 6866.40                     | 6878.39                                           | 6880.30                               | 1.91                                    | 141.02                  | 112.0                           | 122.0                              |
| MW-2     | 10/5/2022     | ND                           | 11.97                                   | NA                        | 6866.42                     | 6878.39                                           | 6880.30                               | 1.91                                    | 141.02                  | 112.0                           | 122.0                              |
| MW-4     | 9/17/2014     | ND                           | 5.94                                    | NA                        | 6873.95                     | 6879.89                                           | 6881.63                               | 1.74                                    | 119.98                  | 101.0                           | 121.0                              |
| MW-4     | 8/10/2015     | ND                           | 5.56                                    | NA                        | 6874.33                     | 6879.89                                           | 6881.63                               | 1.74                                    | 119.98                  | 101.0                           | 121.0                              |
| MW-4     | 9/7/2016      | ND                           | 5.64                                    | NA                        | 6874.25                     | 6879.89                                           | 6881.63                               | 1.74                                    | 119.98                  | 101.0                           | 121.0                              |
| MW-4     | 9/21/2017     | ND                           | 5.82                                    | NA                        | 6874.07                     | 6879.89                                           | 6881.63                               | 1.74                                    | 119.98                  | 101.0                           | 121.0                              |
| MW-4     | 8/15/2018     | ND                           | 5.97                                    | NA                        | 6873.92                     | 6879.89                                           | 6881.63                               | 1.74                                    | 119.98                  | 101.0                           | 121.0                              |
| MW-4     | 12/5/2018     | ND                           | 6.09                                    | NA                        | 6873.80                     | 6879.89                                           | 6881.63                               | 1.74                                    | 119.98                  | 101.0                           | 121.0                              |
| MW-4     | 8/13/2019     | ND                           | 5.26                                    | NA                        | 6874.63                     | 6879.89                                           | 6881.63                               | 1.74                                    | 119.98                  | 101.0                           | 121.0                              |
| MW-4     | 6/30/2020     | ND                           | 5.76                                    | NA                        | 6874.13                     | 6879.89                                           | 6881.63                               | 1.74                                    | 119.98                  | 101.0                           | 121.0                              |
| MW-4     | 9/14/2020     | ND                           | 6.26                                    | NA                        | 6873.63                     | 6879.89                                           | 6881.63                               | 1.74                                    | 124.16                  | 101.0                           | 121.0                              |
| MW-4     | 9/16/2021     | ND                           | 3.76                                    | NA                        | 6876.13                     | 6879.89                                           | 6881.63                               | 1.74                                    | 125.26                  | 101.0                           | 121.0                              |
| MW-4     | 9/28/2022     | ND                           | 6.61                                    | NA                        | 6873.28                     | 6879.89                                           | 6881.63                               | 1.74                                    | 126.62                  | 101.0                           | 121.0                              |
| MW-4     | 10/5/2022     | ND                           | 6.63                                    | NA                        | 6873.26                     | 6879.89                                           | 6881.63                               | 1.74                                    | 126.62                  | 101.0                           | 121.0                              |
| MW-5     | 9/17/2014     | ND                           | 8.75                                    | NA                        | 6871.45                     | 6880.20                                           | 6882.83                               | 2.63                                    | 128.20                  | 115.0                           | 125.0                              |
| MW-5     | 8/10/2015     | ND                           | 8.57                                    | NA                        | 6871.63                     | 6880.20                                           | 6882.83                               | 2.63                                    | 128.20                  | 115.0                           | 125.0                              |
| MW-5     | 9/7/2016      | ND                           | 10.87                                   | NA                        | 6869.33                     | 6880.20                                           | 6882.83                               | 2.63                                    | 128.20                  | 115.0                           | 125.0                              |
| MW-5     | 9/11/2017     | ND                           | 8.59                                    | NA                        | 6871.61                     | 6880.20                                           | 6882.83                               | 2.63                                    | 128.20                  | 115.0                           | 125.0                              |



APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| MW-5     | 8/15/2018     | ND                           | 8.88                                    | NA                        | 6871.32                     | 6880.20                                           | 6882.83                               | 2.63                                    | 128.20                  | 115.0                           | 125.0                              |
| MW-5     | 12/6/2018     | ND                           | 14.17                                   | NA                        | 6866.03                     | 6880.20                                           | 6882.83                               | 2.63                                    | 128.20                  | 115.0                           | 125.0                              |
| MW-5     | 8/14/2019     | ND                           | 8.42                                    | NA                        | 6871.78                     | 6880.20                                           | 6882.83                               | 2.63                                    | 128.20                  | 115.0                           | 125.0                              |
| MW-5     | 6/30/2020     | ND                           | 8.83                                    | NA                        | 6871.37                     | 6880.20                                           | 6882.83                               | 2.63                                    | 128.20                  | 115.0                           | 125.0                              |
| MW-5     | 9/14/2020     | ND                           | 9.36                                    | NA                        | 6870.84                     | 6880.20                                           | 6882.83                               | 2.63                                    | 130.37                  | 115.0                           | 125.0                              |
| MW-5     | 9/28/2021     | ND                           | 9.90                                    | NA                        | 6870.30                     | 6880.20                                           | 6882.83                               | 2.63                                    | 130.37                  | 115.0                           | 125.0                              |
| MW-5     | 9/28/2022     | ND                           | 9.72                                    | NA                        | 6870.48                     | 6880.20                                           | 6882.83                               | 2.63                                    | 134.11                  | 115.0                           | 125.0                              |
| MW-5     | 10/5/2022     | ND                           | 9.67                                    | NA                        | 6870.53                     | 6880.20                                           | 6882.83                               | 2.63                                    | 134.11                  | 115.0                           | 125.0                              |
| OW-01    | 3/7/2014      | ND                           | -0.30                                   | NA                        | 6866.62                     | 6866.32                                           | 6866.62                               | 0.30                                    | 94.25                   | 89.3                            | 99.3                               |
| OW-01    | 6/3/2014      | ND                           | -0.30                                   | NA                        | 6866.62                     | 6866.32                                           | 6866.62                               | 0.30                                    | 94.25                   | 89.3                            | 99.3                               |
| OW-01    | 9/11/2014     | ND                           | -0.29                                   | NA                        | 6866.61                     | 6866.32                                           | 6866.62                               | 0.30                                    | 94.25                   | 89.3                            | 99.3                               |
| OW-01    | 11/10/2014    | ND                           | -0.30                                   | NA                        | 6866.62                     | 6866.32                                           | 6866.62                               | 0.30                                    | 94.25                   | 89.3                            | 99.3                               |
| OW-01    | 3/9/2015      | ND                           | -0.30                                   | NA                        | 6866.62                     | 6866.32                                           | 6866.62                               | 0.30                                    | 94.25                   | 89.3                            | 99.3                               |
| OW-01    | 6/3/2015      | ND                           | -0.30                                   | NA                        | 6866.62                     | 6866.32                                           | 6866.62                               | 0.30                                    | 94.25                   | 89.3                            | 99.3                               |
| OW-01    | 8/12/2015     | ND                           | -0.30                                   | NA                        | 6866.62                     | 6866.32                                           | 6866.62                               | 0.30                                    | 94.25                   | 89.3                            | 99.3                               |
| OW-01    | 10/28/2015    | ND                           | -0.30                                   | NA                        | 6866.62                     | 6866.32                                           | 6866.62                               | 0.30                                    | 94.25                   | 89.3                            | 99.3                               |
| OW-01    | 3/3/2016      | ND                           | -0.30                                   | NA                        | 6866.62                     | 6866.32                                           | 6866.62                               | 0.30                                    | 94.25                   | 89.3                            | 99.3                               |
| OW-01    | 6/6/2016      | ND                           | -0.30                                   | NA                        | 6866.62                     | 6866.32                                           | 6866.62                               | 0.30                                    | 94.25                   | 89.3                            | 99.3                               |
| OW-01    | 9/6/2016      | ND                           | -0.30                                   | NA                        | 6866.62                     | 6866.32                                           | 6866.62                               | 0.30                                    | 94.25                   | 89.3                            | 99.3                               |
| OW-01    | 11/15/2016    | ND                           | 1.42                                    | NA                        | 6864.90                     | 6866.32                                           | 6866.62                               | 0.30                                    | 94.25                   | 89.3                            | 99.3                               |
| OW-01    | 2/27/2017     | ND                           | 1.41                                    | NA                        | 6864.91                     | 6866.32                                           | 6866.62                               | 0.30                                    | 94.25                   | 89.3                            | 99.3                               |
| OW-01    | 5/31/2017     | ND                           | 1.47                                    | NA                        | 6864.85                     | 6866.32                                           | 6866.62                               | 0.30                                    | 94.25                   | 89.3                            | 99.3                               |
| OW-01    | 9/6/2017      | ND                           | 1.40                                    | NA                        | 6864.92                     | 6866.32                                           | 6866.62                               | 0.30                                    | 94.25                   | 89.3                            | 99.3                               |
| OW-01    | 12/8/2017     | ND                           | 1.41                                    | NA                        | 6864.91                     | 6866.32                                           | 6866.62                               | 0.30                                    | 94.25                   | 89.3                            | 99.3                               |
| OW-01    | 2/27/2018     | ND                           | 1.15                                    | NA                        | 6865.17                     | 6866.32                                           | 6866.62                               | 0.30                                    | 94.25                   | 89.3                            | 99.3                               |
| OW-01    | 4/25/2018     | ND                           | 1.50                                    | NA                        | 6864.82                     | 6866.32                                           | 6866.62                               | 0.30                                    | 94.24                   | 89.3                            | 99.3                               |
| OW-01    | 8/14/2018     | ND                           | 1.50                                    | NA                        | 6864.82                     | 6866.32                                           | 6866.62                               | 0.30                                    | 94.25                   | 89.3                            | 99.3                               |
| OW-01    | 11/7/2018     | ND                           | 1.03                                    | NA                        | 6865.29                     | 6866.32                                           | 6866.62                               | 0.30                                    | 94.25                   | 89.3                            | 99.3                               |
| OW-01    | 3/27/2019     | ND                           | 1.39                                    | NA                        | 6864.93                     | 6866.32                                           | 6866.62                               | 0.30                                    | 94.25                   | 89.3                            | 99.3                               |
| OW-01    | 5/21/2019     | ND                           | 1.43                                    | NA                        | 6864.89                     | 6866.32                                           | 6866.62                               | 0.30                                    | 94.25                   | 89.3                            | 99.3                               |
| OW-01    | 8/15/2019     | ND                           | 1.07                                    | NA                        | 6865.25                     | 6866.32                                           | 6866.62                               | 0.30                                    | 94.25                   | 89.3                            | 99.3                               |
| OW-01    | 10/16/2019    | ND                           | 1.15                                    | NA                        | 6865.17                     | 6866.32                                           | 6866.62                               | 0.30                                    | 94.25                   | 89.3                            | 99.3                               |
| OW-01    | 3/9/2020      | ND                           | 1.40                                    | NA                        | 6864.92                     | 6866.32                                           | 6866.62                               | 0.30                                    | 94.25                   | 89.3                            | 99.3                               |
| OW-01    | 6/30/2020     | ND                           | 1.30                                    | NA                        | 6865.02                     | 6866.32                                           | 6866.62                               | 0.30                                    | 94.25                   | 89.3                            | 99.3                               |
| OW-01    | 9/15/2020     | ND                           | 1.15                                    | NA                        | 6865.17                     | 6866.32                                           | 6866.62                               | 0.30                                    | 99.09                   | 89.3                            | 99.3                               |
| OW-01    | 12/7/2020     | ND                           | 1.45                                    | NA                        | 6864.87                     | 6866.32                                           | 6866.62                               | 0.30                                    | 99.09                   | 89.3                            | 99.3                               |
| OW-01    | 2/27/2021     | ND                           | 1.46                                    | NA                        | 6864.86                     | 6866.32                                           | 6866.62                               | 0.30                                    | 99.09                   | 89.3                            | 99.3                               |
| OW-01    | 6/1/2021      | ND                           | 1.10                                    | NA                        | 6865.22                     | 6866.32                                           | 6866.62                               | 0.30                                    | 99.09                   | 89.3                            | 99.3                               |
| OW-01    | 9/9/2021      | ND                           | 1.48                                    | NA                        | 6864.84                     | 6866.32                                           | 6866.62                               | 0.30                                    | 99.09                   | 89.3                            | 99.3                               |
| OW-01    | 12/3/2021     | ND                           | 1.50                                    | NA                        | 6864.82                     | 6866.32                                           | 6866.62                               | 0.30                                    | 99.09                   | 89.3                            | 99.3                               |
| OW-01    | 3/1/2022      | ND                           | 1.46                                    | NA                        | 6864.86                     | 6866.32                                           | 6866.62                               | 0.30                                    | 91.61                   | 89.3                            | 99.3                               |
| OW-01    | 6/1/2022      | ND                           | 1.10                                    | NA                        | 6865.22                     | 6866.32                                           | 6866.62                               | 0.30                                    | 91.61                   | 89.3                            | 99.3                               |
| OW-01    | 9/7/2022      | ND                           | 1.11                                    | NA                        | 6865.21                     | 6866.32                                           | 6866.62                               | 0.30                                    | 91.61                   | 89.3                            | 99.3                               |
| OW-01    | 10/4/2022     | ND                           | 1.15                                    | NA                        | 6865.17                     | 6866.32                                           | 6866.62                               | 0.30                                    | 91.61                   | 89.3                            | 99.3                               |
| OW-01    | 11/3/2022     | ND                           | 1.12                                    | NA                        | 6865.20                     | 6866.32                                           | 6866.62                               | 0.30                                    | 91.61                   | 89.3                            | 99.3                               |
| OW-01    | 12/12/2022    | ND                           | 1.20                                    | NA                        | 6865.12                     | 6866.32                                           | 6866.62                               | 0.30                                    | 90.20                   | 89.3                            | 99.3                               |
| OW-10    | 3/7/2014      | ND                           | -1.24                                   | NA                        | 6874.91                     | 6873.67                                           | 6874.91                               | 1.24                                    | 59.09                   | 40.0                            | 60.0                               |
| OW-10    | 6/3/2014      | ND                           | 0.21                                    | NA                        | 6873.46                     | 6873.67                                           | 6874.91                               | 1.24                                    | 59.09                   | 40.0                            | 60.0                               |



APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| OW-10    | 9/12/2014     | ND                           | 1.09                                    | NA                        | 6872.58                     | 6873.67                                           | 6874.91                               | 1.24                                    | 59.09                   | 40.0                            | 60.0                               |
| OW-10    | 11/10/2014    | ND                           | 1.56                                    | NA                        | 6872.11                     | 6873.67                                           | 6874.91                               | 1.24                                    | 59.09                   | 40.0                            | 60.0                               |
| OW-10    | 3/9/2015      | ND                           | -0.28                                   | NA                        | 6873.95                     | 6873.67                                           | 6874.91                               | 1.24                                    | 59.09                   | 40.0                            | 60.0                               |
| OW-10    | 6/3/2015      | ND                           | -0.24                                   | NA                        | 6873.91                     | 6873.67                                           | 6874.91                               | 1.24                                    | 59.09                   | 40.0                            | 60.0                               |
| OW-10    | 8/12/2015     | ND                           | -0.86                                   | NA                        | 6874.53                     | 6873.67                                           | 6874.91                               | 1.24                                    | 59.09                   | 40.0                            | 60.0                               |
| OW-10    | 10/28/2015    | ND                           | 0.23                                    | NA                        | 6873.44                     | 6873.67                                           | 6874.91                               | 1.24                                    | 59.09                   | 40.0                            | 60.0                               |
| OW-10    | 3/3/2016      | ND                           | 0.18                                    | NA                        | 6873.49                     | 6873.67                                           | 6874.91                               | 1.24                                    | 59.09                   | 40.0                            | 60.0                               |
| OW-10    | 6/6/2016      | ND                           | -0.02                                   | NA                        | 6873.69                     | 6873.67                                           | 6874.91                               | 1.24                                    | 59.09                   | 40.0                            | 60.0                               |
| OW-10    | 9/6/2016      | ND                           | 0.46                                    | NA                        | 6873.21                     | 6873.67                                           | 6874.91                               | 1.24                                    | 59.09                   | 40.0                            | 60.0                               |
| OW-10    | 11/15/2016    | ND                           | -0.70                                   | NA                        | 6874.37                     | 6873.67                                           | 6874.91                               | 1.24                                    | 59.09                   | 40.0                            | 60.0                               |
| OW-10    | 2/27/2017     | ND                           | -0.68                                   | NA                        | 6874.35                     | 6873.67                                           | 6874.91                               | 1.24                                    | 59.09                   | 40.0                            | 60.0                               |
| OW-10    | 5/31/2017     | ND                           | -0.17                                   | NA                        | 6873.84                     | 6873.67                                           | 6874.91                               | 1.24                                    | 59.09                   | 40.0                            | 60.0                               |
| OW-10    | 9/7/2017      | ND                           | 0.64                                    | NA                        | 6873.03                     | 6873.67                                           | 6874.91                               | 1.24                                    | 59.09                   | 40.0                            | 60.0                               |
| OW-10    | 12/7/2017     | ND                           | 1.01                                    | NA                        | 6872.66                     | 6873.67                                           | 6874.91                               | 1.24                                    | 59.09                   | 40.0                            | 60.0                               |
| OW-10    | 2/27/2018     | ND                           | 0.74                                    | NA                        | 6872.93                     | 6873.67                                           | 6874.91                               | 1.24                                    | 59.09                   | 40.0                            | 60.0                               |
| OW-10    | 4/25/2018     | ND                           | 0.62                                    | NA                        | 6873.05                     | 6873.67                                           | 6874.91                               | 1.24                                    | 58.89                   | 40.0                            | 60.0                               |
| OW-10    | 8/15/2018     | ND                           | 1.17                                    | NA                        | 6872.50                     | 6873.67                                           | 6874.91                               | 1.24                                    | 58.89                   | 40.0                            | 60.0                               |
| OW-10    | 11/8/2018     | ND                           | 1.26                                    | NA                        | 6872.41                     | 6873.67                                           | 6874.91                               | 1.24                                    | 59.09                   | 40.0                            | 60.0                               |
| OW-10    | 3/27/2019     | ND                           | -1.24                                   | NA                        | 6874.91                     | 6873.67                                           | 6874.91                               | 1.24                                    | 59.09                   | 40.0                            | 60.0                               |
| OW-10    | 5/22/2019     | ND                           | -1.24                                   | NA                        | 6874.91                     | 6873.67                                           | 6874.91                               | 1.24                                    | 59.09                   | 40.0                            | 60.0                               |
| OW-10    | 8/15/2019     | ND                           | -0.22                                   | NA                        | 6873.89                     | 6873.67                                           | 6874.91                               | 1.24                                    | 58.89                   | 40.0                            | 60.0                               |
| OW-10    | 10/17/2019    | ND                           | 1.09                                    | NA                        | 6872.58                     | 6873.67                                           | 6874.91                               | 1.24                                    | 59.09                   | 40.0                            | 60.0                               |
| OW-10    | 3/4/2020      | ND                           | 4.19                                    | NA                        | 6869.48                     | 6873.67                                           | 6874.91                               | 1.24                                    | 59.09                   | 40.0                            | 60.0                               |
| OW-10    | 6/30/2020     | ND                           | 5.51                                    | NA                        | 6868.16                     | 6873.67                                           | 6874.91                               | 1.24                                    | 59.09                   | 40.0                            | 60.0                               |
| OW-10    | 9/20/2020     | ND                           | 6.46                                    | NA                        | 6867.21                     | 6873.67                                           | 6874.91                               | 1.24                                    | 65.06                   | 40.0                            | 60.0                               |
| OW-10    | 10/9/2020     | ND                           | 6.46                                    | NA                        | 6867.21                     | 6873.67                                           | 6874.91                               | 1.24                                    | 65.06                   | 40.0                            | 60.0                               |
| OW-10    | 12/7/2020     | ND                           | 6.37                                    | NA                        | 6867.30                     | 6873.67                                           | 6874.91                               | 1.24                                    | 65.06                   | 40.0                            | 60.0                               |
| OW-10    | 1/28/2021     | ND                           | 6.60                                    | NA                        | 6867.07                     | 6873.67                                           | 6874.91                               | 1.24                                    | 65.06                   | 40.0                            | 60.0                               |
| OW-10    | 2/28/2021     | ND                           | 6.61                                    | NA                        | 6867.06                     | 6873.67                                           | 6874.91                               | 1.24                                    | 65.06                   | 40.0                            | 60.0                               |
| OW-10    | 3/31/2021     | ND                           | 6.44                                    | NA                        | 6867.23                     | 6873.67                                           | 6874.91                               | 1.24                                    | 65.06                   | 40.0                            | 60.0                               |
| OW-10    | 4/26/2021     | ND                           | 6.43                                    | NA                        | 6867.24                     | 6873.67                                           | 6874.91                               | 1.24                                    | 65.06                   | 40.0                            | 60.0                               |
| OW-10    | 5/20/2021     | ND                           | 6.35                                    | NA                        | 6867.32                     | 6873.67                                           | 6874.91                               | 1.24                                    | 65.06                   | 40.0                            | 60.0                               |
| OW-10    | 6/3/2021      | ND                           | 6.65                                    | NA                        | 6867.02                     | 6873.67                                           | 6874.91                               | 1.24                                    | 65.06                   | 40.0                            | 60.0                               |
| OW-10    | 9/9/2021      | ND                           | 7.41                                    | NA                        | 6866.26                     | 6873.67                                           | 6874.91                               | 1.24                                    | 65.06                   | 40.0                            | 60.0                               |
| OW-10    | 12/3/2021     | ND                           | 6.71                                    | NA                        | 6866.96                     | 6873.67                                           | 6874.91                               | 1.24                                    | 65.06                   | 40.0                            | 60.0                               |
| OW-10    | 3/1/2022      | ND                           | 6.17                                    | NA                        | 6867.50                     | 6873.67                                           | 6874.91                               | 1.24                                    | 63.61                   | 40.0                            | 60.0                               |
| OW-10    | 6/1/2022      | ND                           | 6.48                                    | NA                        | 6867.19                     | 6873.67                                           | 6874.91                               | 1.24                                    | 65.22                   | 40.0                            | 60.0                               |
| OW-10    | 9/2/2022      | ND                           | 6.59                                    | NA                        | 6867.08                     | 6873.67                                           | 6874.91                               | 1.24                                    | 65.22                   | 40.0                            | 60.0                               |
| OW-10    | 10/4/2022     | ND                           | 6.61                                    | NA                        | 6867.06                     | 6873.67                                           | 6874.91                               | 1.24                                    | 65.22                   | 40.0                            | 60.0                               |
| OW-10    | 11/3/2022     | ND                           | 6.51                                    | NA                        | 6867.16                     | 6873.67                                           | 6874.91                               | 1.24                                    | 65.22                   | 40.0                            | 60.0                               |
| OW-10    | 12/22/2022    | ND                           | 6.72                                    | NA                        | 6866.95                     | 6873.67                                           | 6874.91                               | 1.24                                    | 65.21                   | 40.0                            | 60.0                               |
| OW-11    | 9/12/2014     | ND                           | 18.65                                   | NA                        | 6903.40                     | 6922.05                                           | 6923.51                               | 1.46                                    | 64.33                   | 43.0                            | 65.0                               |
| OW-11    | 8/10/2015     | ND                           | 17.84                                   | NA                        | 6904.21                     | 6922.05                                           | 6923.51                               | 1.46                                    | 64.33                   | 43.0                            | 65.0                               |
| OW-11    | 9/9/2016      | ND                           | 17.33                                   | NA                        | 6904.72                     | 6922.05                                           | 6923.51                               | 1.46                                    | 64.33                   | 43.0                            | 65.0                               |
| OW-11    | 9/18/2017     | ND                           | 16.62                                   | NA                        | 6905.43                     | 6922.05                                           | 6923.51                               | 1.46                                    | 64.33                   | 43.0                            | 65.0                               |
| OW-11    | 8/15/2018     | ND                           | 17.74                                   | NA                        | 6904.31                     | 6922.05                                           | 6923.51                               | 1.46                                    | 64.33                   | 43.0                            | 65.0                               |
| OW-11    | 8/20/2019     | ND                           | 16.24                                   | NA                        | 6905.81                     | 6922.05                                           | 6923.51                               | 1.46                                    | 64.33                   | 43.0                            | 65.0                               |
| OW-11    | 9/15/2020     | ND                           | 17.05                                   | NA                        | 6905.00                     | 6922.05                                           | 6923.51                               | 1.46                                    | 64.37                   | 43.0                            | 65.0                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product<br>(ft-bgs) | Depth to Water <sup>1</sup><br>(ft-bgs) | Product Thickness<br>(ft) | Water Elevation<br>(ft-msl) | Ground Surface Elevation <sup>2</sup><br>(ft-msl) | Measuring Point Elevation<br>(ft-msl) | Well Casing Height <sup>3</sup><br>(ft) | Total Depth<br>(ft-bgs) | Depth to Top Screen<br>(ft-bgs) | Depth to Bottom Screen<br>(ft-bgs) |
|----------|---------------|------------------------------|-----------------------------------------|---------------------------|-----------------------------|---------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------|---------------------------------|------------------------------------|
| OW-11    | 9/9/2021      | ND                           | 17.44                                   | NA                        | 6904.61                     | 6922.05                                           | 6923.51                               | 1.46                                    | 64.33                   | 43.0                            | 65.0                               |
| OW-11    | 9/2/2022      |                              | 17.42                                   | 0.02                      | 6904.61                     | 6922.05                                           | 6923.51                               | 1.46                                    | 62.54                   | 43.0                            | 65.0                               |
| OW-11    | 10/4/2022     |                              | 17.50                                   | 0.03                      | 6904.52                     | 6922.05                                           | 6923.51                               | 1.46                                    | 62.54                   | 43.0                            | 65.0                               |
| OW-11    | 11/3/2022     |                              | 17.47                                   | 0.04                      | 6904.54                     | 6922.05                                           | 6923.51                               | 1.46                                    | 62.54                   | 43.0                            | 65.0                               |
| OW-11    | 12/6/2022     |                              | 17.37                                   | 0.07                      | 6904.61                     | 6922.05                                           | 6923.51                               | 1.46                                    | 62.54                   | 43.0                            | 65.0                               |
| OW-11    | 12/11/2022    |                              | 17.41                                   | 0.11                      | 6904.53                     | 6922.05                                           | 6923.51                               | 1.46                                    | 62.54                   | 43.0                            | 65.0                               |
| OW-12    | 9/12/2014     | ND                           | 46.66                                   | NA                        | 6892.91                     | 6939.57                                           | 6940.69                               | 1.12                                    | 127.73                  | 117.8                           | 137.8                              |
| OW-12    | 8/13/2015     | ND                           | 46.30                                   | NA                        | 6893.27                     | 6939.57                                           | 6940.69                               | 1.12                                    | 127.73                  | 117.8                           | 137.8                              |
| OW-12    | 9/8/2016      | ND                           | 46.11                                   | NA                        | 6893.46                     | 6939.57                                           | 6940.69                               | 1.12                                    | 127.73                  | 117.8                           | 137.8                              |
| OW-12    | 9/19/2017     | ND                           | 45.62                                   | NA                        | 6893.95                     | 6939.57                                           | 6940.69                               | 1.12                                    | 127.73                  | 117.8                           | 137.8                              |
| OW-12    | 8/15/2018     | ND                           | 45.38                                   | NA                        | 6894.19                     | 6939.57                                           | 6940.69                               | 1.12                                    | 127.73                  | 117.8                           | 137.8                              |
| OW-12    | 6/30/2020     | ND                           | Dry                                     | NA                        | Dry                         | 6939.57                                           | 6940.69                               | 1.12                                    | 127.73                  | 117.8                           | 137.8                              |
| OW-12    | 9/14/2020     | ND                           | 45.33                                   | NA                        | 6894.24                     | 6939.57                                           | 6940.69                               | 1.12                                    | 130.08                  | 117.8                           | 137.8                              |
| OW-12    | 11/9/2020     | ND                           | 45.37                                   | NA                        | 6894.20                     | 6939.57                                           | 6940.69                               | 1.12                                    | 130.08                  | 117.8                           | 137.8                              |
| OW-12    | 1/28/2021     | ND                           | 45.08                                   | NA                        | 6894.49                     | 6939.57                                           | 6940.69                               | 1.12                                    | 130.08                  | 117.8                           | 137.8                              |
| OW-12    | 9/28/2021     | ND                           | 45.78                                   | NA                        | 6893.79                     | 6939.57                                           | 6940.69                               | 1.12                                    | 130.08                  | 117.8                           | 137.8                              |
| OW-12    | 12/3/2022     | ND                           | 45.93                                   | NA                        | 6893.64                     | 6939.57                                           | 6940.69                               | 1.12                                    | 130.08                  | 117.8                           | 137.8                              |
| OW-12    | 12/7/2022     | ND                           | 54.48                                   | NA                        | 6885.09                     | 6939.57                                           | 6940.69                               | 1.12                                    | 130.08                  | 117.8                           | 137.8                              |
| OW-13    | 3/7/2014      | ND                           | 20.65                                   | NA                        | 6898.30                     | 6918.95                                           | 6920.07                               | 1.12                                    | 98.03                   | 78.2                            | 98.2                               |
| OW-13    | 6/3/2014      | ND                           | 20.83                                   | NA                        | 6898.12                     | 6918.95                                           | 6920.07                               | 1.12                                    | 98.03                   | 78.2                            | 98.2                               |
| OW-13    | 9/15/2014     | ND                           | 21.49                                   | NA                        | 6897.46                     | 6918.95                                           | 6920.07                               | 1.12                                    | 98.03                   | 78.2                            | 98.2                               |
| OW-13    | 11/10/2014    | ND                           | 21.33                                   | NA                        | 6897.62                     | 6918.95                                           | 6920.07                               | 1.12                                    | 98.03                   | 78.2                            | 98.2                               |
| OW-13    | 3/9/2015      | ND                           | 20.80                                   | NA                        | 6898.15                     | 6918.95                                           | 6920.07                               | 1.12                                    | 98.03                   | 78.2                            | 98.2                               |
| OW-13    | 6/1/2015      | ND                           | 20.64                                   | NA                        | 6898.31                     | 6918.95                                           | 6920.07                               | 1.12                                    | 98.03                   | 78.2                            | 98.2                               |
| OW-13    | 8/10/2015     | ND                           | 21.02                                   | NA                        | 6897.93                     | 6918.95                                           | 6920.07                               | 1.12                                    | 98.03                   | 78.2                            | 98.2                               |
| OW-13    | 10/27/2015    | ND                           | 20.98                                   | NA                        | 6897.97                     | 6918.95                                           | 6920.07                               | 1.12                                    | 98.03                   | 78.2                            | 98.2                               |
| OW-13    | 3/4/2016      | ND                           | 20.31                                   | NA                        | 6898.64                     | 6918.95                                           | 6920.07                               | 1.12                                    | 98.03                   | 78.2                            | 98.2                               |
| OW-13    | 6/6/2016      | ND                           | 20.33                                   | NA                        | 6898.62                     | 6918.95                                           | 6920.07                               | 1.12                                    | 98.03                   | 78.2                            | 98.2                               |
| OW-13    | 8/31/2016     | ND                           | 20.82                                   | NA                        | 6898.13                     | 6918.95                                           | 6920.07                               | 1.12                                    | 98.03                   | 78.2                            | 98.2                               |
| OW-13    | 11/15/2016    | ND                           | 20.56                                   | NA                        | 6898.39                     | 6918.95                                           | 6920.07                               | 1.12                                    | 98.03                   | 78.2                            | 98.2                               |
| OW-13    | 2/27/2017     | ND                           | 19.99                                   | NA                        | 6898.96                     | 6918.95                                           | 6920.07                               | 1.12                                    | 98.03                   | 78.2                            | 98.2                               |
| OW-13    | 5/31/2017     | ND                           | 20.33                                   | NA                        | 6898.62                     | 6918.95                                           | 6920.07                               | 1.12                                    | 98.03                   | 78.2                            | 98.2                               |
| OW-13    | 9/6/2017      | ND                           | 20.29                                   | NA                        | 6898.66                     | 6918.95                                           | 6920.07                               | 1.12                                    | 98.03                   | 78.2                            | 98.2                               |
| OW-13    | 12/11/2017    | ND                           | 19.88                                   | NA                        | 6899.07                     | 6918.95                                           | 6920.07                               | 1.12                                    | 98.03                   | 78.2                            | 98.2                               |
| OW-13    | 2/28/2018     | ND                           | 19.38                                   | NA                        | 6899.57                     | 6918.95                                           | 6920.07                               | 1.12                                    | 98.03                   | 78.2                            | 98.2                               |
| OW-13    | 4/26/2018     | ND                           | 19.29                                   | NA                        | 6899.66                     | 6918.95                                           | 6920.07                               | 1.12                                    | 97.88                   | 78.2                            | 98.2                               |
| OW-13    | 8/14/2018     | ND                           | 19.58                                   | NA                        | 6899.37                     | 6918.95                                           | 6920.07                               | 1.12                                    | 100.88                  | 78.2                            | 98.2                               |
| OW-13    | 11/6/2018     | ND                           | 19.58                                   | NA                        | 6899.37                     | 6918.95                                           | 6920.07                               | 1.12                                    | 98.03                   | 78.2                            | 98.2                               |
| OW-13    | 2/5/2019      | ND                           | 19.26                                   | NA                        | 6899.69                     | 6918.95                                           | 6920.07                               | 1.12                                    | 98.03                   | 78.2                            | 98.2                               |
| OW-13    | 5/1/2019      | ND                           | 18.88                                   | NA                        | 6900.07                     | 6918.95                                           | 6920.07                               | 1.12                                    | 98.03                   | 78.2                            | 98.2                               |
| OW-13    | 8/12/2019     | ND                           | 19.38                                   | NA                        | 6899.57                     | 6918.95                                           | 6920.07                               | 1.12                                    | 100.88                  | 78.2                            | 98.2                               |
| OW-13    | 10/14/2019    | ND                           | 19.62                                   | NA                        | 6899.33                     | 6918.95                                           | 6920.07                               | 1.12                                    | 98.03                   | 78.2                            | 98.2                               |
| OW-13    | 3/2/2020      | ND                           | 18.79                                   | NA                        | 6900.16                     | 6918.95                                           | 6920.07                               | 1.12                                    | 98.03                   | 78.2                            | 98.2                               |
| OW-13    | 6/30/2020     | ND                           | 21.04                                   | NA                        | 6897.91                     | 6918.95                                           | 6920.07                               | 1.12                                    | 98.03                   | 78.2                            | 98.2                               |
| OW-13    | 9/14/2020     | ND                           | 19.87                                   | NA                        | 6899.08                     | 6918.95                                           | 6920.07                               | 1.12                                    | 90.53                   | 78.2                            | 98.2                               |
| OW-13    | 11/9/2020     | ND                           | 19.26                                   | NA                        | 6899.69                     | 6918.95                                           | 6920.07                               | 1.12                                    | 90.53                   | 78.2                            | 98.2                               |
| OW-13    | 12/7/2020     | ND                           | 19.12                                   | NA                        | 6899.83                     | 6918.95                                           | 6920.07                               | 1.12                                    | 90.53                   | 78.2                            | 98.2                               |
| OW-13    | 2/27/2021     | ND                           | 19.26                                   | NA                        | 6899.69                     | 6918.95                                           | 6920.07                               | 1.12                                    | 98.03                   | 78.2                            | 98.2                               |

APPENDIX B-1. FLUID LEVEL MONITORING (2014 - 2022)  
WESTERN REFINING SOUTHWEST LLC, D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date Measured | Depth to Product (ft-bgs) | Depth to Water <sup>1</sup> (ft-bgs) | Product Thickness (ft) | Water Elevation (ft-msl) | Ground Surface Elevation <sup>2</sup> (ft-msl) | Measuring Point Elevation (ft-msl) | Well Casing Height <sup>3</sup> (ft) | Total Depth (ft-bgs) | Depth to Top Screen (ft-bgs) | Depth to Bottom Screen (ft-bgs) |
|----------|---------------|---------------------------|--------------------------------------|------------------------|--------------------------|------------------------------------------------|------------------------------------|--------------------------------------|----------------------|------------------------------|---------------------------------|
| OW-13    | 6/2/2021      | ND                        | 19.08                                | NA                     | 6899.87                  | 6918.95                                        | 6920.07                            | 1.12                                 | 98.03                | 78.2                         | 98.2                            |
| OW-13    | 9/23/2021     | ND                        | 20.26                                | NA                     | 6898.69                  | 6918.95                                        | 6920.07                            | 1.12                                 | 98.03                | 78.2                         | 98.2                            |
| OW-13    | 12/1/2021     | ND                        | 19.78                                | NA                     | 6899.17                  | 6918.95                                        | 6920.07                            | 1.12                                 | 98.03                | 78.2                         | 98.2                            |
| OW-13    | 3/2/2022      | ND                        | 19.73                                | NA                     | 6899.22                  | 6918.95                                        | 6920.07                            | 1.12                                 | 100.58               | 78.2                         | 98.2                            |
| OW-13    | 6/1/2022      | ND                        | 20.05                                | NA                     | 6898.90                  | 6918.95                                        | 6920.07                            | 1.12                                 | 100.58               | 78.2                         | 98.2                            |
| OW-13    | 9/2/2022      | ND                        | 20.68                                | NA                     | 6898.27                  | 6918.95                                        | 6920.07                            | 1.12                                 | 100.58               | 78.2                         | 98.2                            |
| OW-13    | 10/4/2022     | ND                        | 20.64                                | NA                     | 6898.31                  | 6918.95                                        | 6920.07                            | 1.12                                 | 100.58               | 78.2                         | 98.2                            |
| OW-13    | 11/3/2022     | ND                        | 20.73                                | NA                     | 6898.22                  | 6918.95                                        | 6920.07                            | 1.12                                 | 100.58               | 78.2                         | 98.2                            |
| OW-13    | 12/6/2022     | ND                        | 20.76                                | NA                     | 6898.19                  | 6918.95                                        | 6920.07                            | 1.12                                 | 100.58               | 78.2                         | 98.2                            |

-- - Data not available  
ft - Foot or feet  
ft-bgs - Feet below ground surface  
ft-msl - Feet mean sea level  
ND - Not detected  
NA - Not applicable

Notes:  
\* The depth-to-product and depth-to-water numbers were reversed as they were written in the incorrect locations on the field form. The resulting product thickness is consistent with previous events.  
<sup>1</sup> A negative depth-to-water measurement denotes an artesian well where the water surface comes into the casing above the ground surface - the negative value represents the distance above ground surface.  
<sup>2</sup> Around the first quarter of 2019, some well casing heights were remeasured, but the ground surface elevations were not adjusted to reflect the change.  
<sup>3</sup> A negative well casing height denotes a flush-mount well where the measuring point is below the ground surface.



Western Refining Southwest LLC  
D/B/A Marathon Gallup Refinery  
2022 Annual Groundwater Monitoring Report

## **Appendix B-2. Hydrographs**

### **Appendix B-2A. Historical Groundwater Elevations and SPH Thicknesses – Alluvial/Fluvial Upper Sand Aquifer**

### **Appendix B-2B. Historical Groundwater Elevations and SPH Thicknesses – Chinle/Alluvium Aquifer**

### **Appendix B-2C. Historical Groundwater Elevations and SPH Thicknesses – Sonsela Aquifer**

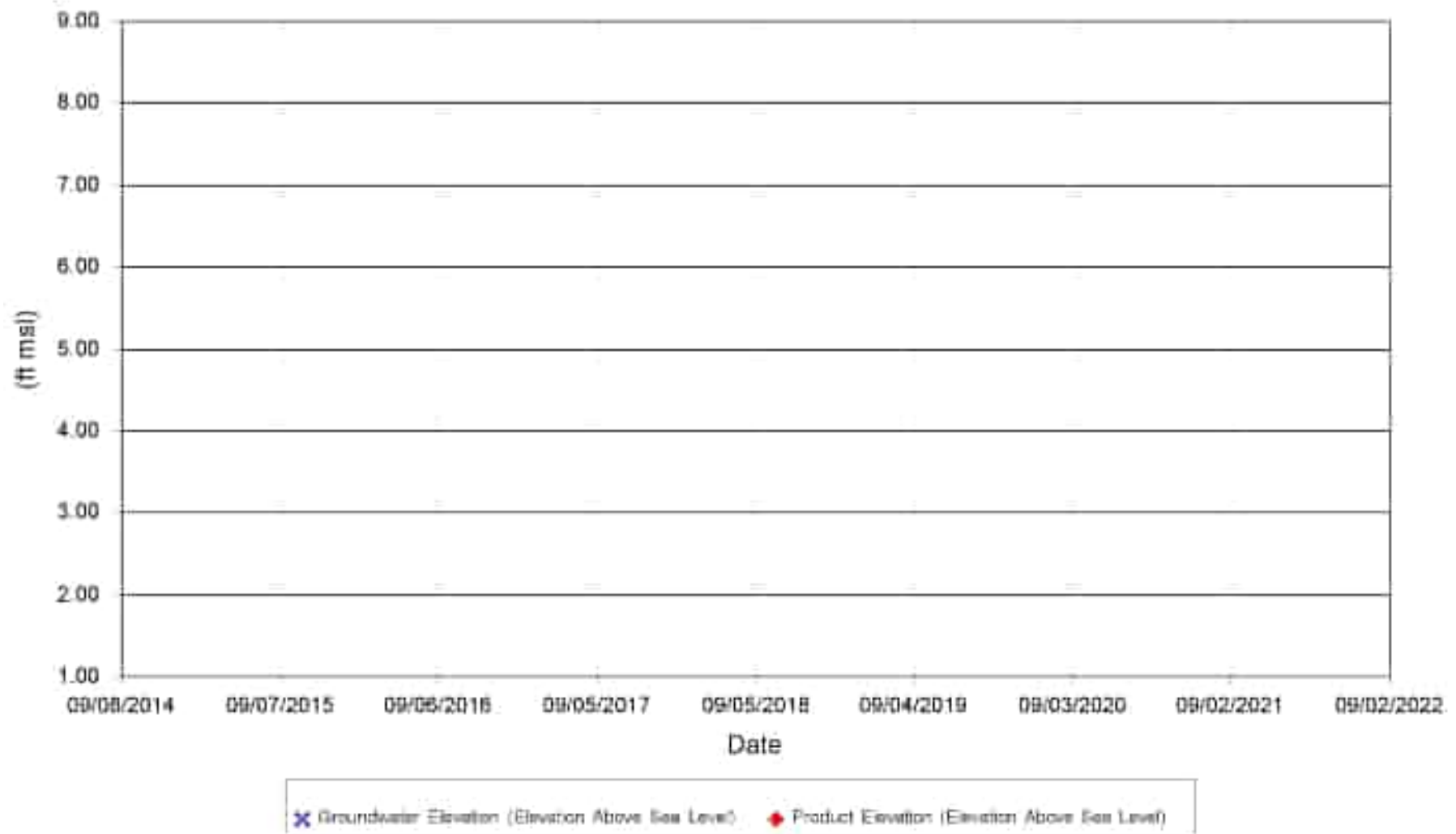


Western Refining Southwest LLC  
D/B/A Marathon Gallup Refinery  
2022 Annual Groundwater Monitoring Report

## **Appendix B-2A. Historical Groundwater Elevations and SPH Thicknesses – Alluvial/Fluvial Upper Sand Aquifer**



**APPENDIX B-2A. BW-1A HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
ALLUVIAL/FLUVIAL UPPER SAND AQUIFER**

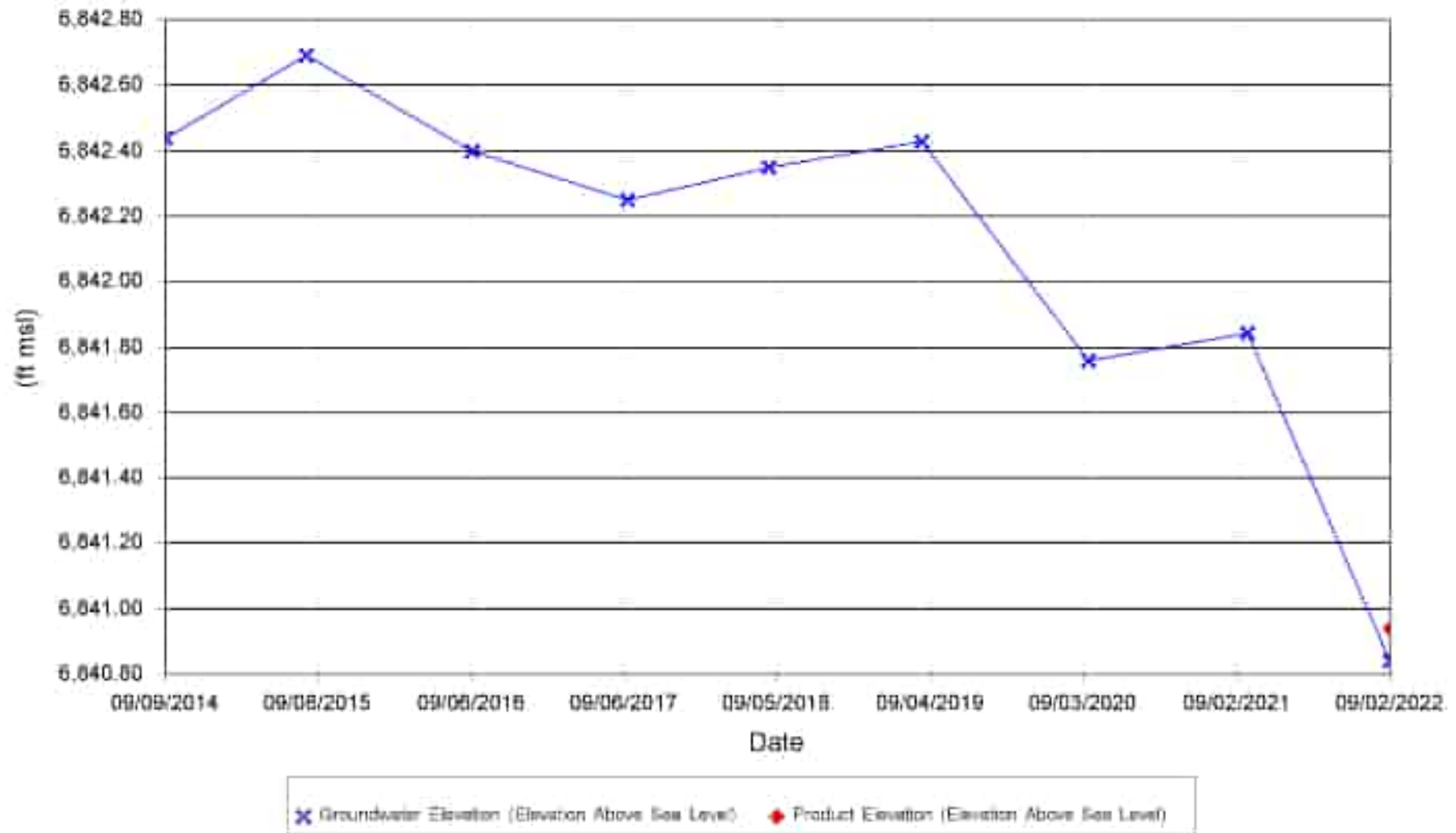


Notes:

SPH - Separate Phase Hydrocarbon

ft msl - feet above mean sea level

A graph with missing or no data points indicates that the well was dry during that(those) period(s)

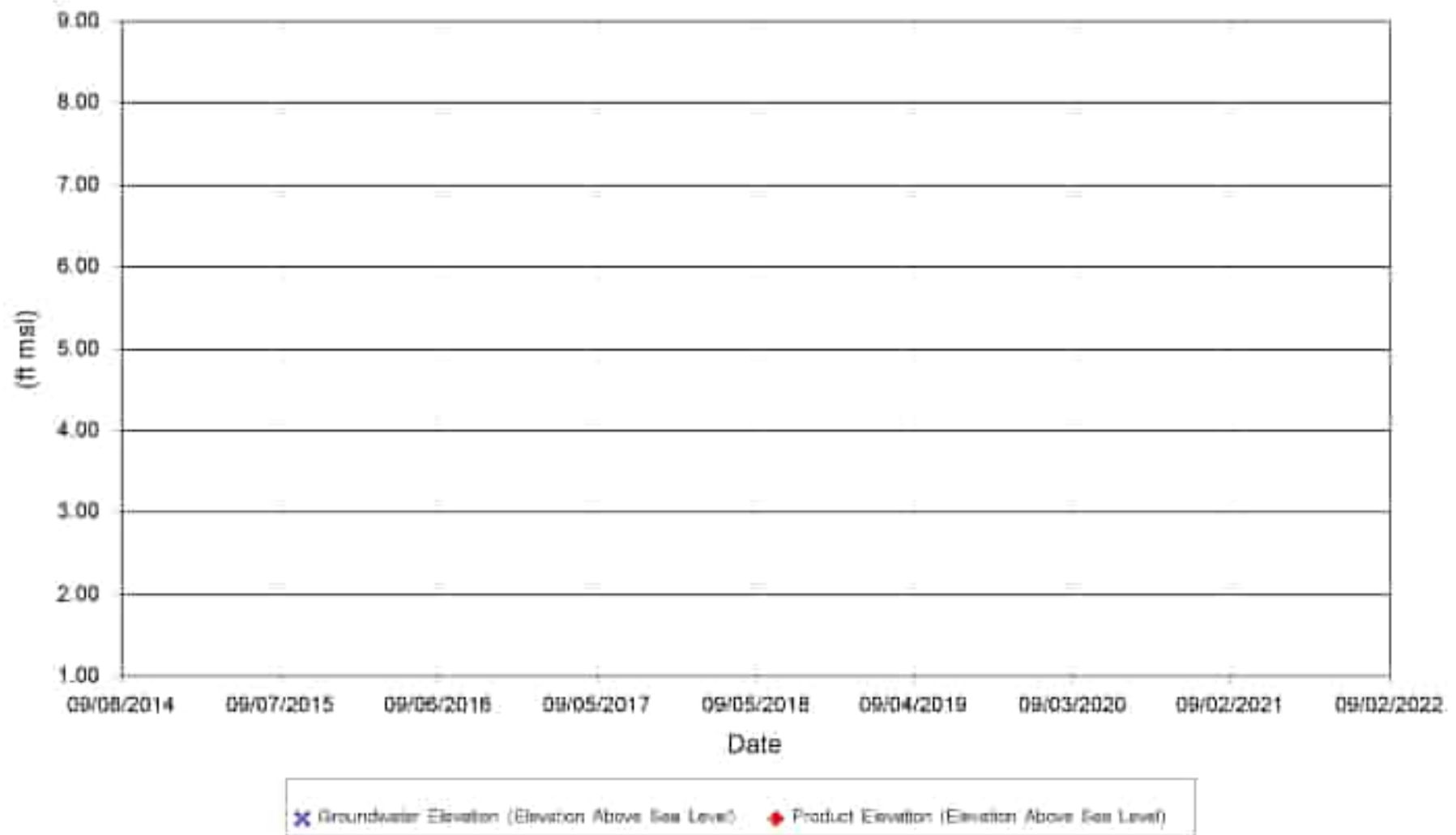
**APPENDIX B-2A. BW-2A HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
ALLUVIAL/FLUVIAL UPPER SAND AQUIFER****Notes:**

SPH - Separate Phase Hydrocarbon

ft msl - feet above mean sea level

A graph with missing or no data points indicates that the well was dry during that(those) period(s)

**APPENDIX B-2A. BW-3A HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
ALLUVIAL/FLUVIAL UPPER SAND AQUIFER**



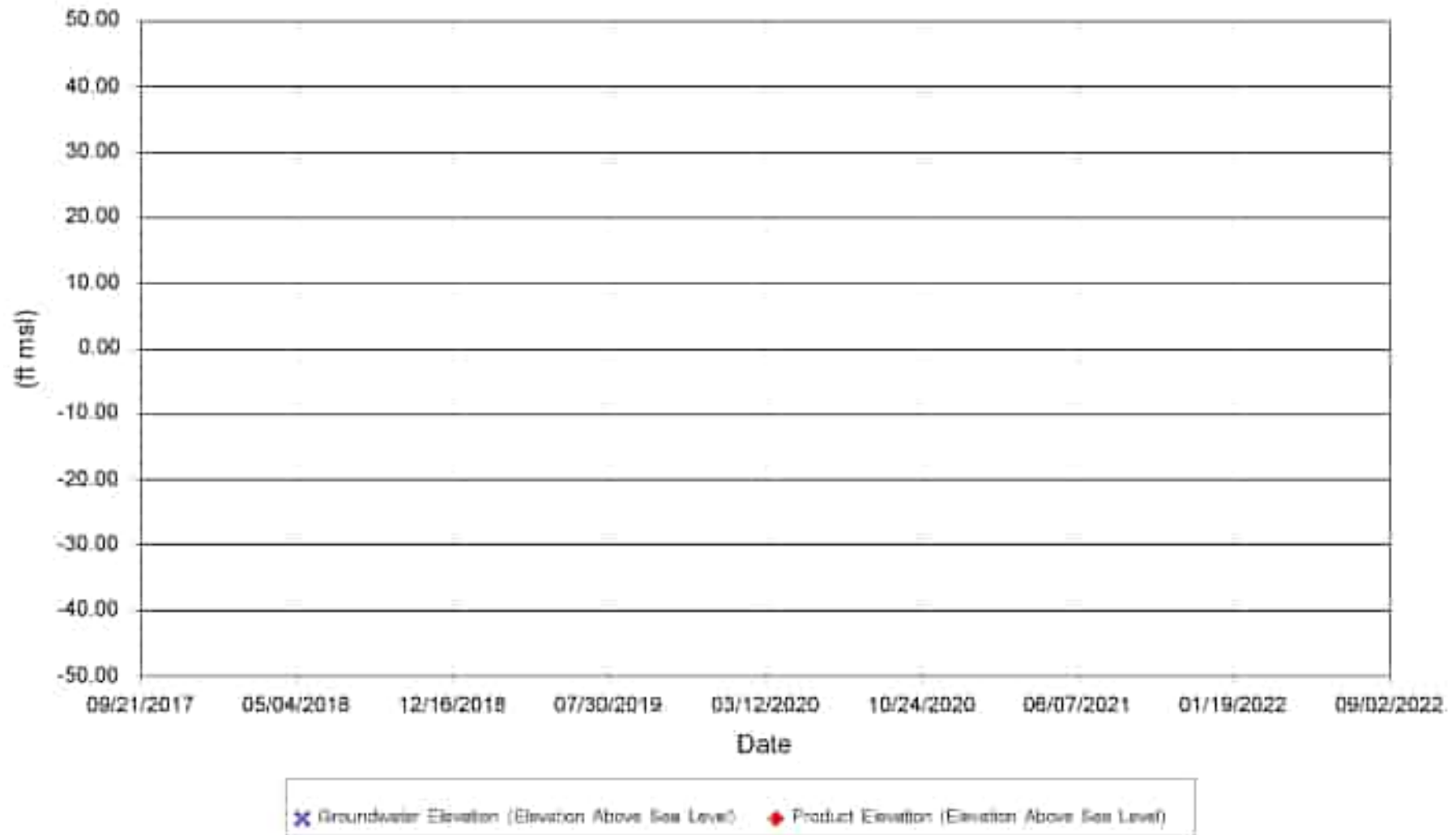
Notes:

SPH - Separate Phase Hydrocarbon

ft msl - feet above mean sea level

A graph with missing or no data points indicates that the well was dry during that(those) period(s)

**APPENDIX B-2A. BW-4A HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
ALLUVIAL/FLUVIAL UPPER SAND AQUIFER**

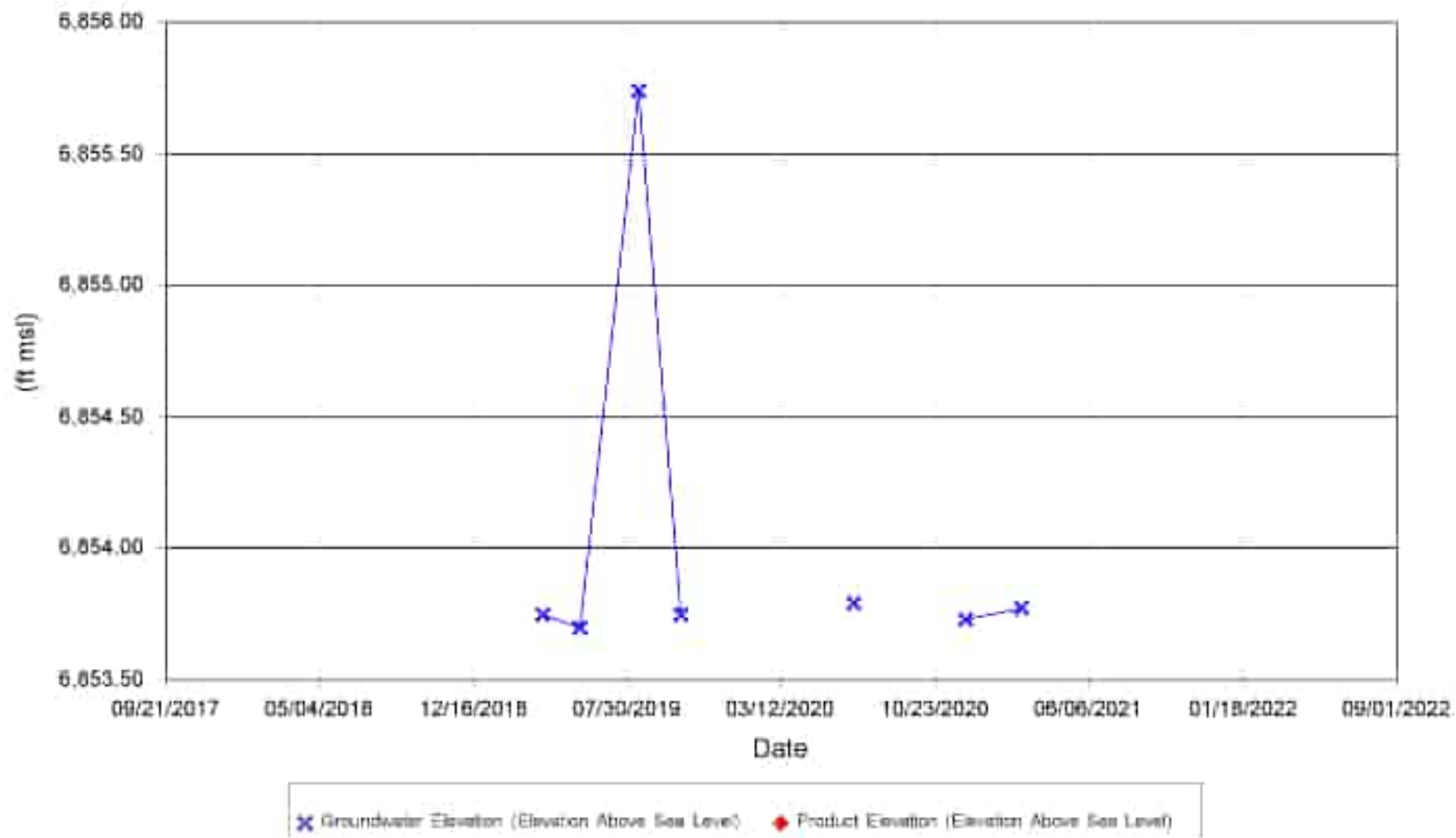


Notes:

SPH - Separate Phase Hydrocarbon

ft msl - feet above mean sea level

A graph with missing or no data points indicates that the well was dry during that(those) period(s)

**APPENDIX B-2A. BW-5A HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
ALLUVIAL/FLUVIAL UPPER SAND AQUIFER**

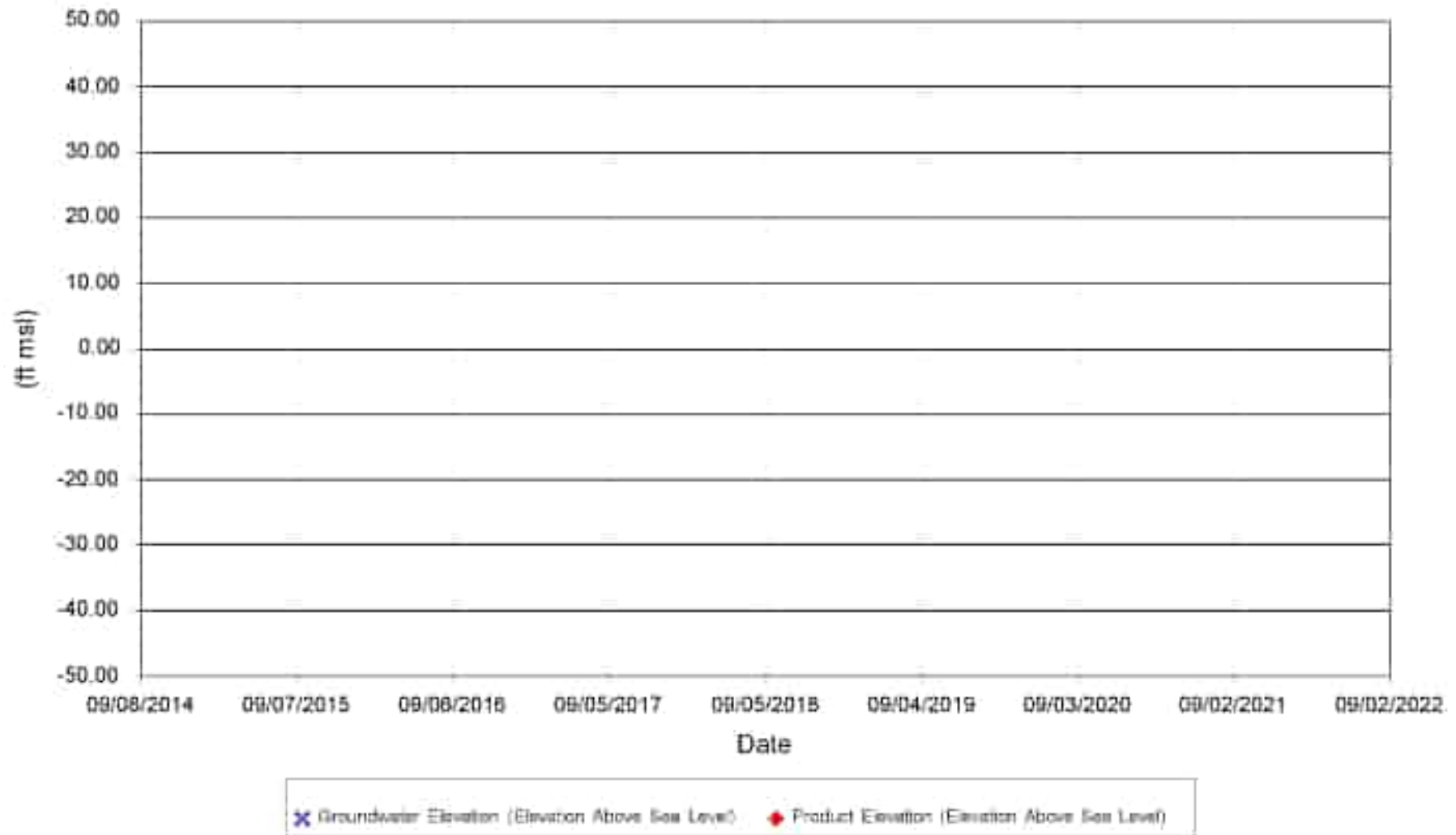
Notes:  
SPH - Separate Phase Hydrocarbon  
ft msl - feet above mean sea level  
A graph with missing or no data points indicates that the well was dry during that(those) period(s)





Western Refining Southwest LLC  
D/B/A Marathon Gallup Refinery  
2022 Annual Groundwater Monitoring Report

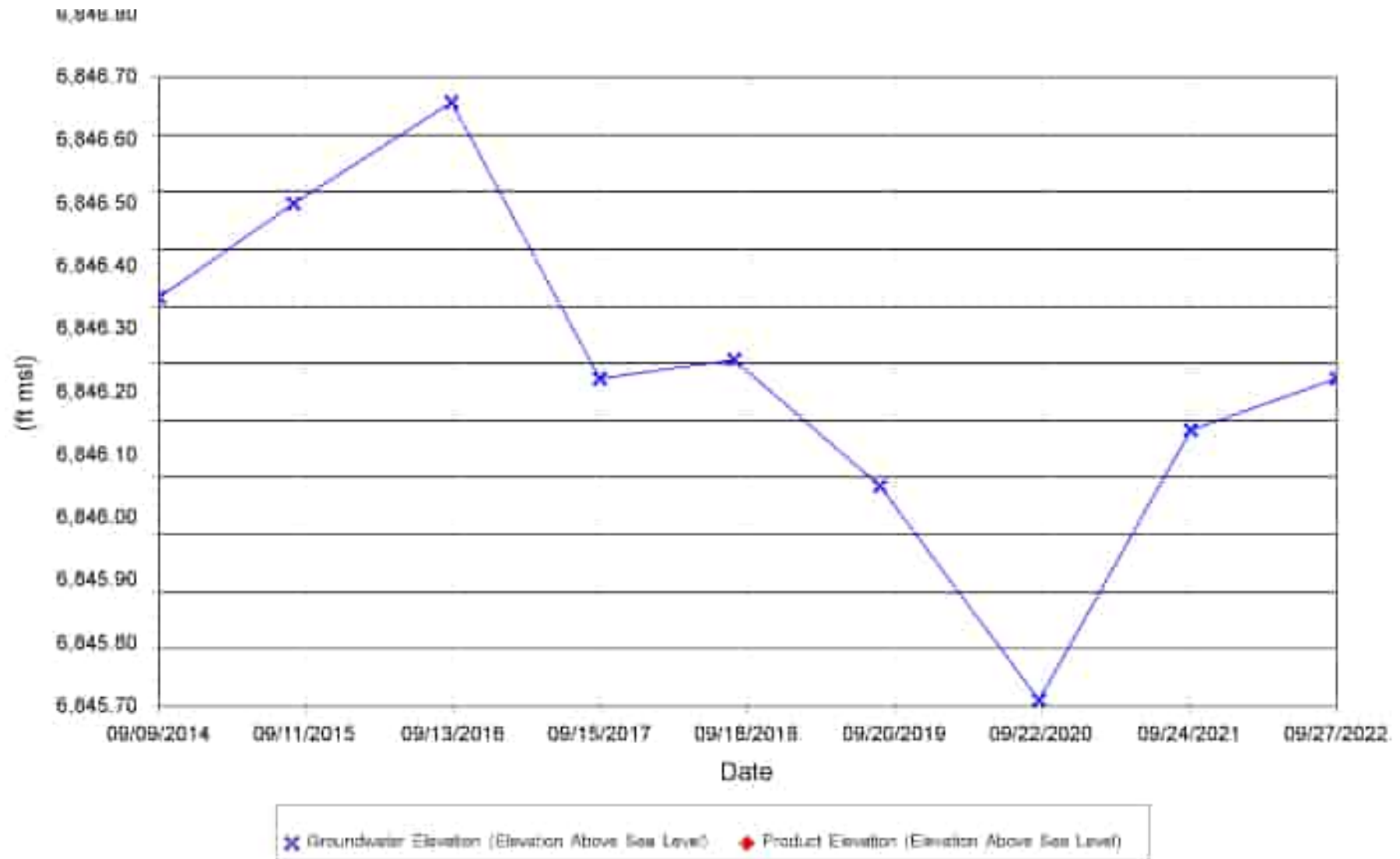
## **Appendix B-2B. Historical Groundwater Elevations and SPH Thicknesses – Chinle/Alluvium Aquifer**

**APPENDIX B-2B. BW-1B HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
CHINLE/ALLUVIUM AQUIFER****Notes:**

SPH - Separate Phase Hydrocarbon

ft msl - feet above mean sea level

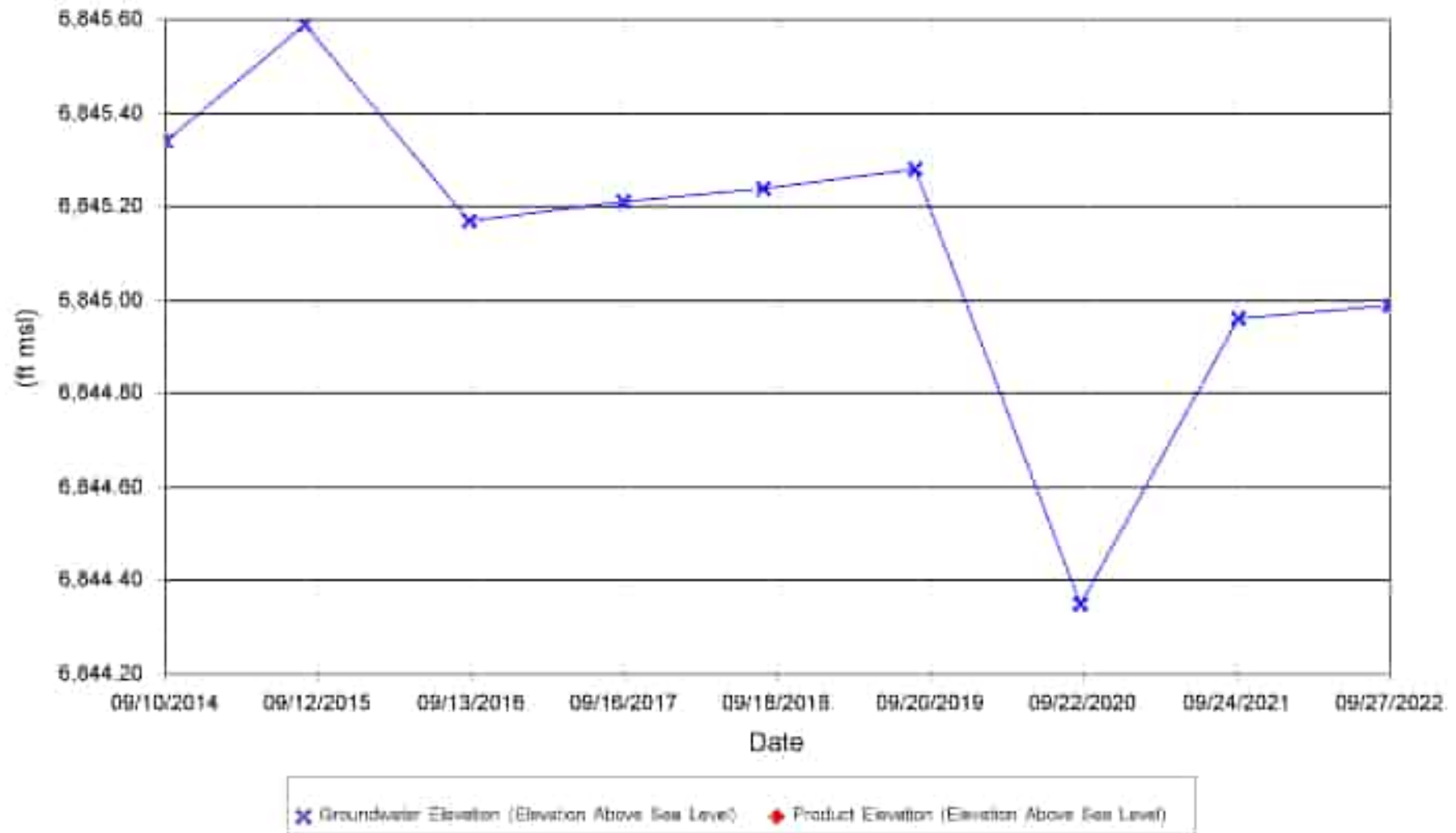
A graph with missing or no data points indicates that the well was dry during that(those) period(s)

**APPENDIX B-2B. BW-2B HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
CHINLE/ALLUVIUM AQUIFER****Notes:**

SPH - Separate Phase Hydrocarbon

ft msl - feet above mean sea level

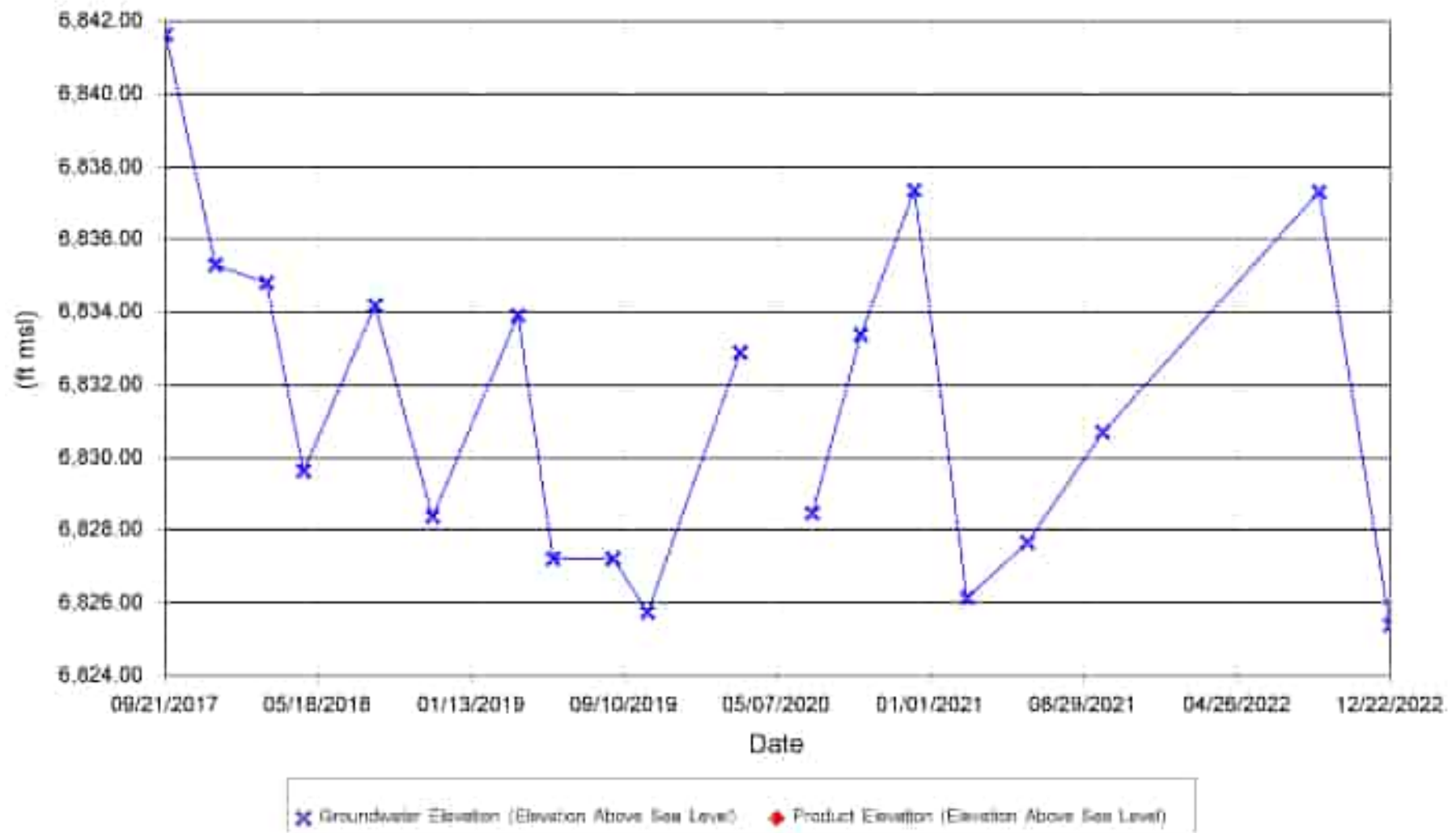
A graph with missing or no data points indicates that the well was dry during that(those) period(s)

**APPENDIX B-2B. BW-3B HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
CHINLE/ALLUVIUM AQUIFER****Notes:**

SPH - Separate Phase Hydrocarbon

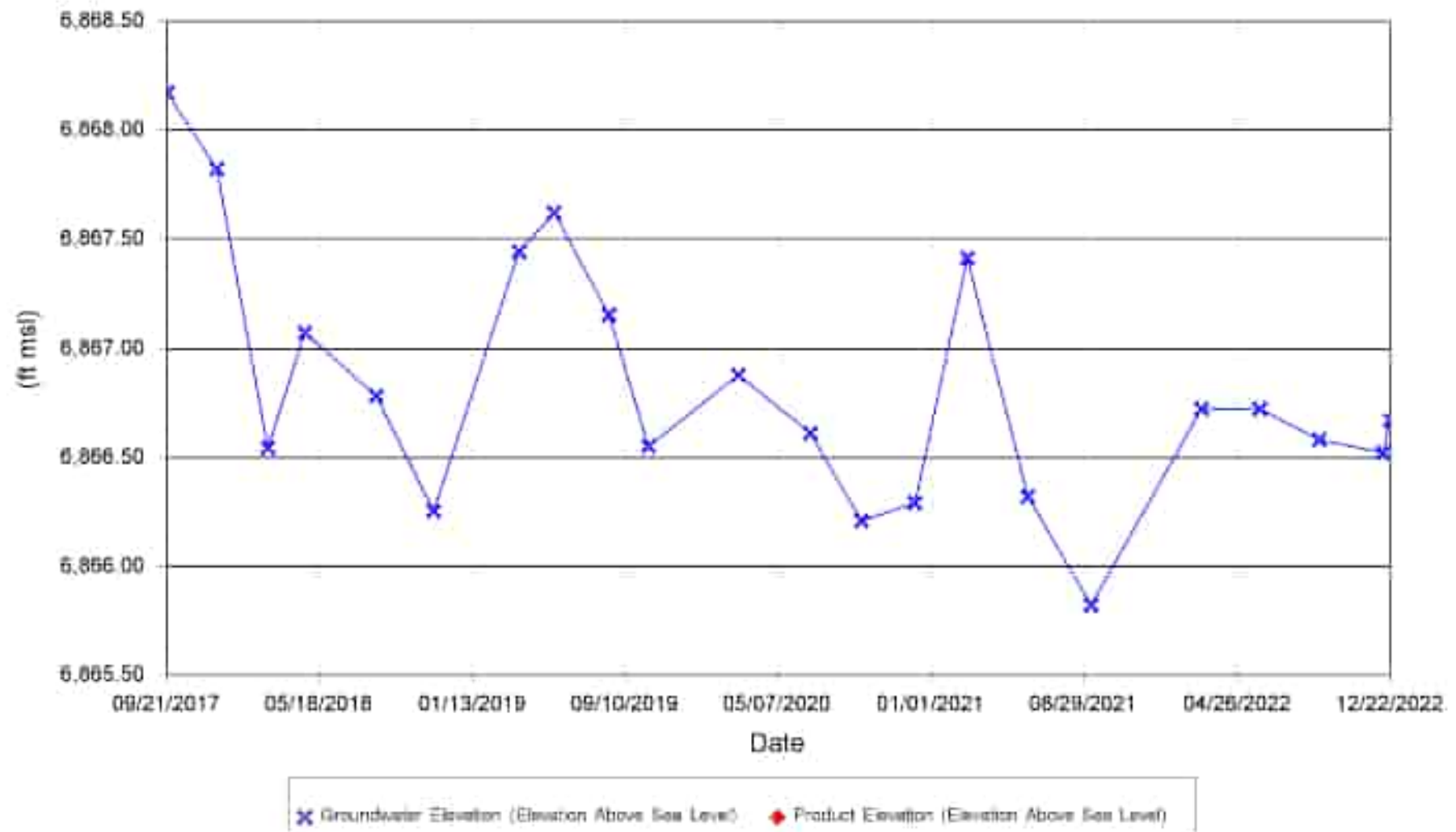
ft msl - feet above mean sea level

A graph with missing or no data points indicates that the well was dry during that(those) period(s)

**APPENDIX B-2B. BW-4B HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
CHINLE/ALLUVIUM AQUIFER**

Notes:  
SPH - Separate Phase Hydrocarbon  
ft msl - feet above mean sea level  
A graph with missing or no data points indicates that the well was dry during that(those) period(s)



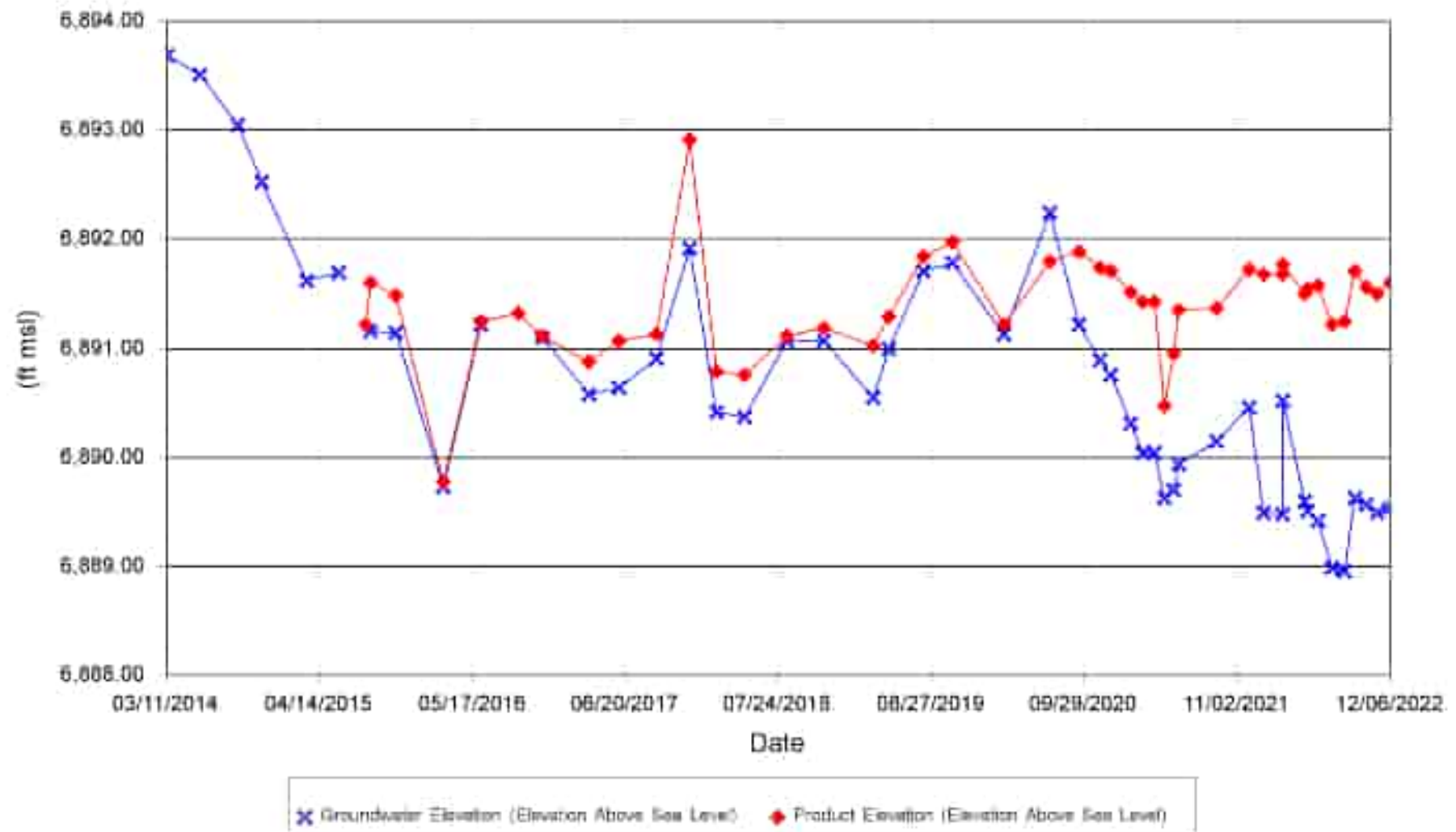
**APPENDIX B-2B. BW-5B HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
CHINLE/ALLUVIUM AQUIFER****Notes:**

SPH - Separate Phase Hydrocarbon

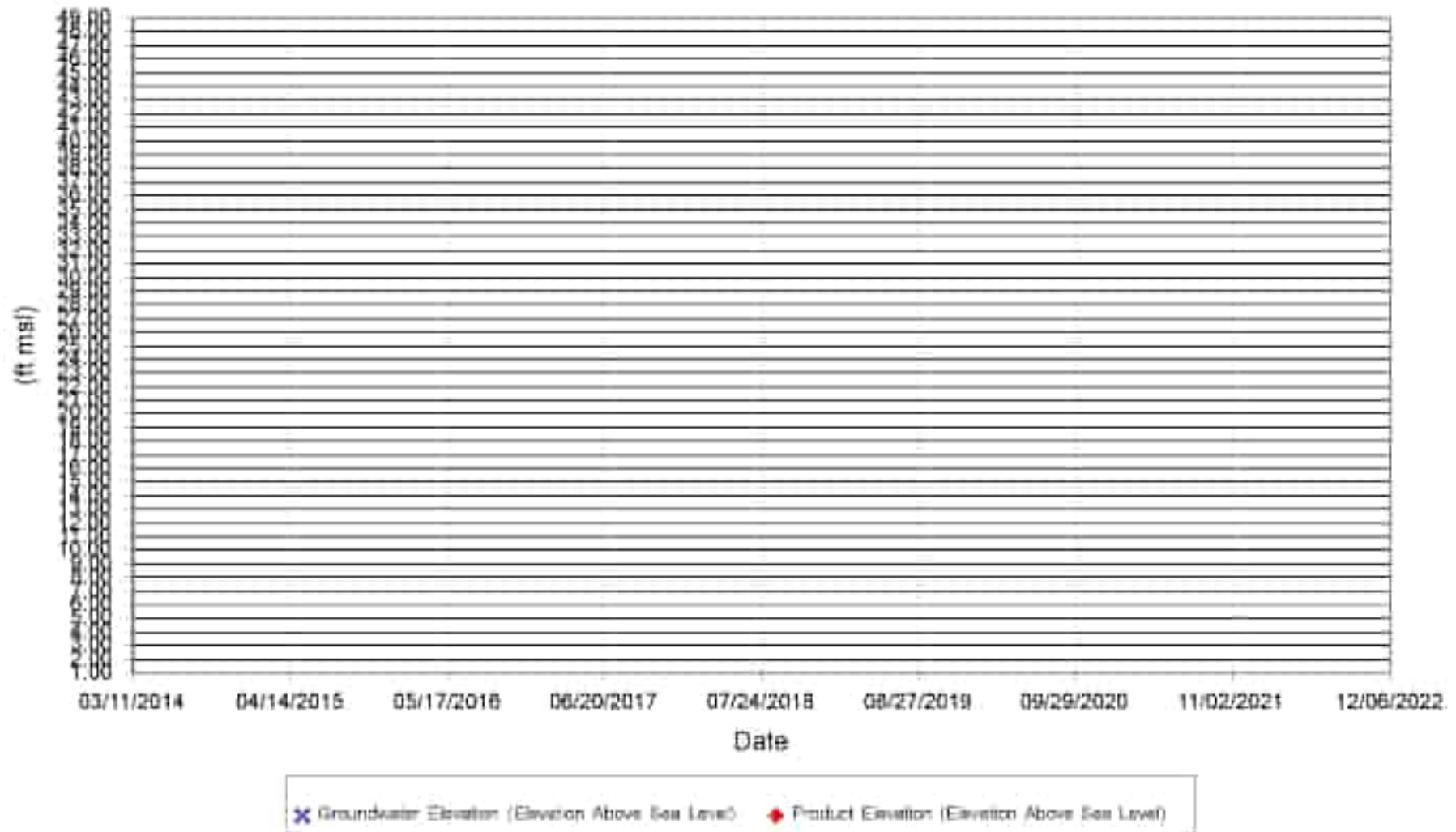
ft msl - feet above mean sea level

A graph with missing or no data points indicates that the well was dry during that(those) period(s)

# APPENDIX B-2B. GWM-1 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER



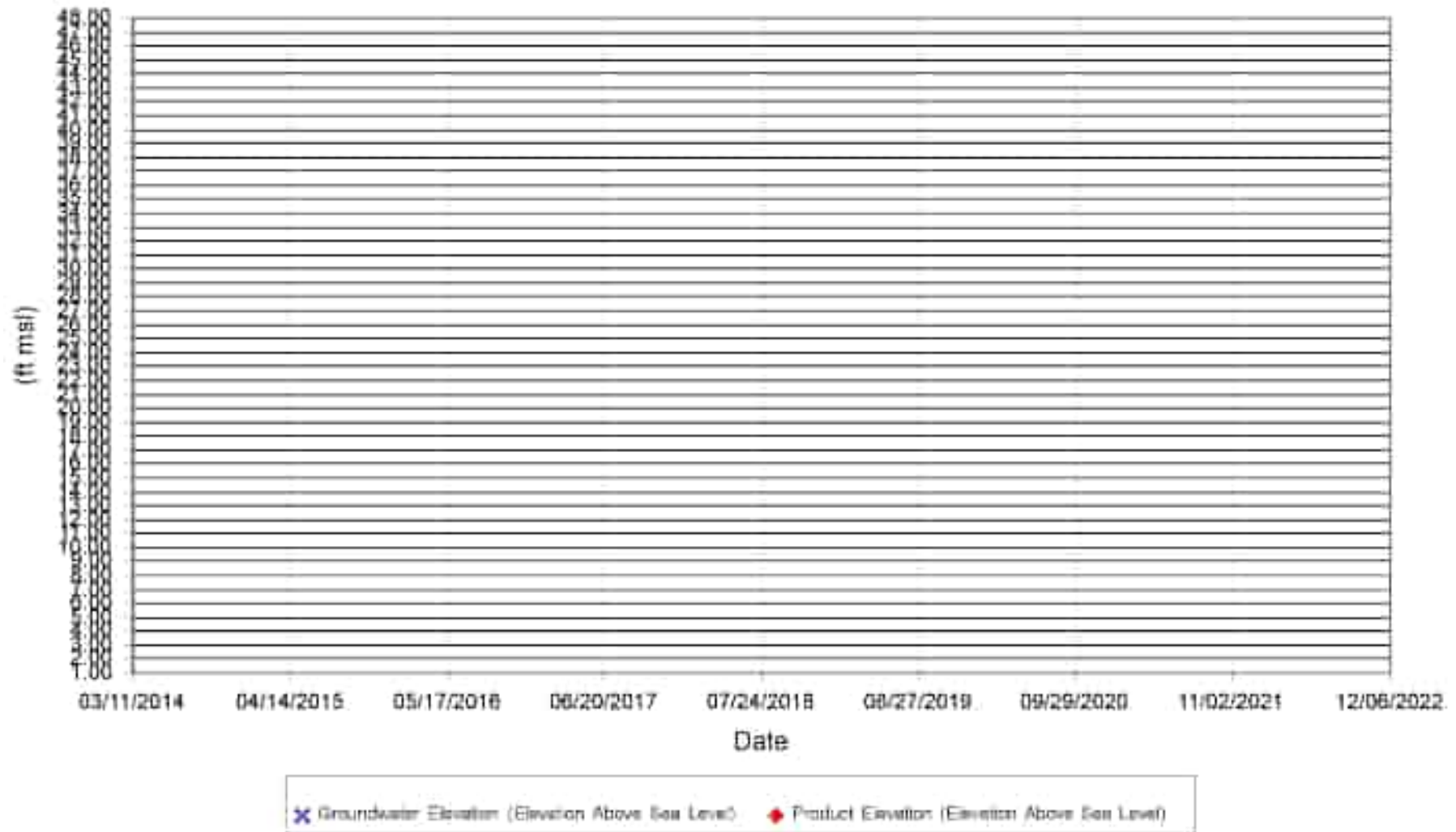
Notes:  
 SPH - Separate Phase Hydrocarbon  
 ft msl - feet above mean sea level  
 A graph with missing or no data points indicates that the well was dry during that(those) period(s)

**APPENDIX B-2B. GWM-2 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
CHINLE/ALLUVIUM AQUIFER****Notes:**

SPH - Separate Phase Hydrocarbon

ft msl - feet above mean sea level

A graph with missing or no data points indicates that the well was dry during that(those) period(s)

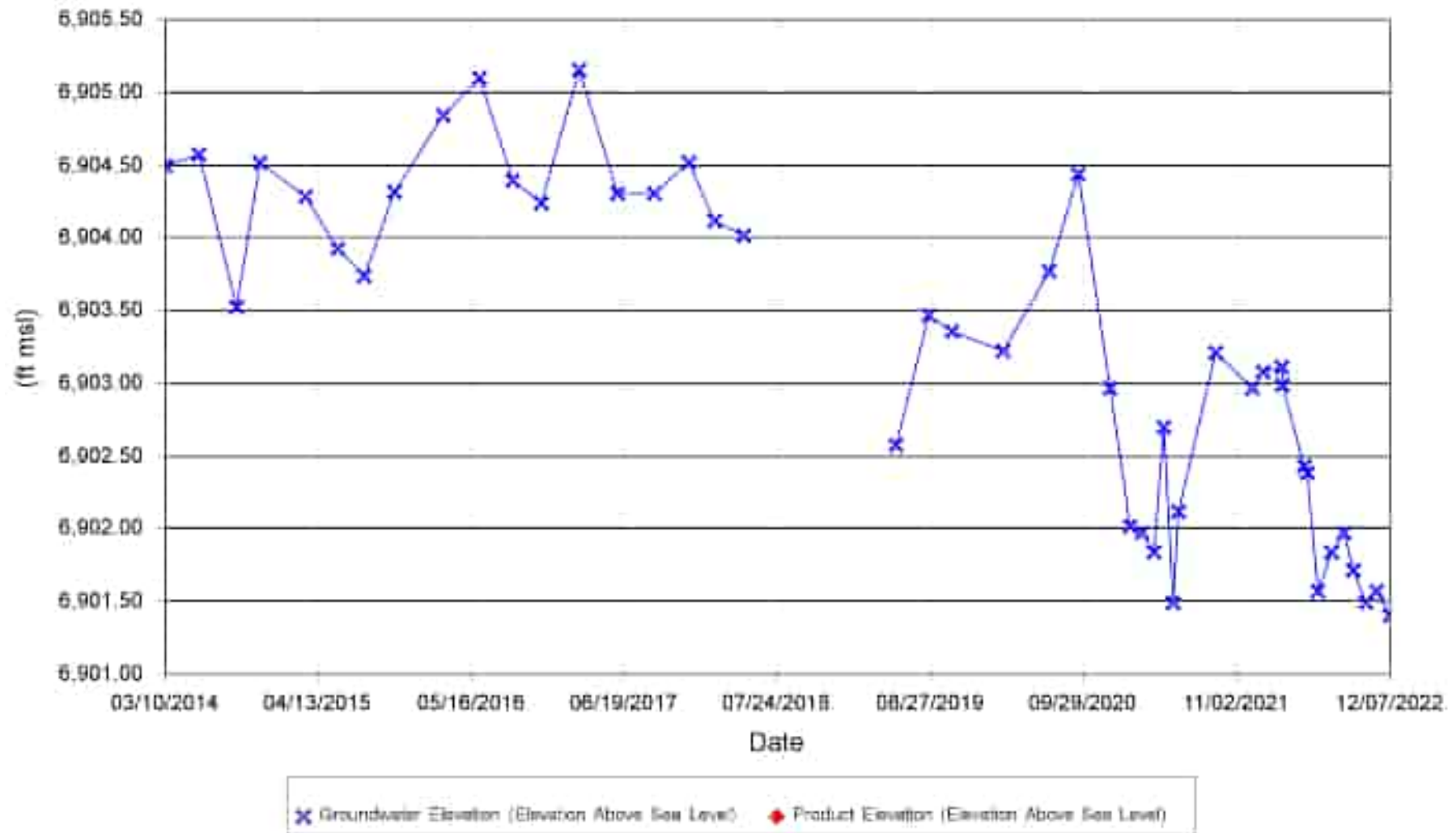
**APPENDIX B-2B. GWM-3 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
CHINLE/ALLUVIUM AQUIFER****Notes:**

SPH - Separate Phase Hydrocarbon

ft msl - feet above mean sea level

A graph with missing or no data points indicates that the well was dry during that(those) period(s)

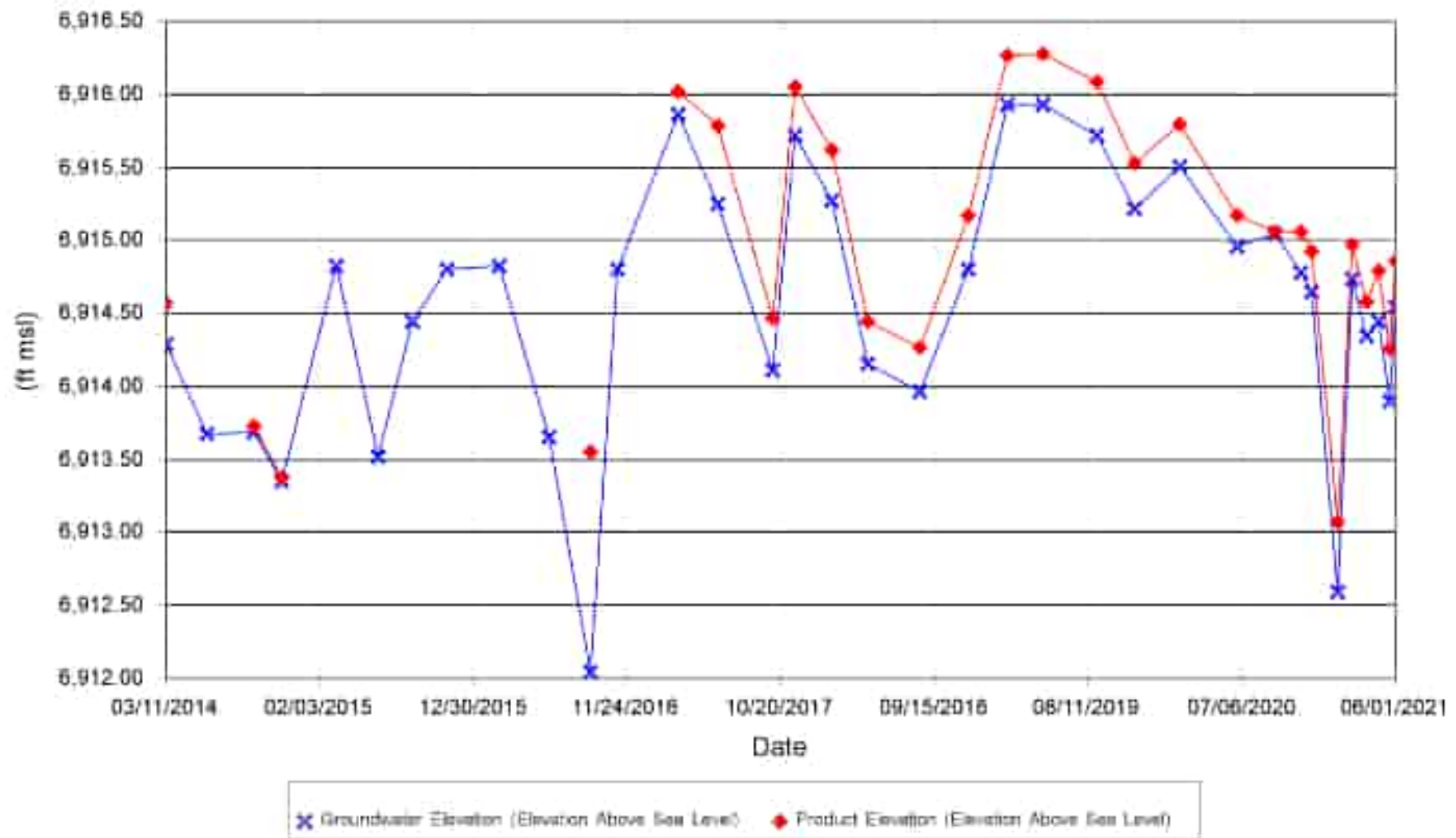
# APPENDIX B-2B. KA-3 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER



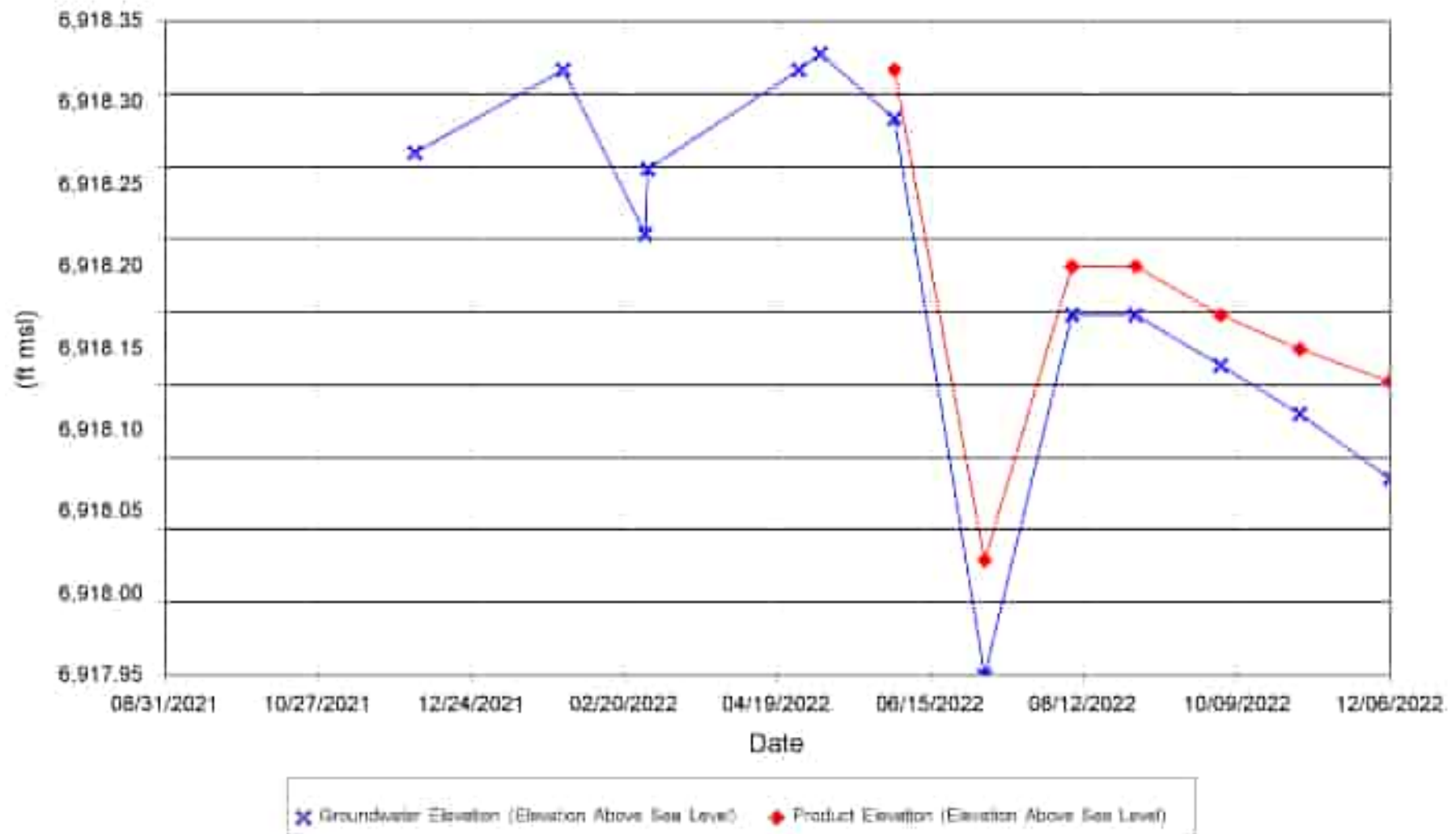
Notes:  
 SPH - Separate Phase Hydrocarbon  
 ft msl - feet above mean sea level  
 A graph with missing or no data points indicates that the well was dry during that(those) period(s)



# APPENDIX B-2B. MKTF-01 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER



Notes:  
 SPH - Separate Phase Hydrocarbon  
 ft msl - feet above mean sea level  
 A graph with missing or no data points indicates that the well was dry during that(those) period(s)

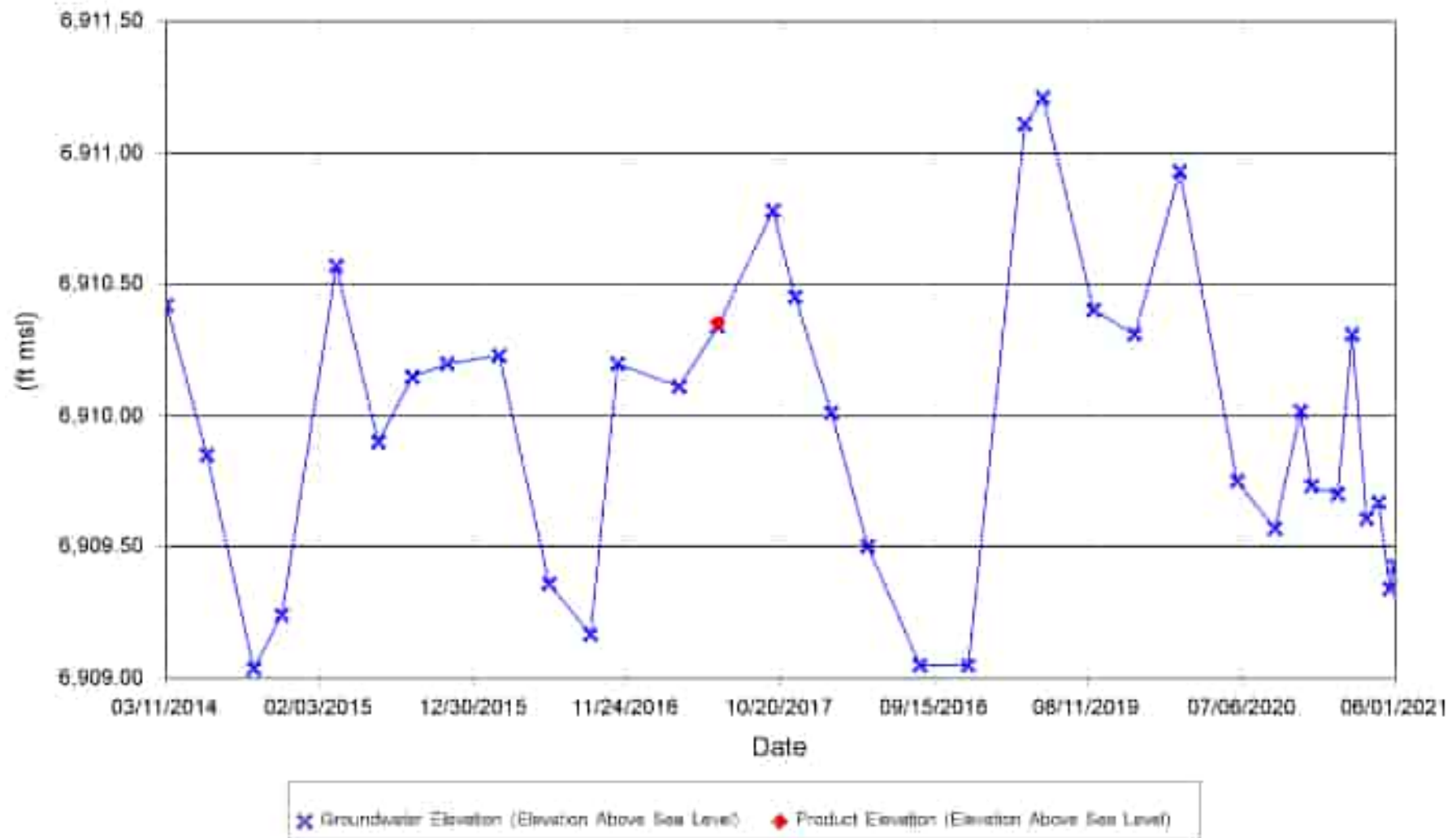
**APPENDIX B-2B. MKTF-01R HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
CHINLE/ALLUVIUM AQUIFER****Notes:**

SPH - Separate Phase Hydrocarbon

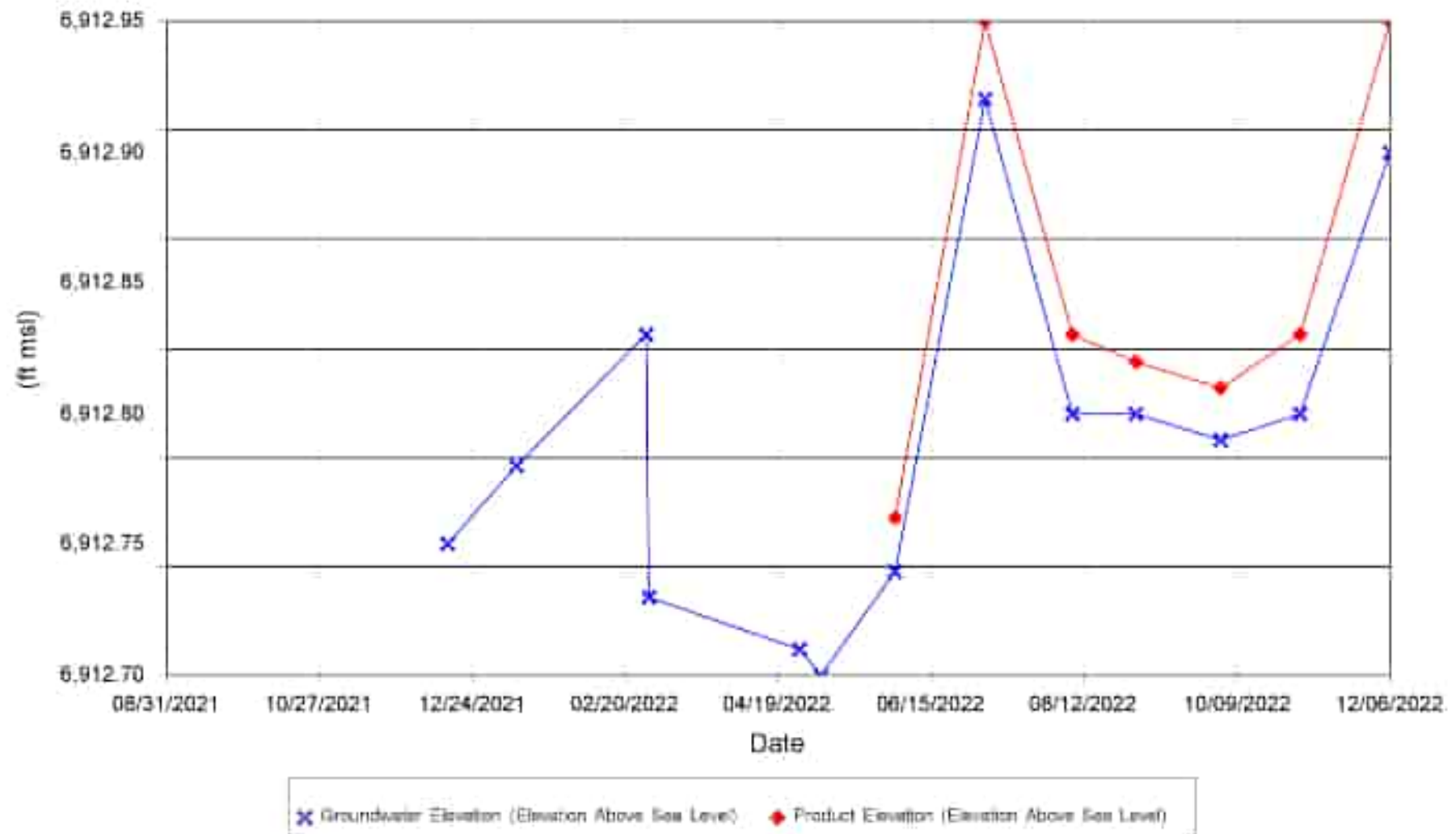
ft msl - feet above mean sea level

A graph with missing or no data points indicates that the well was dry during that(those) period(s)

# APPENDIX B-2B. MKTF-02 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER

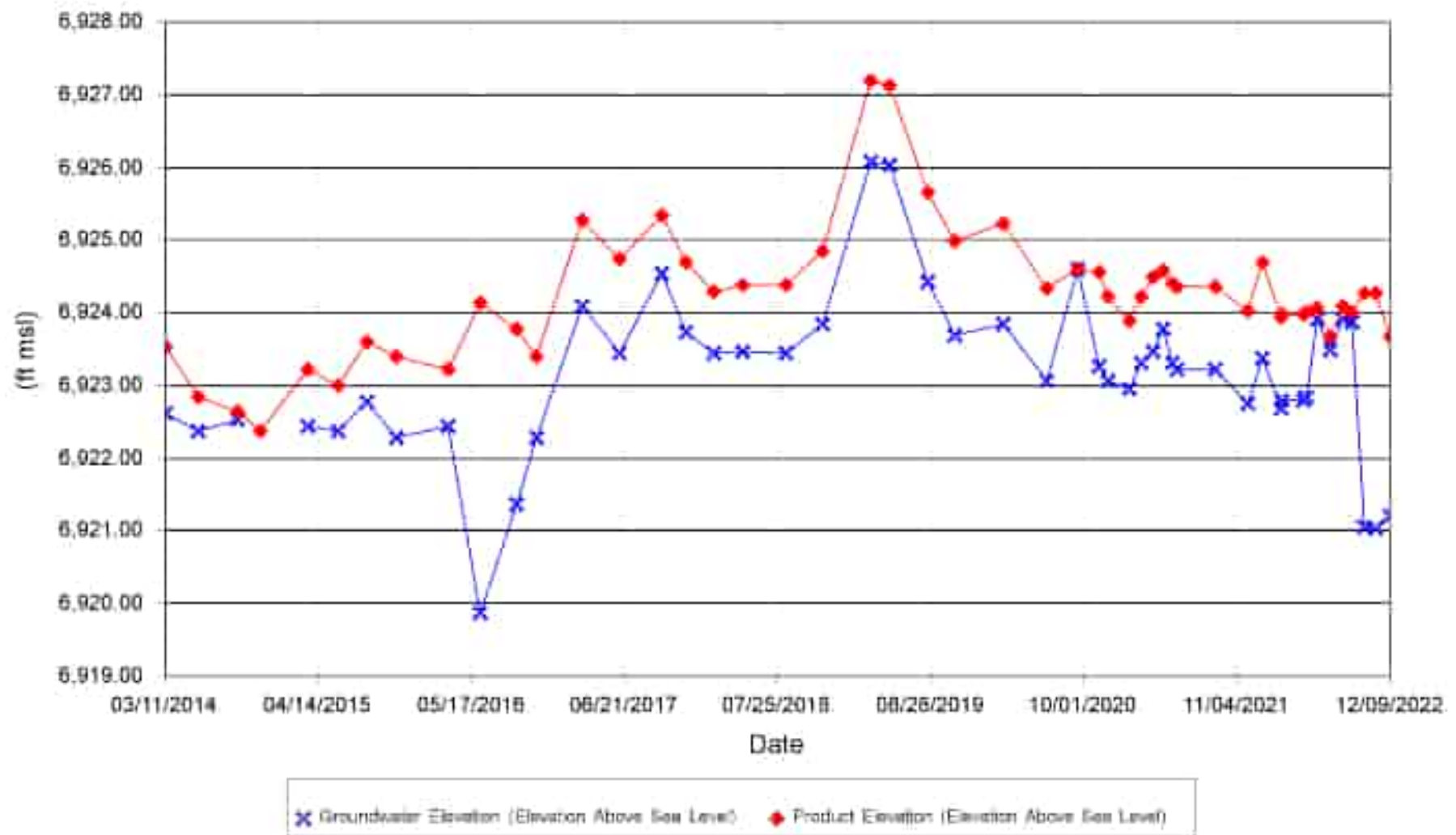


Notes:  
 SPH - Separate Phase Hydrocarbon  
 ft msl - feet above mean sea level  
 A graph with missing or no data points indicates that the well was dry during that(those) period(s)

**APPENDIX B-2B. MKTF-02R HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
CHINLE/ALLUVIUM AQUIFER**

Notes:  
SPH - Separate Phase Hydrocarbon  
ft msl - feet above mean sea level  
A graph with missing or no data points indicates that the well was dry during that(those) period(s)

# APPENDIX B-2B. MKTF-03 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER



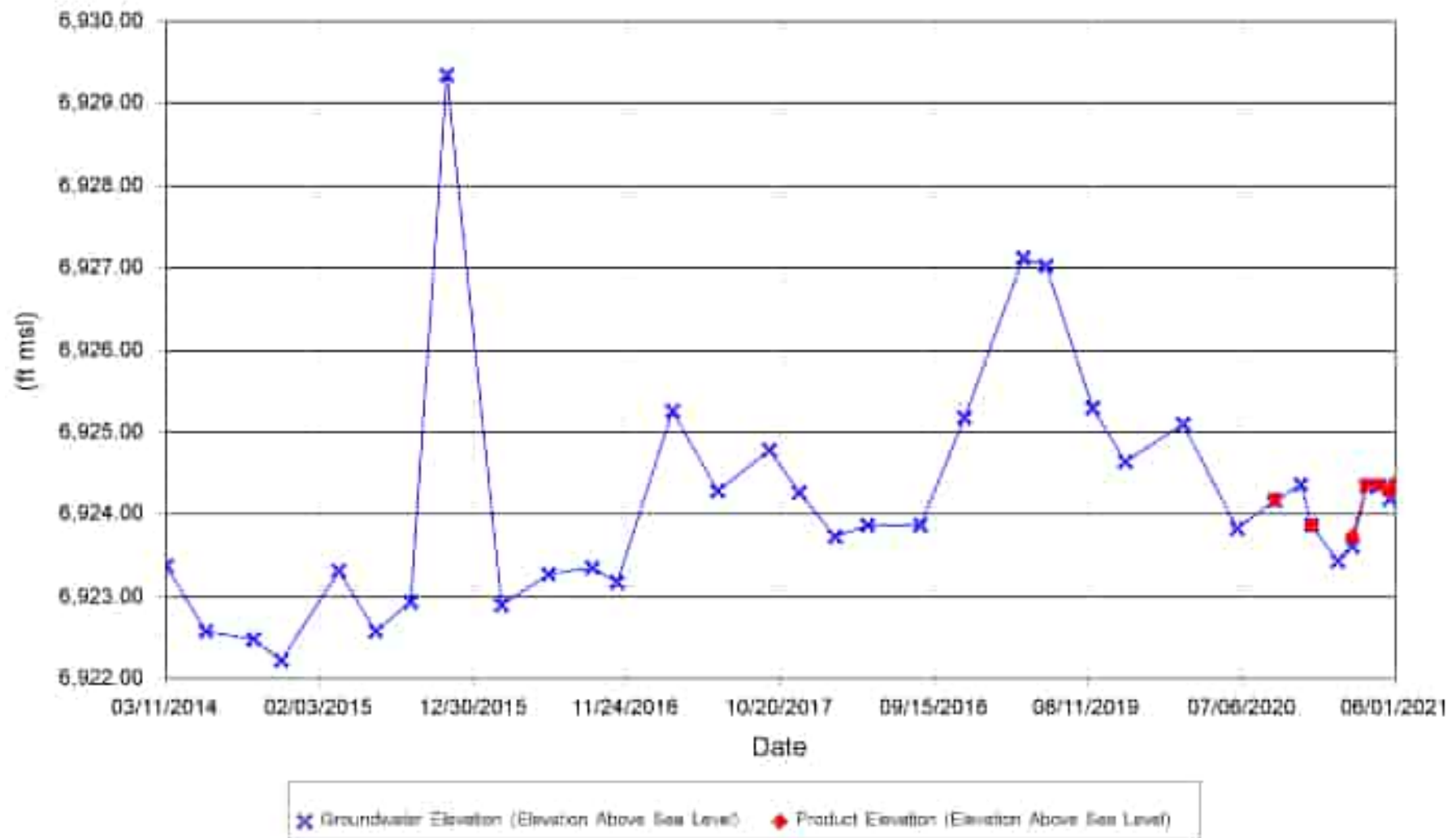
## Notes:

SPH - Separate Phase Hydrocarbon

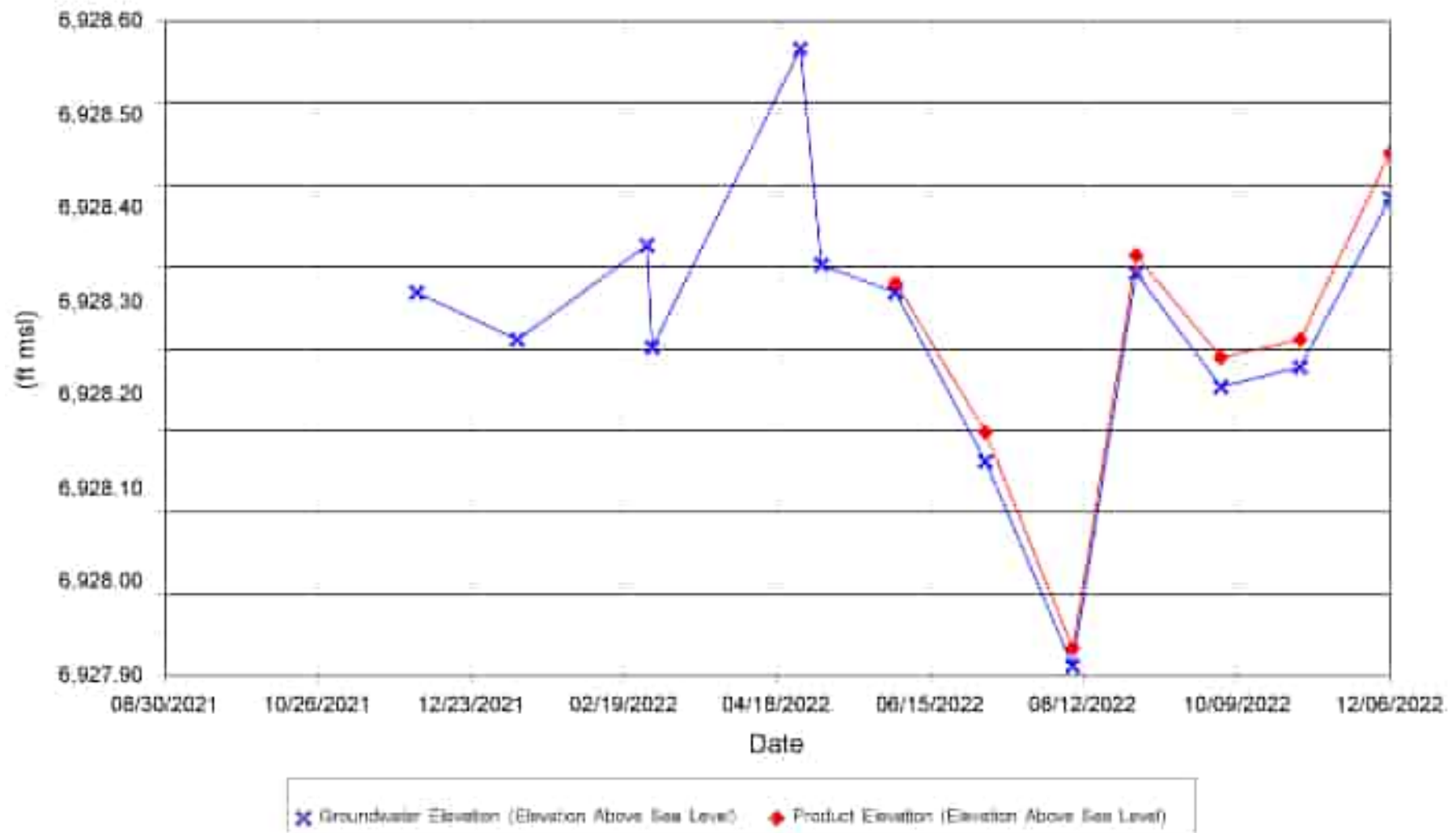
ft msl - feet above mean sea level

A graph with missing or no data points indicates that the well was dry during that(those) period(s)



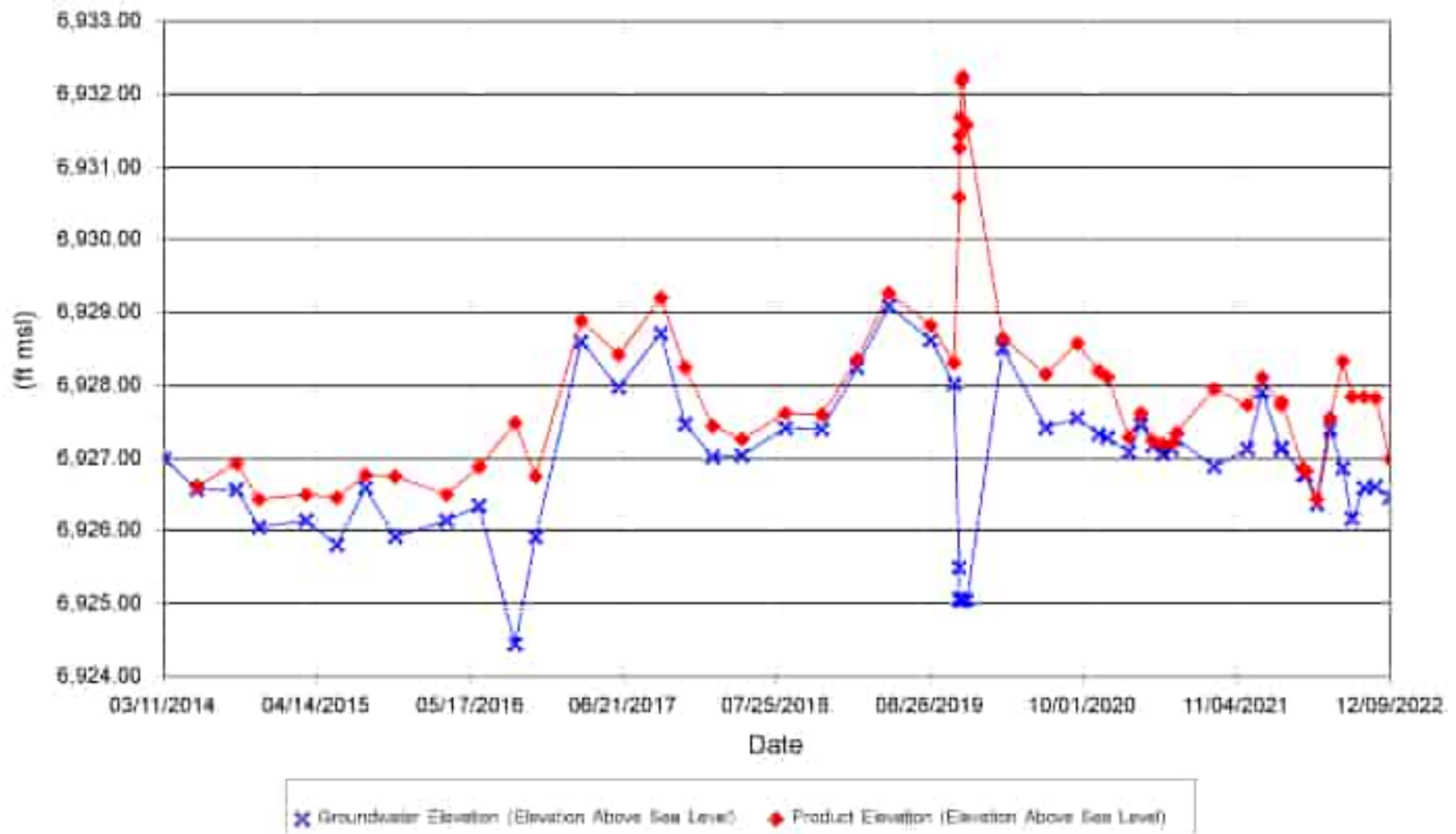
**APPENDIX B-2B. MKTF-04 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
CHINLE/ALLUVIUM AQUIFER**

Notes:  
SPH - Separate Phase Hydrocarbon  
ft msl - feet above mean sea level  
A graph with missing or no data points indicates that the well was dry during that(those) period(s)

**APPENDIX B-2B. MKTF-04R HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
CHINLE/ALLUVIUM AQUIFER**

Notes:  
SPH - Separate Phase Hydrocarbon  
ft msl - feet above mean sea level  
A graph with missing or no data points indicates that the well was dry during that(those) period(s)

# APPENDIX B-2B. MKTF-05 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER



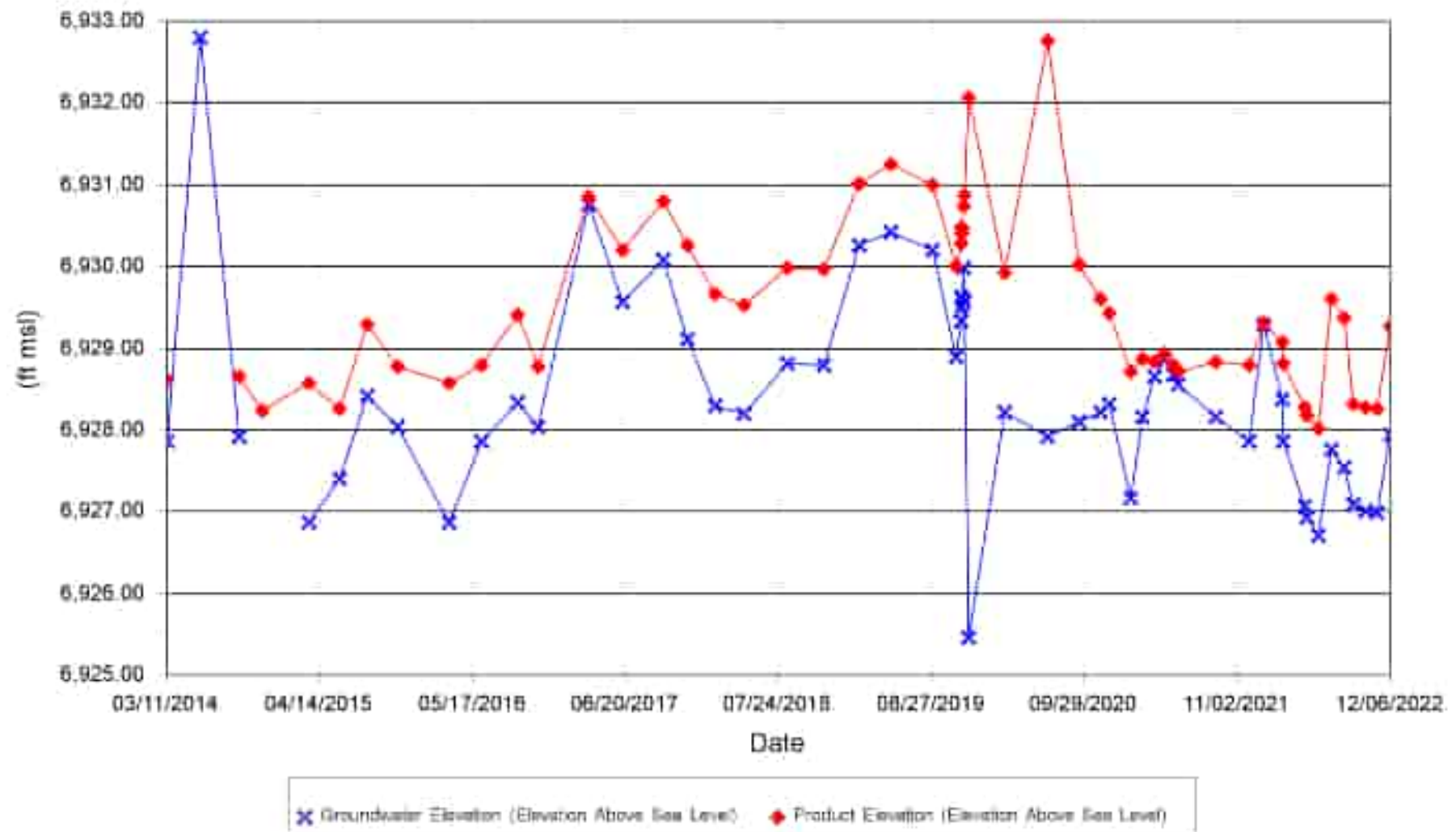
## Notes:

SPH - Separate Phase Hydrocarbon

ft msl - feet above mean sea level

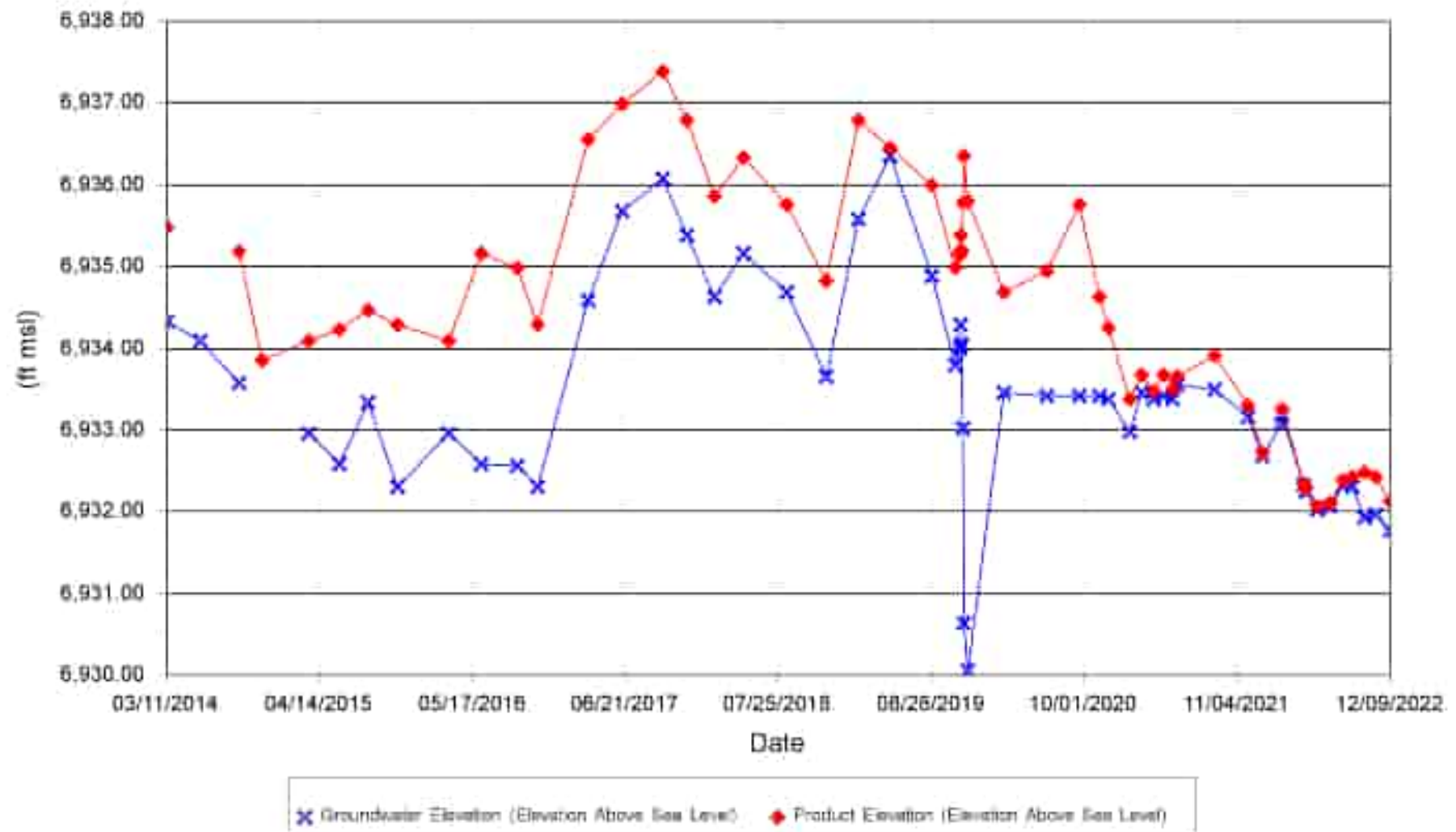
A graph with missing or no data points indicates that the well was dry during that(those) period(s)

# APPENDIX B-2B. MKTF-06 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER



Notes:  
 SPH - Separate Phase Hydrocarbon  
 ft msl - feet above mean sea level  
 A graph with missing or no data points indicates that the well was dry during that(those) period(s)

# APPENDIX B-2B. MKTF-07 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER



## Notes:

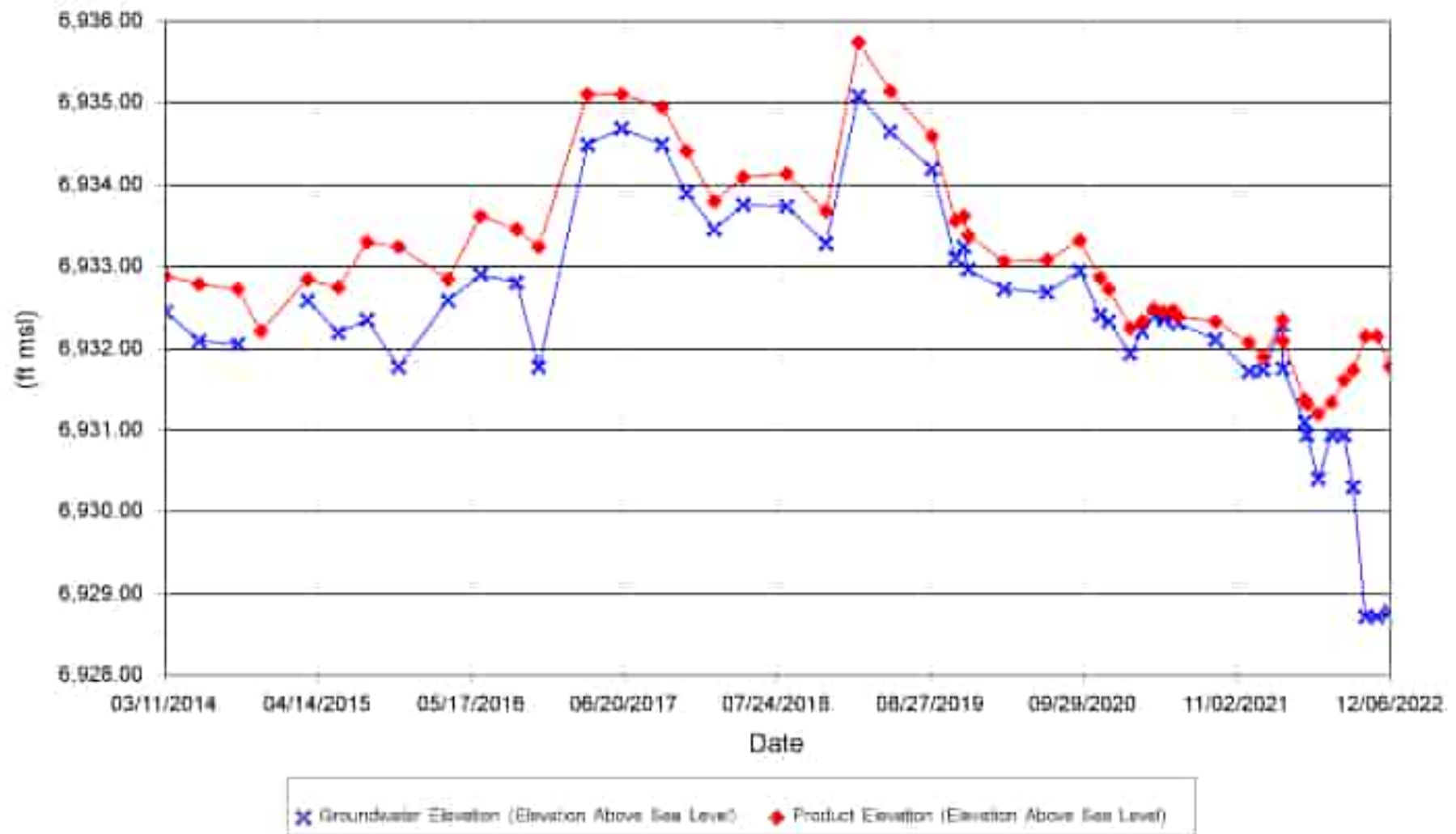
SPH - Separate Phase Hydrocarbon

ft msl - feet above mean sea level

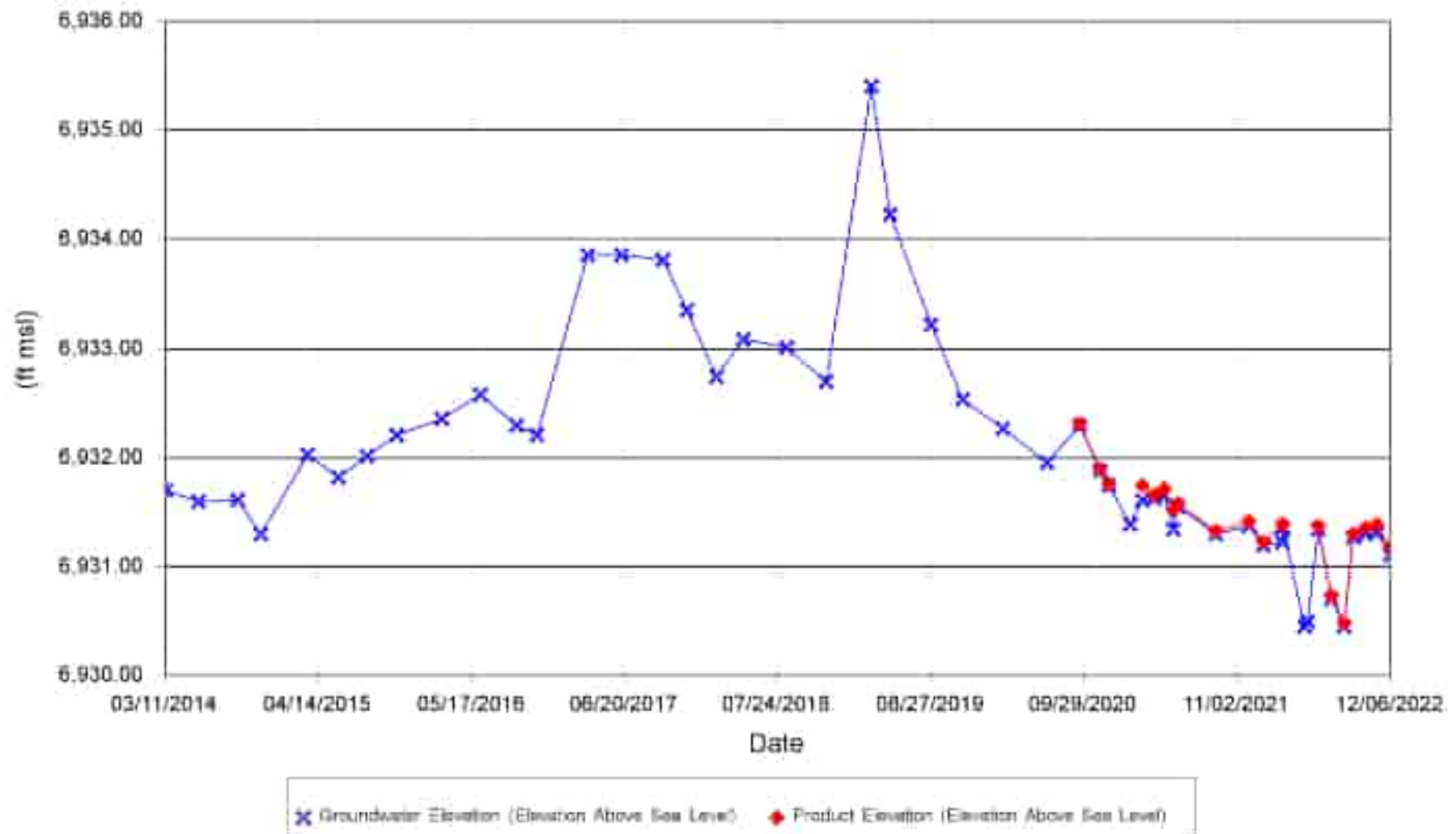
A graph with missing or no data points indicates that the well was dry during that(those) period(s)



# APPENDIX B-2B. MKTF-08 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER

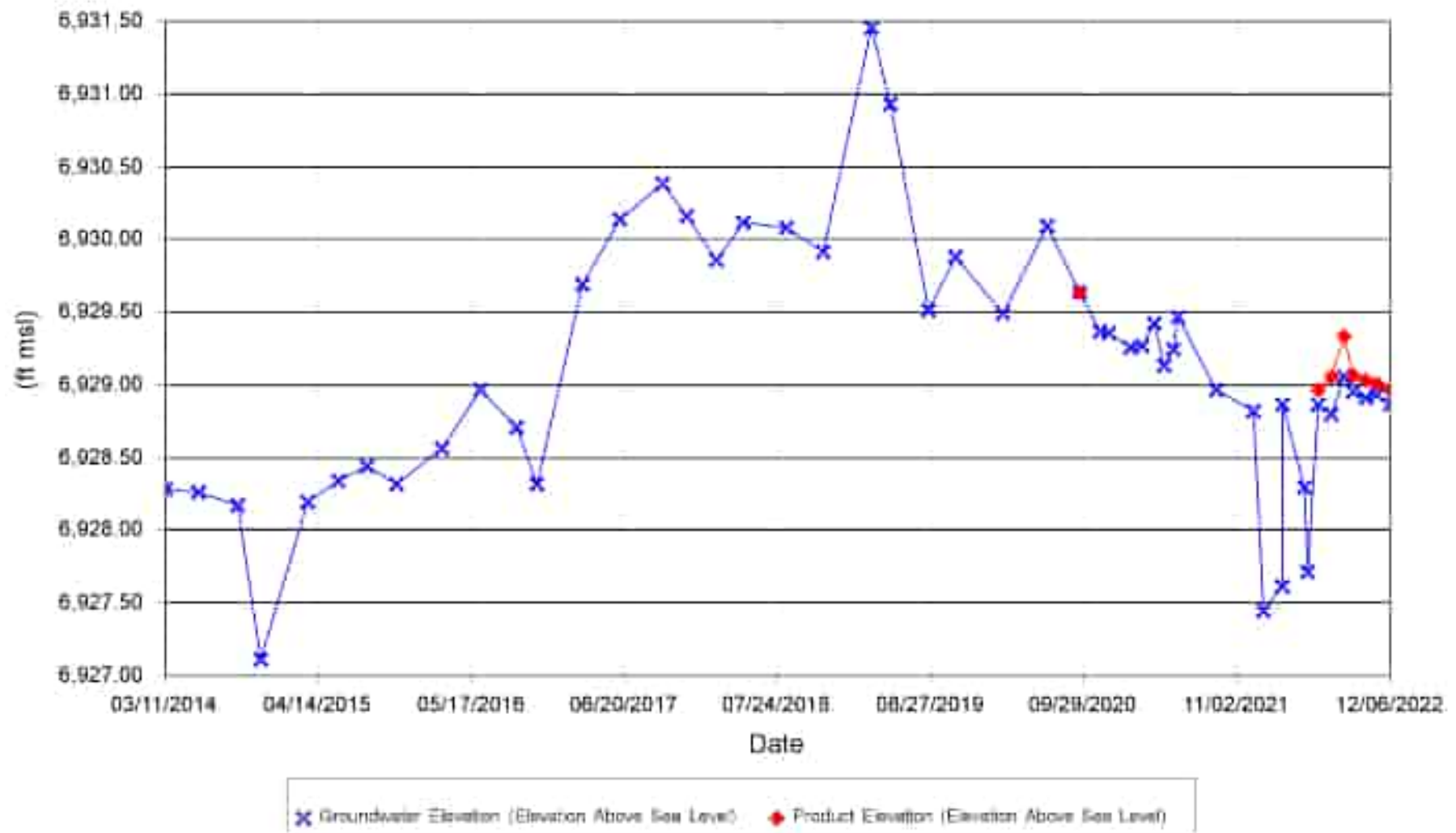


Notes:  
 SPH - Separate Phase Hydrocarbon  
 ft msl - feet above mean sea level  
 A graph with missing or no data points indicates that the well was dry during that(those) period(s)

**APPENDIX B-2B. MKTF-09 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
CHINLE/ALLUVIUM AQUIFER**

Notes:  
SPH - Separate Phase Hydrocarbon  
ft msl - feet above mean sea level  
A graph with missing or no data points indicates that the well was dry during that(those) period(s)

# APPENDIX B-2B. MKTF-10 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER



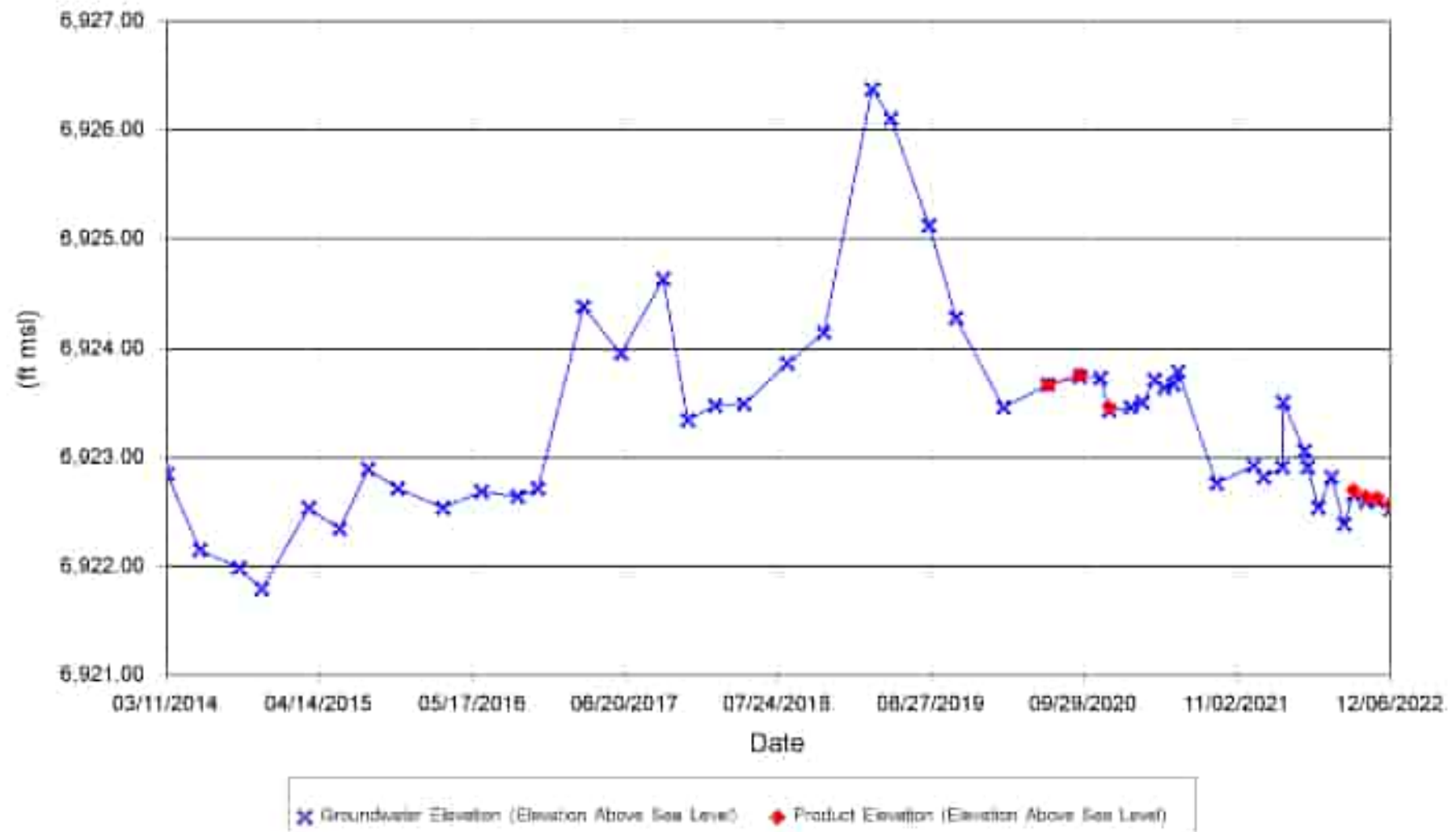
## Notes:

SPH - Separate Phase Hydrocarbon

ft msl - feet above mean sea level

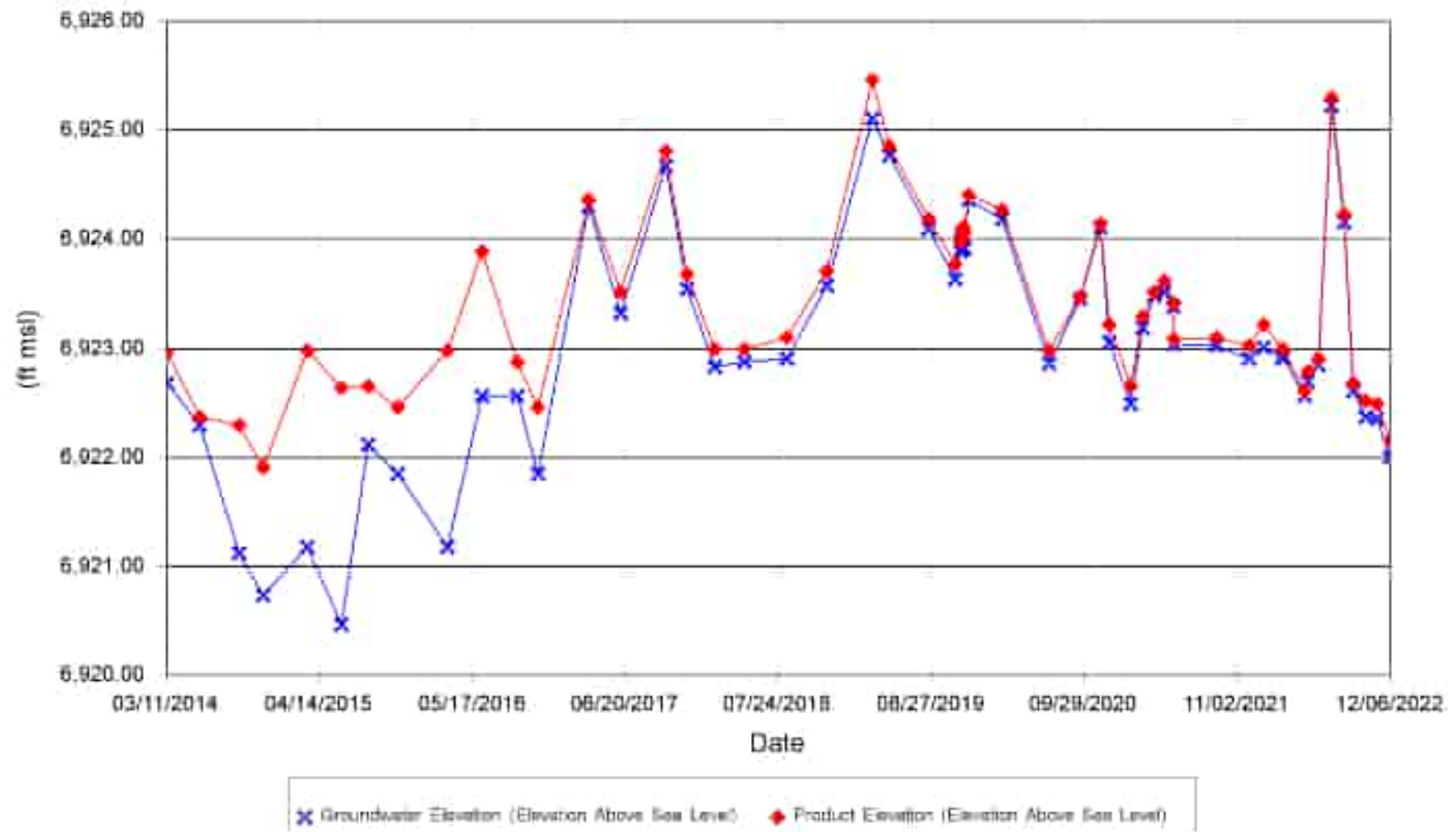
A graph with missing or no data points indicates that the well was dry during that(those) period(s)

# APPENDIX B-2B. MKTF-11 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER



Notes:  
 SPH - Separate Phase Hydrocarbon  
 ft msl - feet above mean sea level  
 A graph with missing or no data points indicates that the well was dry during that(those) period(s)

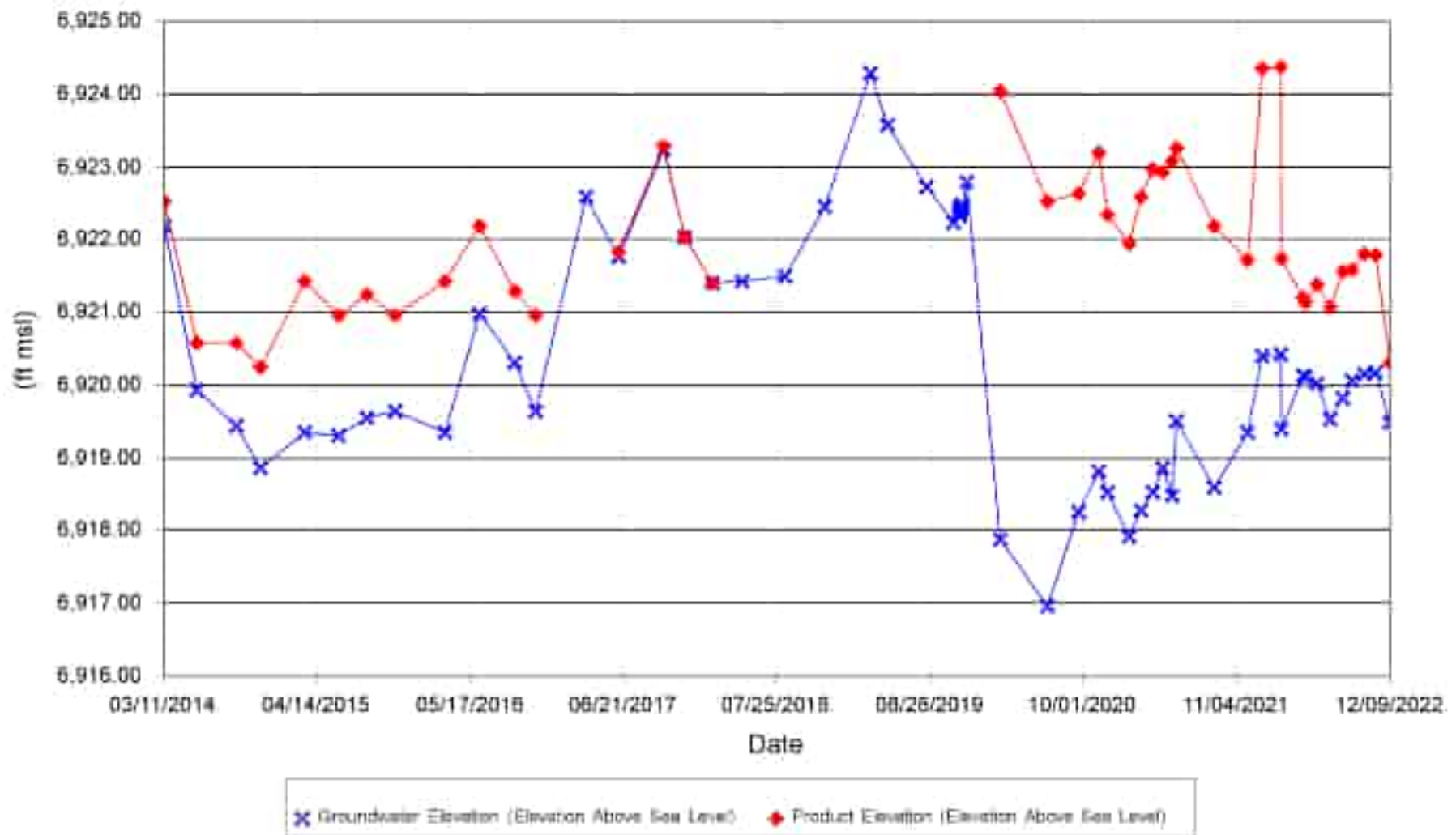
# APPENDIX B-2B. MKTF-12 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER



Notes:  
 SPH - Separate Phase Hydrocarbon  
 ft msl - feet above mean sea level  
 A graph with missing or no data points indicates that the well was dry during that(those) period(s)

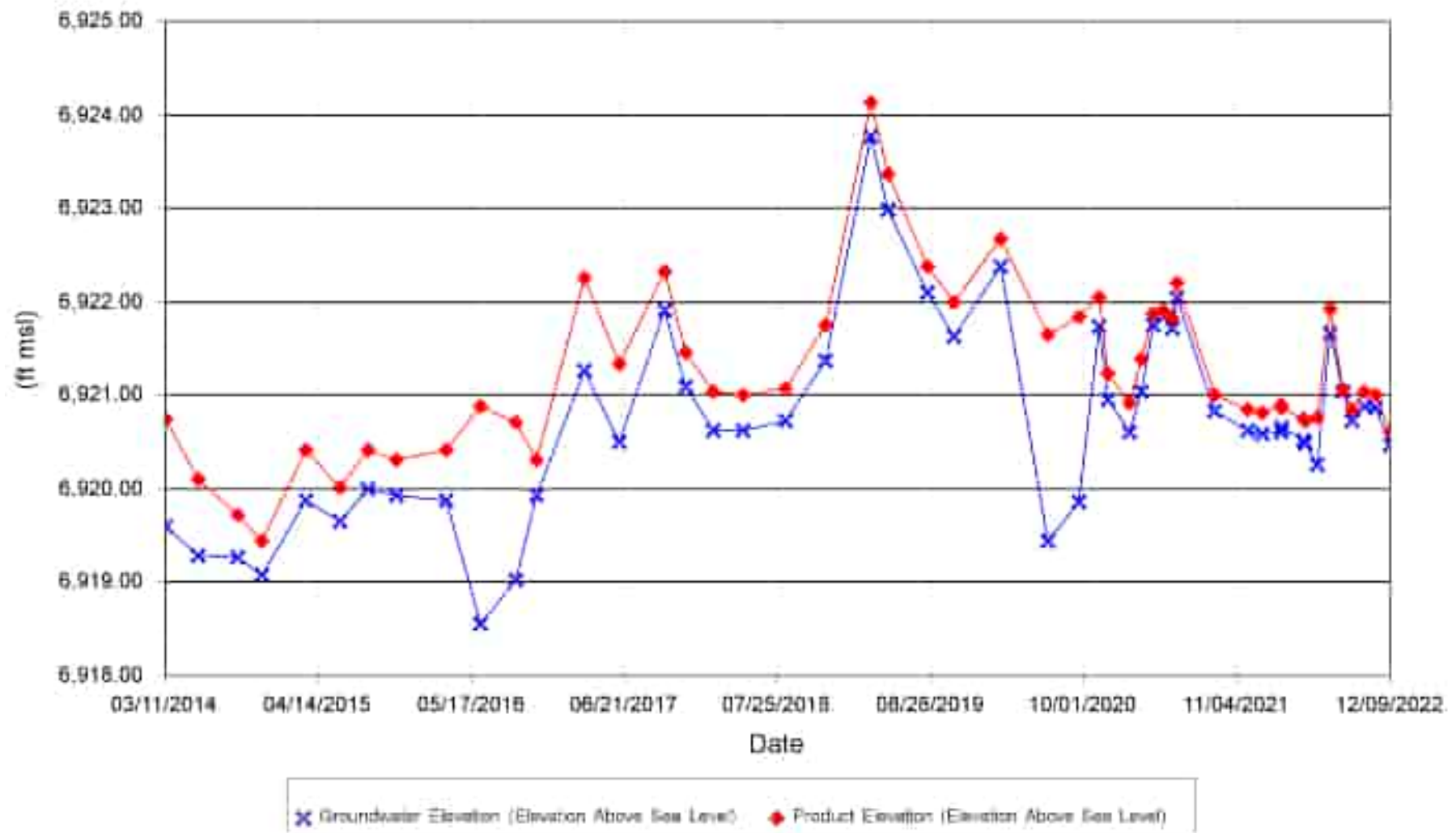


# APPENDIX B-2B. MKTF-13 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER



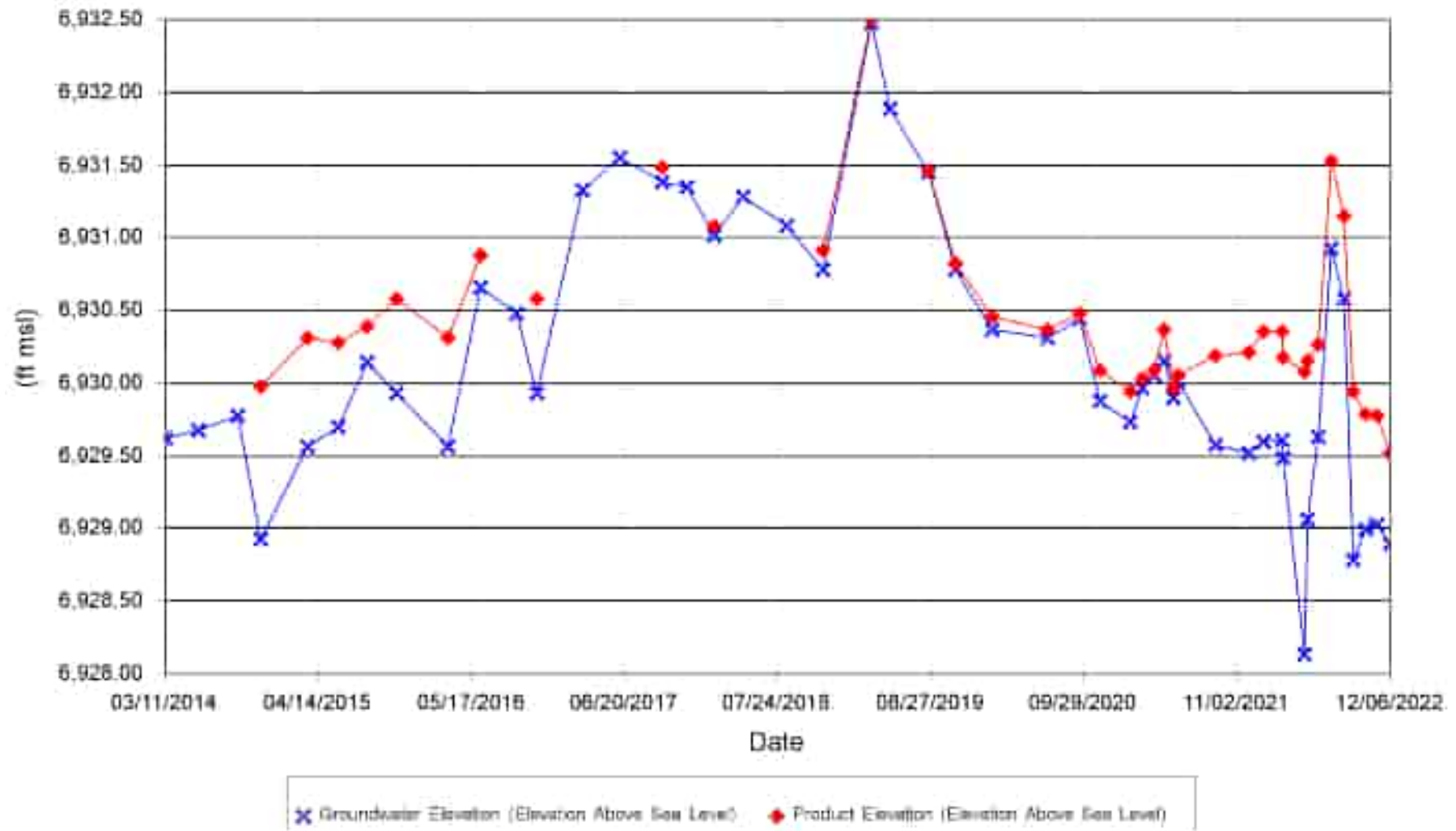
Notes:  
 SPH - Separate Phase Hydrocarbon  
 ft msl - feet above mean sea level  
 A graph with missing or no data points indicates that the well was dry during that(those) period(s)

# APPENDIX B-2B. MKTF-14 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER



Notes:  
 SPH - Separate Phase Hydrocarbon  
 ft msl - feet above mean sea level  
 A graph with missing or no data points indicates that the well was dry during that(those) period(s)

# APPENDIX B-2B. MKTF-15 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER



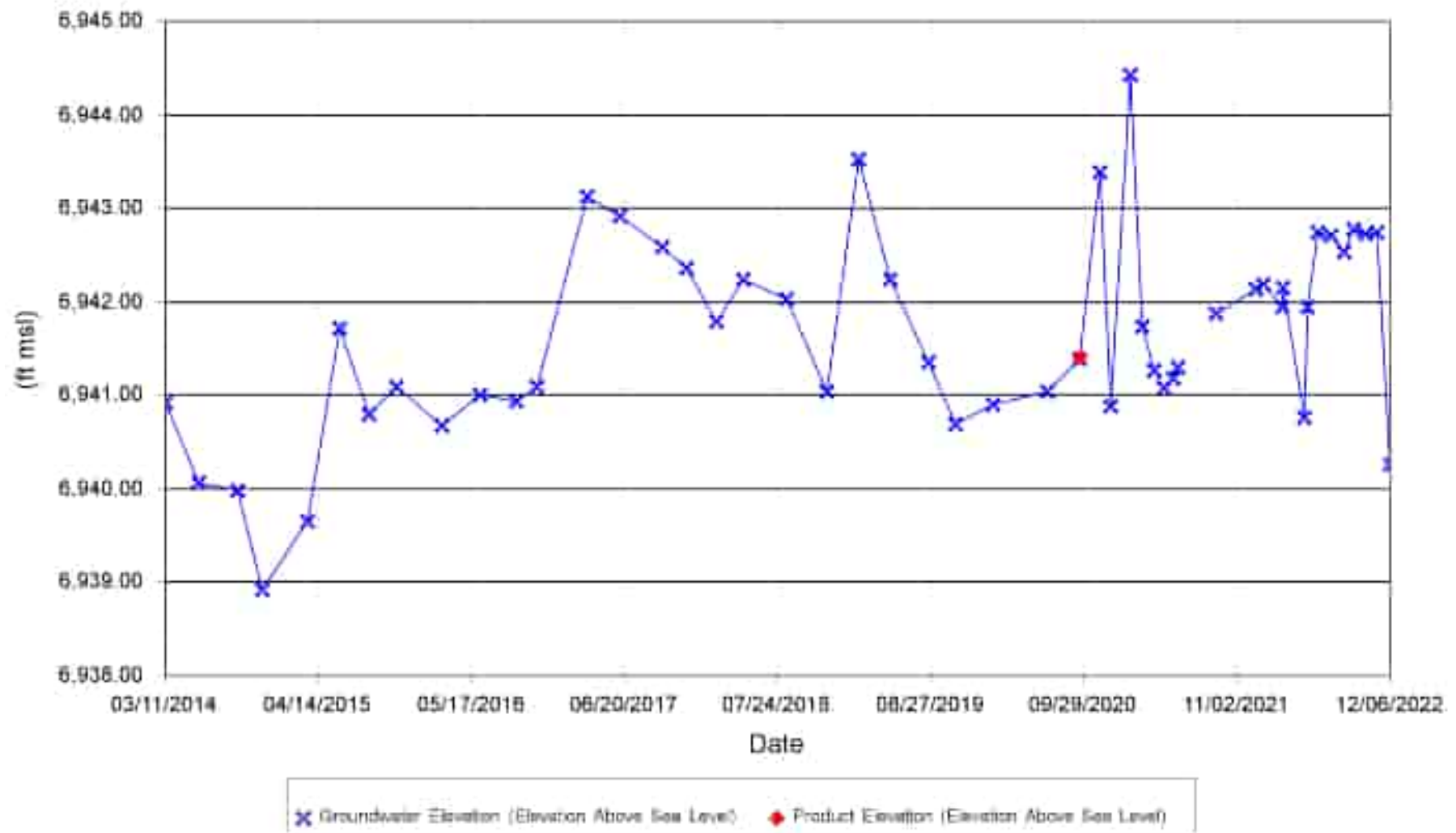
## Notes:

SPH - Separate Phase Hydrocarbon

ft msl - feet above mean sea level

A graph with missing or no data points indicates that the well was dry during that(those) period(s)

# APPENDIX B-2B. MKTF-16 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER



## Notes:

SPH - Separate Phase Hydrocarbon

ft msl - feet above mean sea level

A graph with missing or no data points indicates that the well was dry during that(those) period(s)

The graph displays two data series over time. The Y-axis represents elevation in feet mean sea level (ft msl), ranging from 6,927.00 to 6,938.00. The X-axis represents the date, from 03/11/2014 to 06/01/2021. The 'Groundwater Elevation' series (blue line with 'x' markers) shows fluctuations between approximately 6,930.5 and 6,937.5 ft msl. The 'Product Elevation' series (red line with diamond markers) begins in late 2019, peaks at about 6,935.8 ft msl in early 2020, and ends at approximately 6,930.8 ft msl in early 2021.

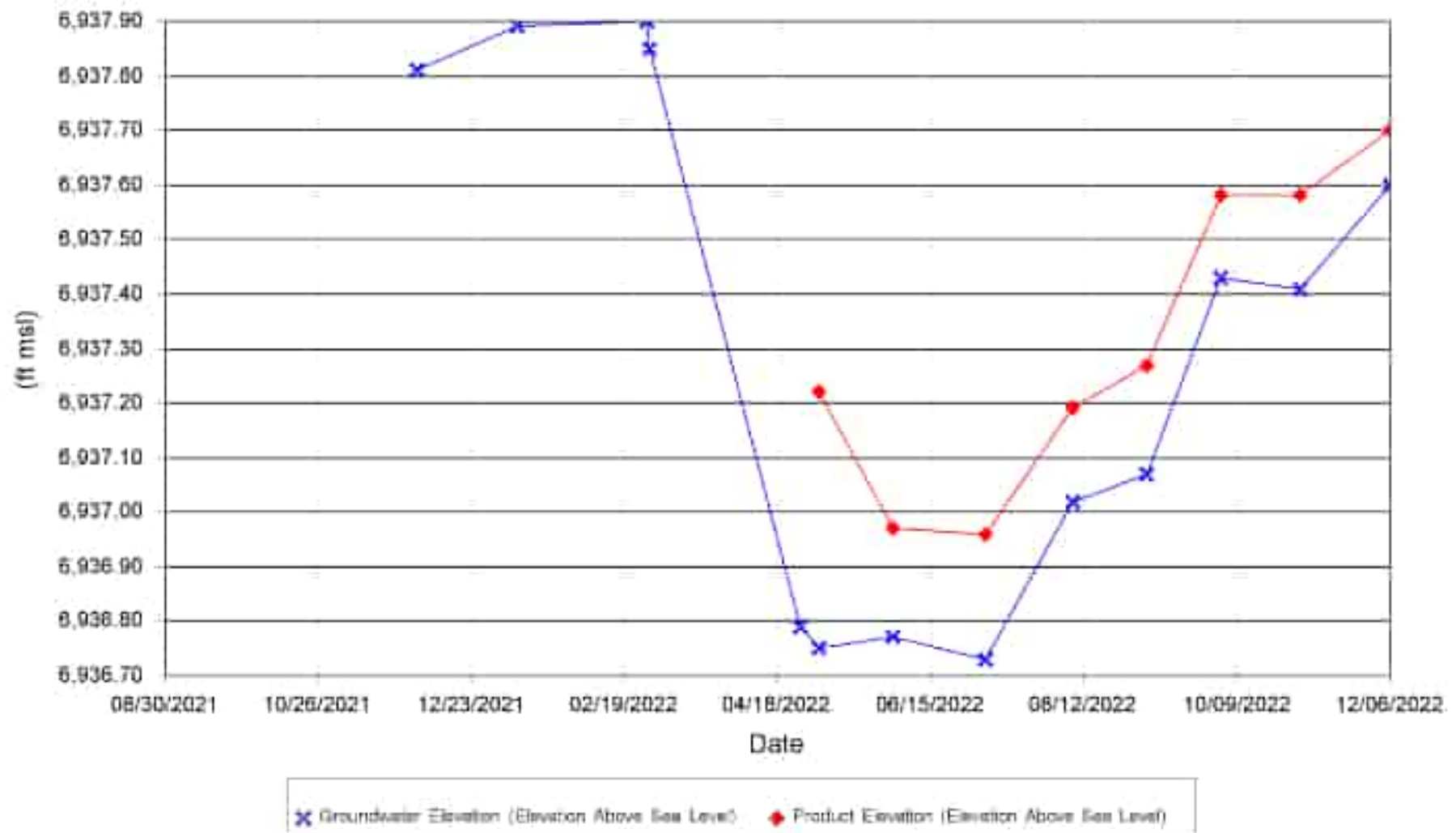
| Date       | Groundwater Elevation (ft msl) | Product Elevation (ft msl) |
|------------|--------------------------------|----------------------------|
| 03/11/2014 | 6,935.8                        |                            |
| 05/01/2014 | 6,934.5                        |                            |
| 07/01/2014 | 6,934.5                        |                            |
| 09/01/2014 | 6,933.0                        |                            |
| 11/01/2014 | 6,933.0                        |                            |
| 01/01/2015 | 6,932.3                        |                            |
| 03/01/2015 | 6,933.8                        |                            |
| 05/01/2015 | 6,933.4                        |                            |
| 07/01/2015 | 6,933.9                        |                            |
| 09/01/2015 | 6,934.5                        |                            |
| 11/01/2015 | 6,933.3                        |                            |
| 01/01/2016 | 6,933.4                        |                            |
| 03/01/2016 | 6,937.5                        |                            |
| 05/01/2016 | 6,935.8                        |                            |
| 07/01/2016 | 6,936.5                        |                            |
| 09/01/2016 | 6,932.1                        |                            |
| 11/01/2016 | 6,934.1                        |                            |
| 01/01/2017 | 6,933.4                        |                            |
| 03/01/2017 | 6,933.2                        |                            |
| 05/01/2017 | 6,935.1                        |                            |
| 07/01/2017 | 6,931.7                        |                            |
| 09/01/2017 | 6,935.0                        |                            |
| 11/01/2017 | 6,934.9                        |                            |
| 01/01/2018 | 6,930.5                        |                            |
| 03/01/2018 | 6,930.4                        |                            |
| 05/01/2018 | 6,930.5                        |                            |
| 07/01/2018 | 6,933.3                        |                            |
| 09/01/2018 | 6,932.6                        |                            |
| 11/01/2018 | 6,933.3                        |                            |
| 01/01/2019 | 6,933.3                        |                            |
| 03/01/2019 | 6,933.3                        |                            |
| 05/01/2019 | 6,933.3                        |                            |
| 07/01/2019 | 6,933.3                        |                            |
| 09/01/2019 | 6,933.3                        |                            |
| 11/01/2019 | 6,933.3                        |                            |
| 01/01/2020 | 6,933.3                        |                            |
| 03/01/2020 | 6,933.3                        |                            |
| 05/01/2020 | 6,933.3                        |                            |
| 07/01/2020 | 6,933.3                        |                            |
| 09/01/2020 | 6,933.3                        |                            |
| 11/01/2020 | 6,933.3                        |                            |
| 01/01/2021 | 6,933.3                        |                            |
| 03/01/2021 | 6,933.3                        |                            |
| 05/01/2021 | 6,933.3                        |                            |
| 07/01/2021 | 6,933.3                        |                            |
| 09/01/2021 | 6,933.3                        |                            |
| 11/01/2021 | 6,933.3                        |                            |
| 01/01/2022 | 6,933.3                        |                            |
| 03/01/2022 | 6,933.3                        |                            |
| 05/01/2022 | 6,933.3                        |                            |
| 07/01/2022 | 6,933.3                        |                            |
| 09/01/2022 | 6,933.3                        |                            |
| 11/01/2022 | 6,933.3                        |                            |
| 01/01/2023 | 6,933.3                        |                            |
| 03/01/2023 | 6,933.3                        |                            |
| 05/01/2023 | 6,933.3                        |                            |
| 07/01/2023 | 6,933.3                        |                            |
| 09/01/2023 | 6,933.3                        |                            |
| 11/01/2023 | 6,933.3                        |                            |
| 01/01/2024 | 6,933.3                        |                            |
| 03/01/2024 | 6,933.3                        |                            |
| 05/01/2024 | 6,933.3                        |                            |
| 07/01/2024 | 6,933.3                        |                            |
| 09/01/2024 | 6,933.3                        |                            |
| 11/01/2024 | 6,933.3                        |                            |
| 01/01/2025 | 6,933.3                        |                            |
| 03/01/2025 | 6,933.3                        |                            |
| 05/01/2025 | 6,933.3                        |                            |
| 07/01/2025 | 6,933.3                        |                            |
| 09/01/2025 | 6,933.3                        |                            |
| 11/01/2025 | 6,933.3                        |                            |
| 01/01/2026 | 6,933.3                        |                            |
| 03/01/2026 | 6,933.3                        |                            |
| 05/01/2026 | 6,933.3                        |                            |
| 07/01/2026 | 6,933.3                        |                            |
| 09/01/2026 | 6,933.3                        |                            |
| 11/01/2026 | 6,933.3                        |                            |
| 01/01/2027 | 6,933.3                        |                            |
| 03/01/2027 | 6,933.3                        |                            |
| 05/01/2027 | 6,933.3                        |                            |
| 07/01/2027 | 6,933.3                        |                            |
| 09/01/2027 | 6,933.3                        |                            |
| 11/01/2027 | 6,933.3                        |                            |
| 01/01/2028 | 6,933.3                        |                            |
| 03/01/2028 | 6,933.3                        |                            |
| 05/01/2028 | 6,933.3                        |                            |
| 07/01/2028 | 6,933.3                        |                            |
| 09/01/2028 | 6,933.3                        |                            |
| 11/01/2028 | 6,933.3                        |                            |
| 01/01/2029 | 6,933.3                        |                            |
| 03/01/2029 | 6,933.3                        |                            |
| 05/01/2029 | 6,933.3                        |                            |
| 07/01/2029 | 6,933.3                        |                            |
| 0          |                                |                            |

29 of 101

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# APPENDIX B-2B. MKTF-17R HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER



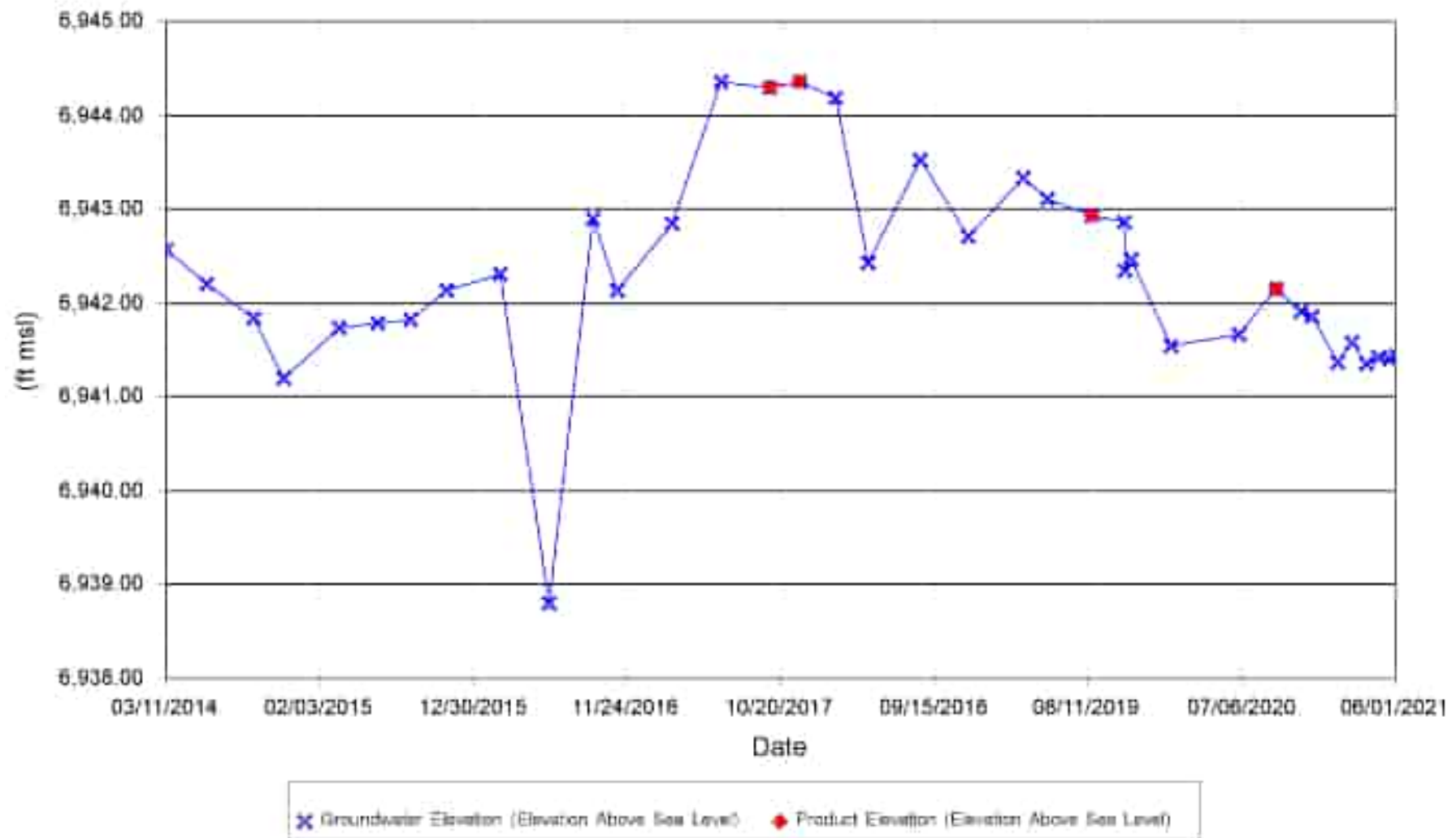
## Notes:

SPH - Separate Phase Hydrocarbon

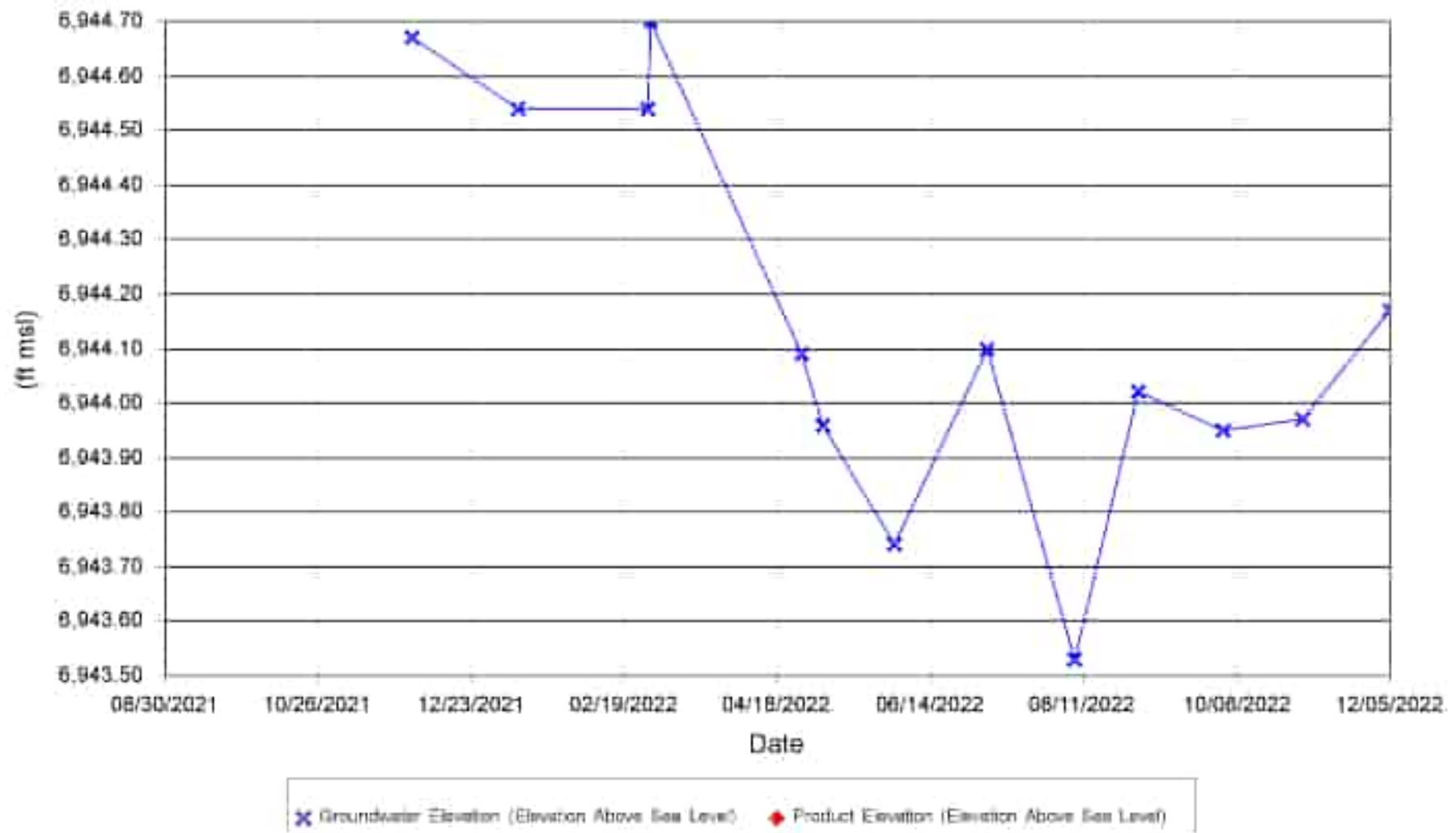
ft msl - feet above mean sea level

A graph with missing or no data points indicates that the well was dry during that(those) period(s)

# APPENDIX B-2B. MKTF-18 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER

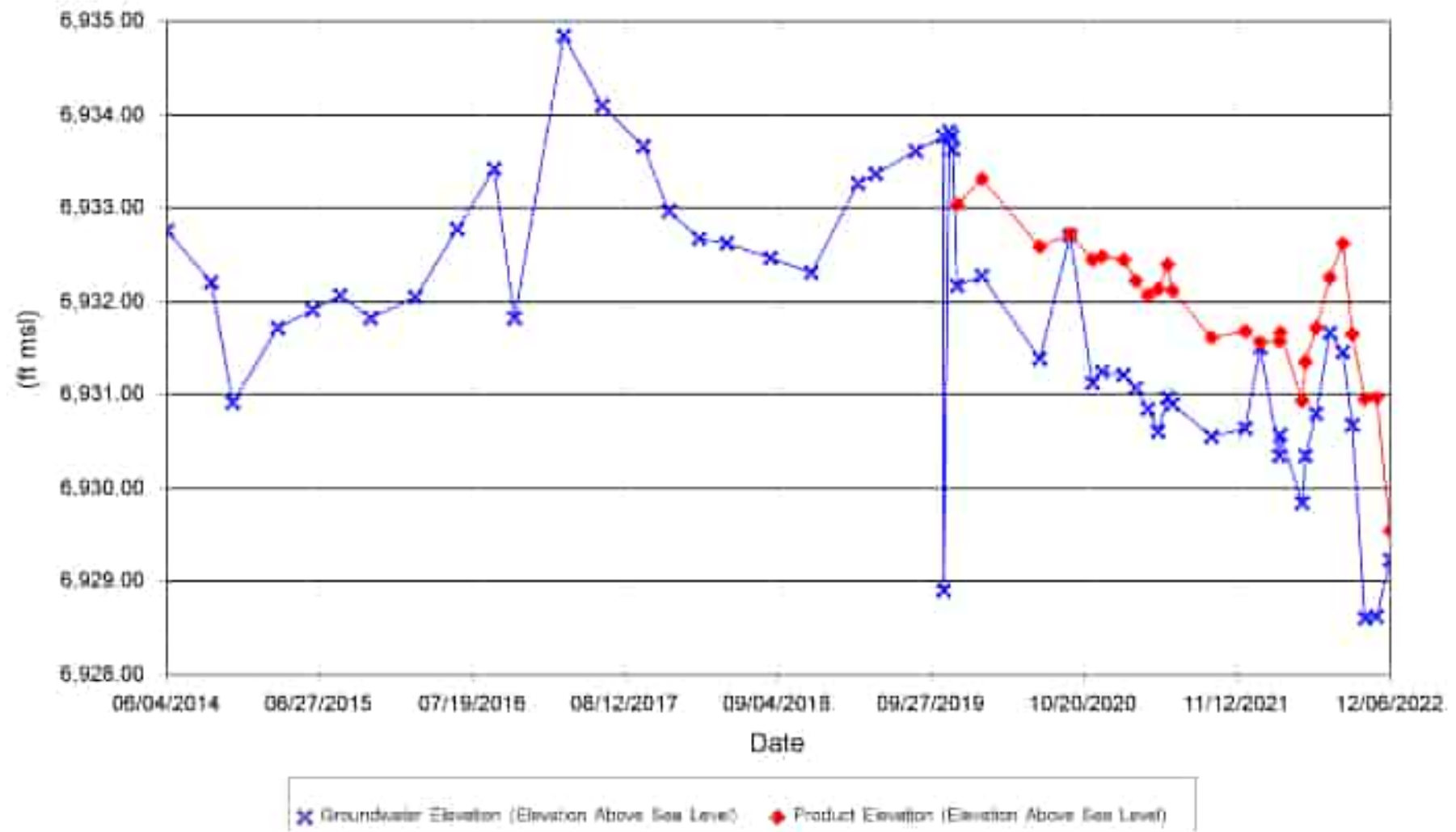


Notes:  
 SPH - Separate Phase Hydrocarbon  
 ft msl - feet above mean sea level  
 A graph with missing or no data points indicates that the well was dry during that(those) period(s)

**APPENDIX B-2B. MKTF-18R HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
CHINLE/ALLUVIUM AQUIFER**

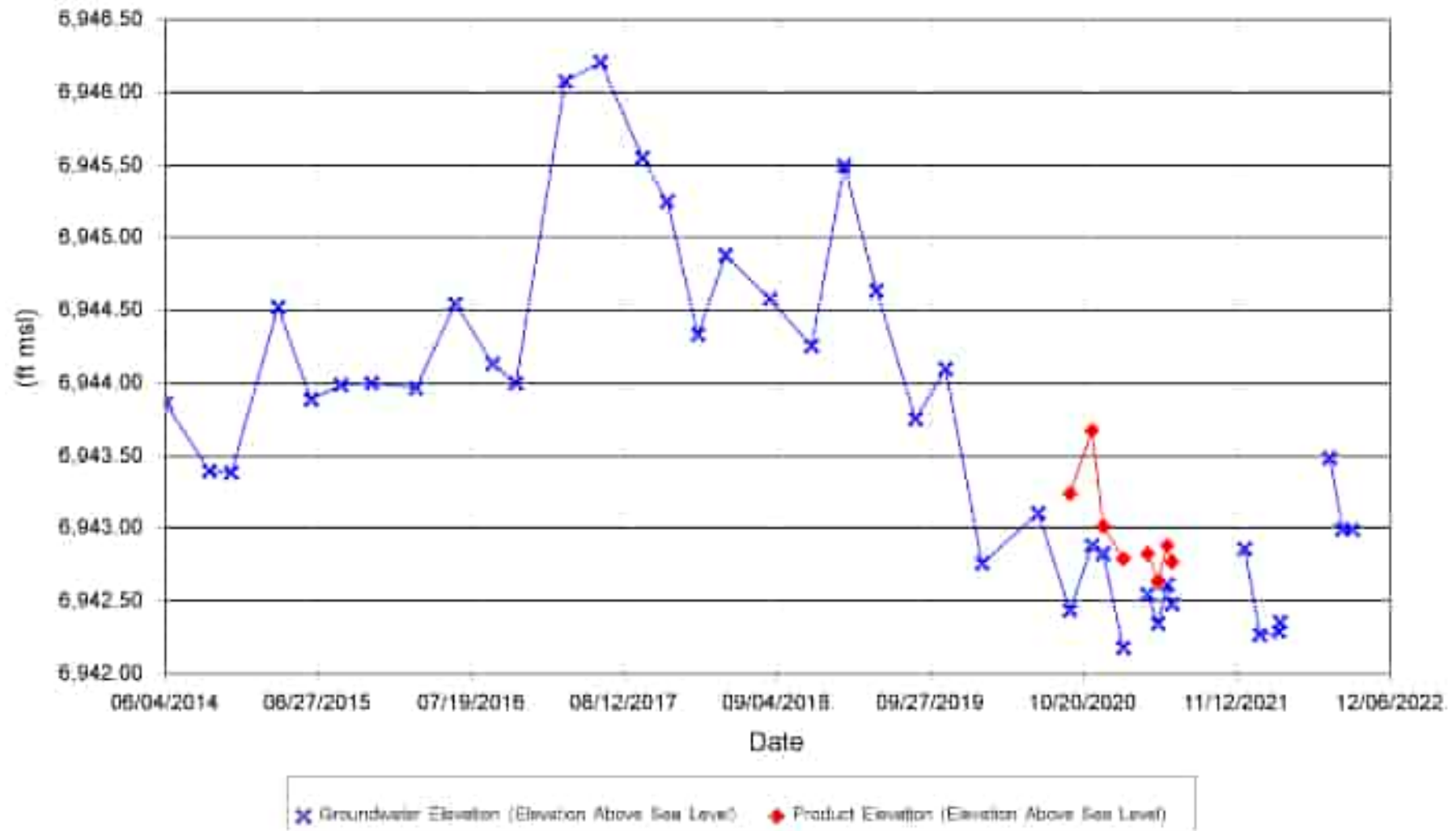
Notes:  
SPH - Separate Phase Hydrocarbon  
ft msl - feet above mean sea level  
A graph with missing or no data points indicates that the well was dry during that(those) period(s)

# APPENDIX B-2B. MKTF-19 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER



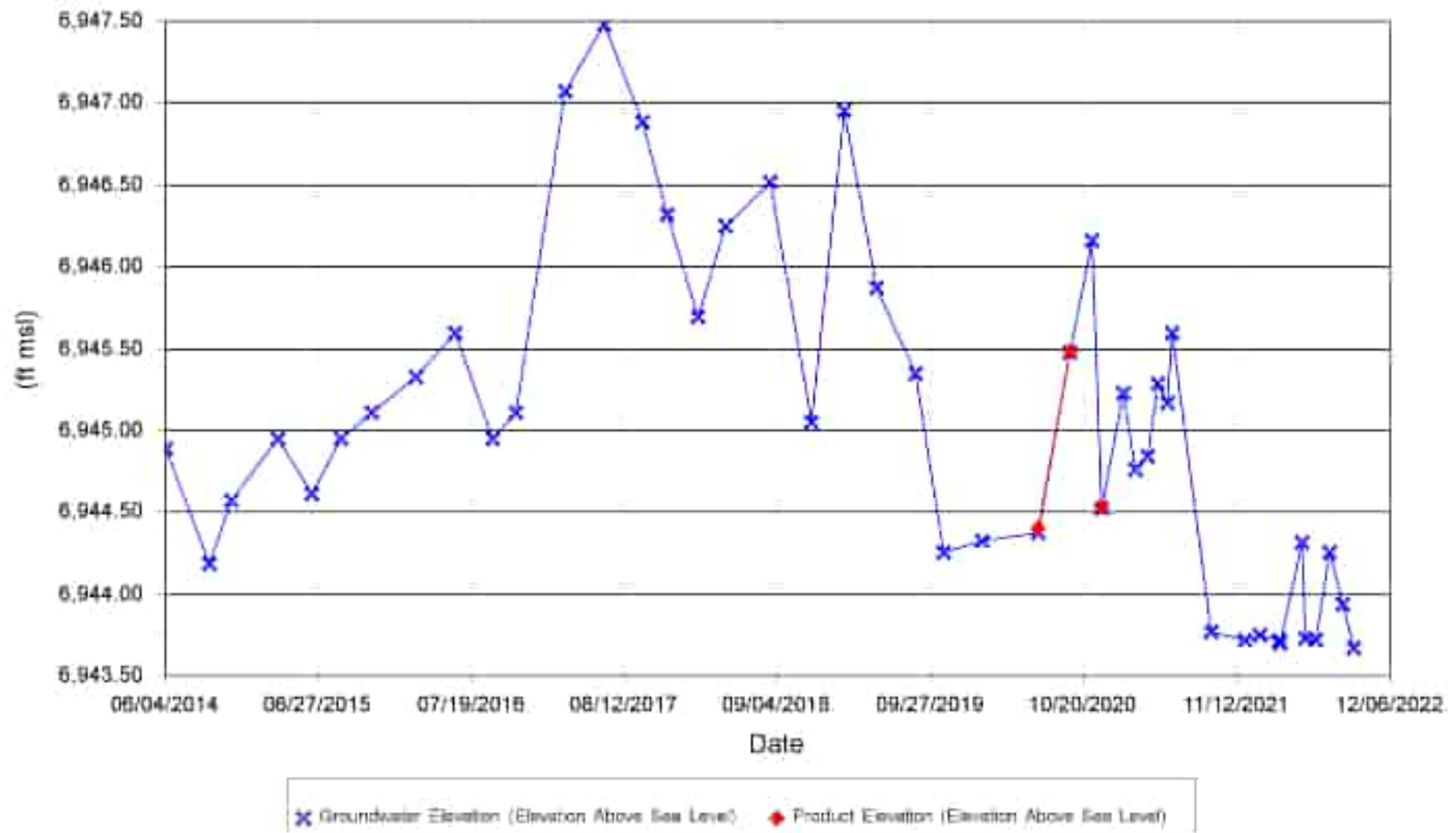
Notes:  
 SPH - Separate Phase Hydrocarbon  
 ft msl - feet above mean sea level  
 A graph with missing or no data points indicates that the well was dry during that(those) period(s)

# APPENDIX B-2B. MKTF-20 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER

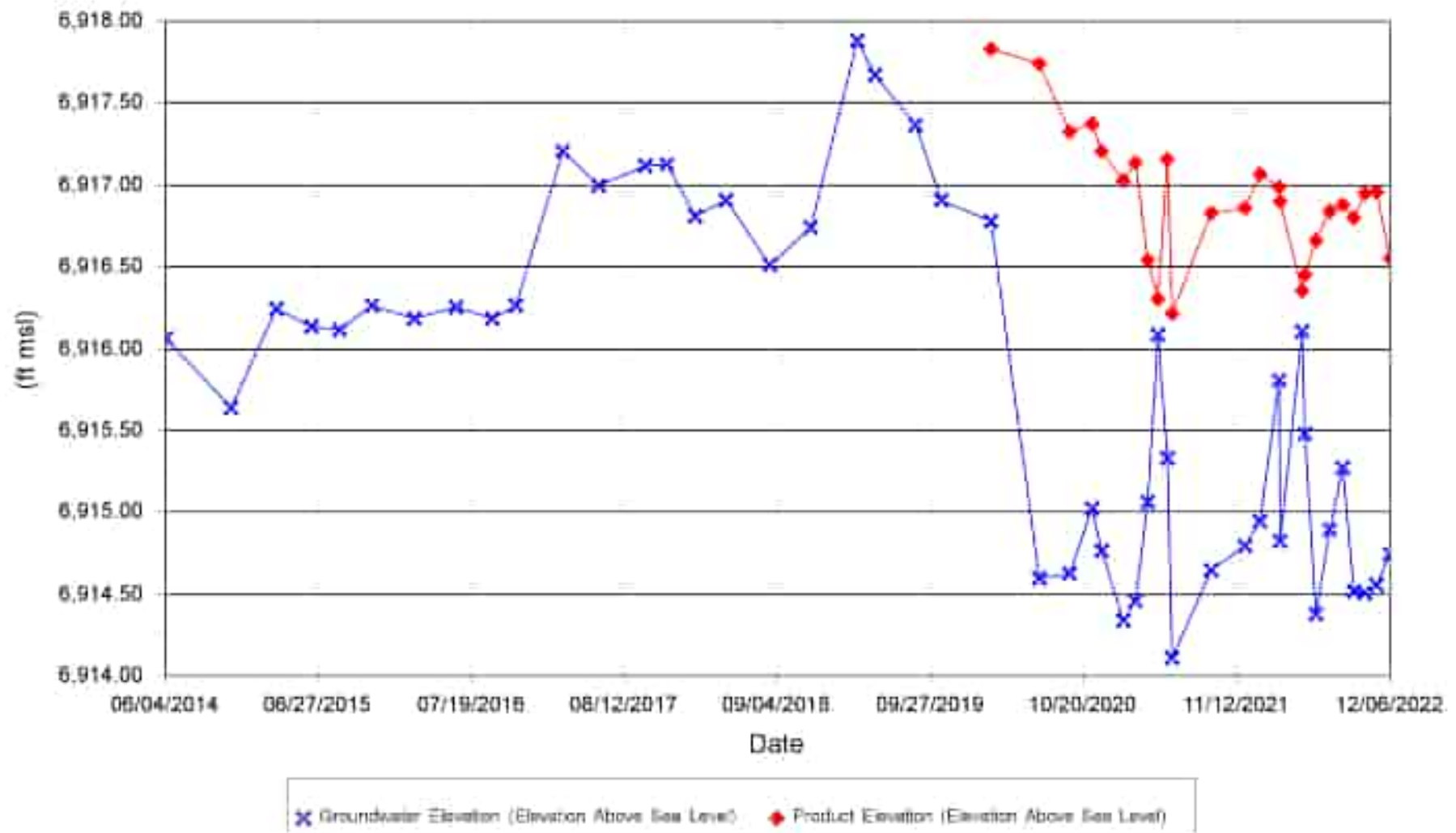




# APPENDIX B-2B. MKTF-21 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER

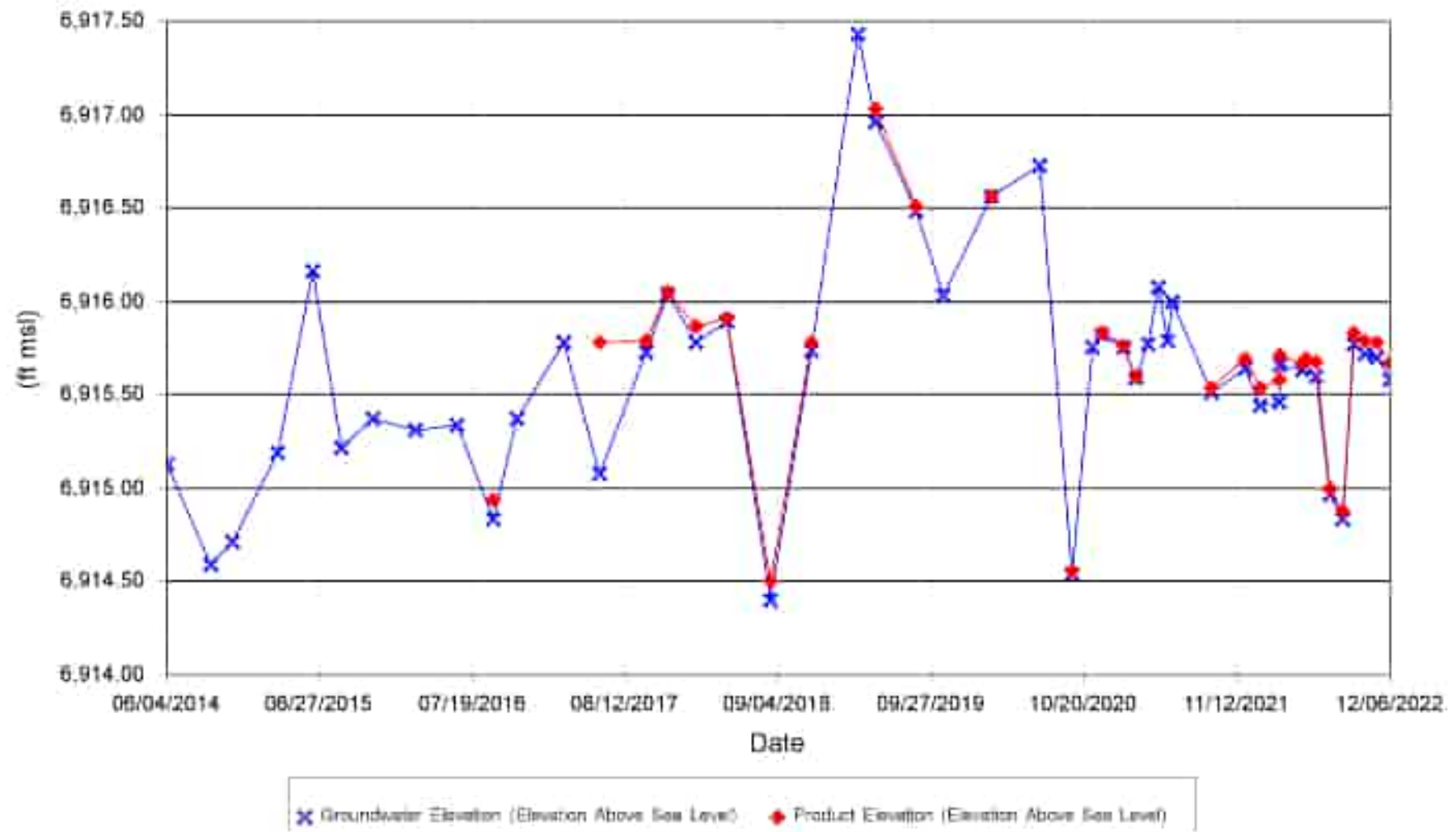


# APPENDIX B-2B. MKTF-22 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER



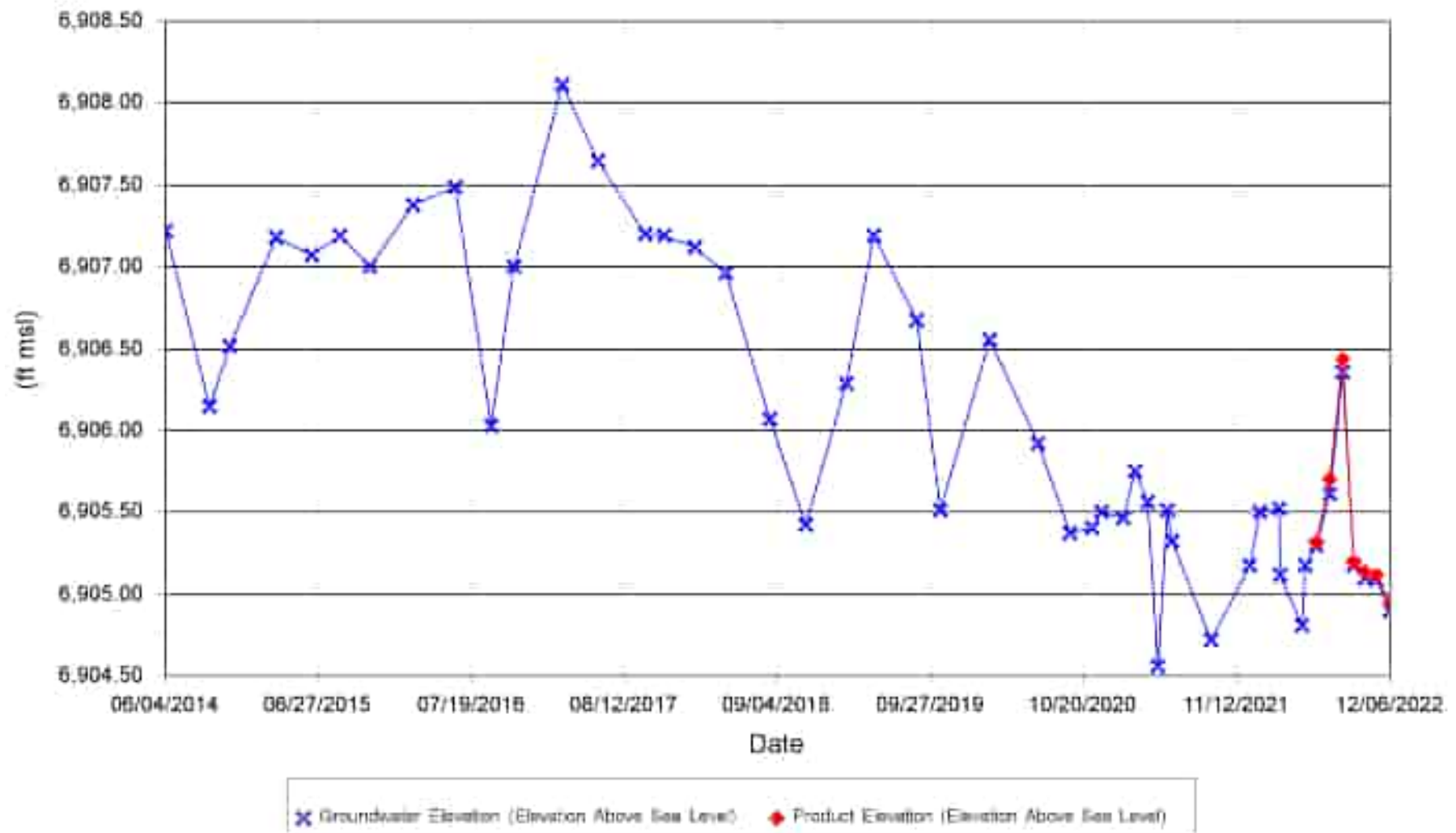
Notes:  
 SPH - Separate Phase Hydrocarbon  
 ft msl - feet above mean sea level  
 A graph with missing or no data points indicates that the well was dry during that(those) period(s)

# APPENDIX B-2B. MKTF-23 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER

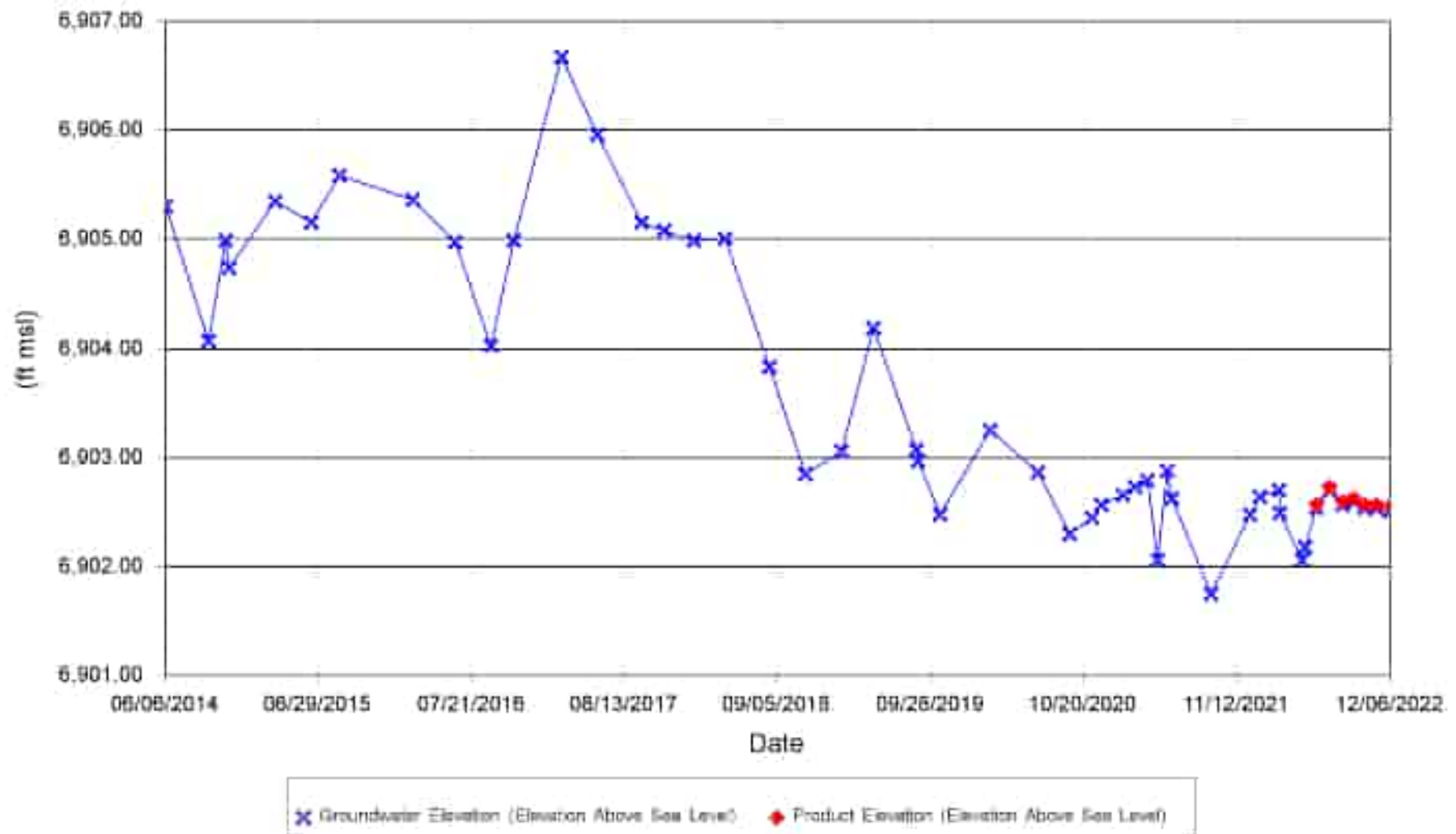


Notes:  
 SPH - Separate Phase Hydrocarbon  
 ft msl - feet above mean sea level  
 A graph with missing or no data points indicates that the well was dry during that(those) period(s)

# APPENDIX B-2B. MKTF-24 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER

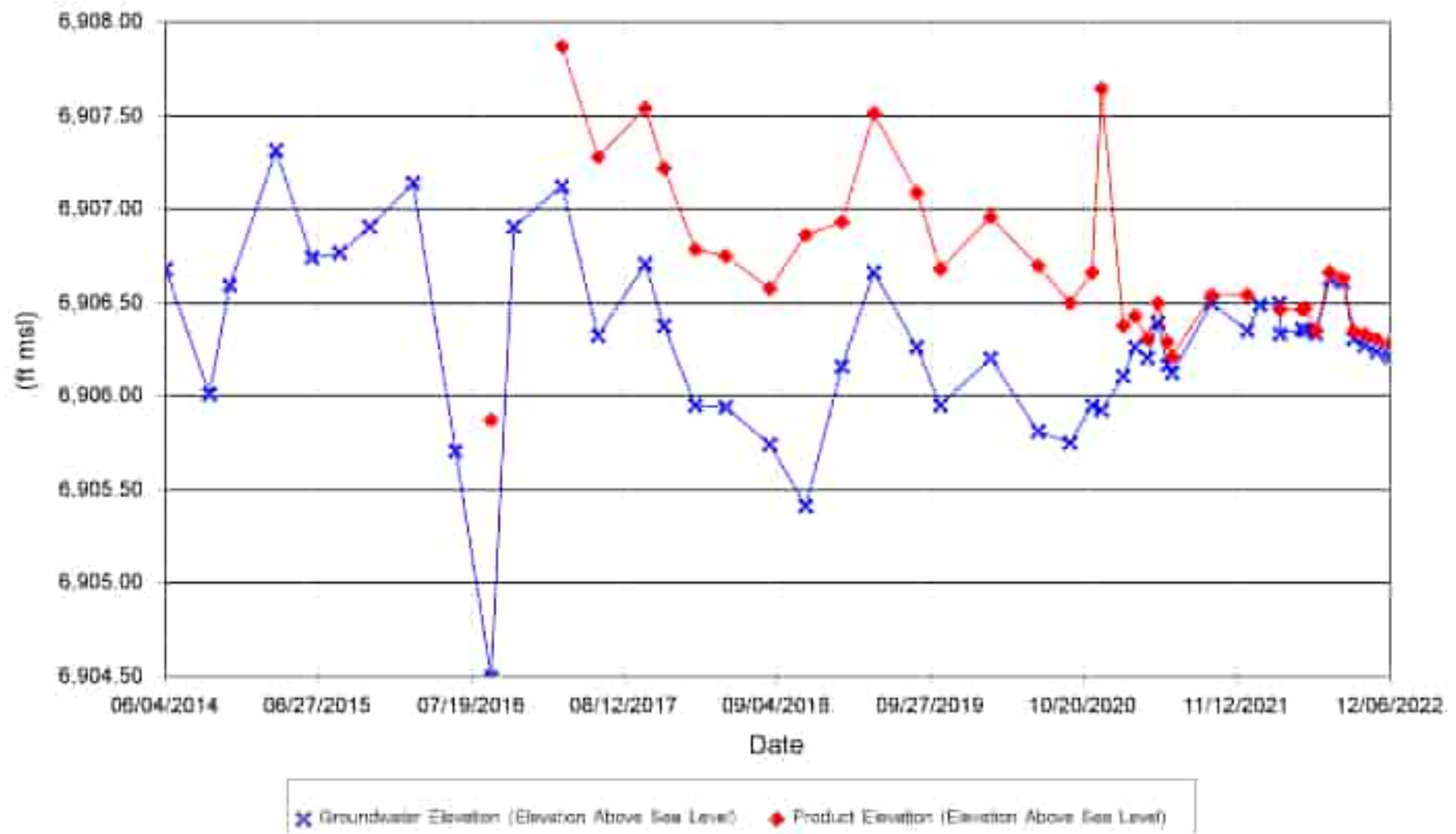


# APPENDIX B-2B. MKTF-25 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER



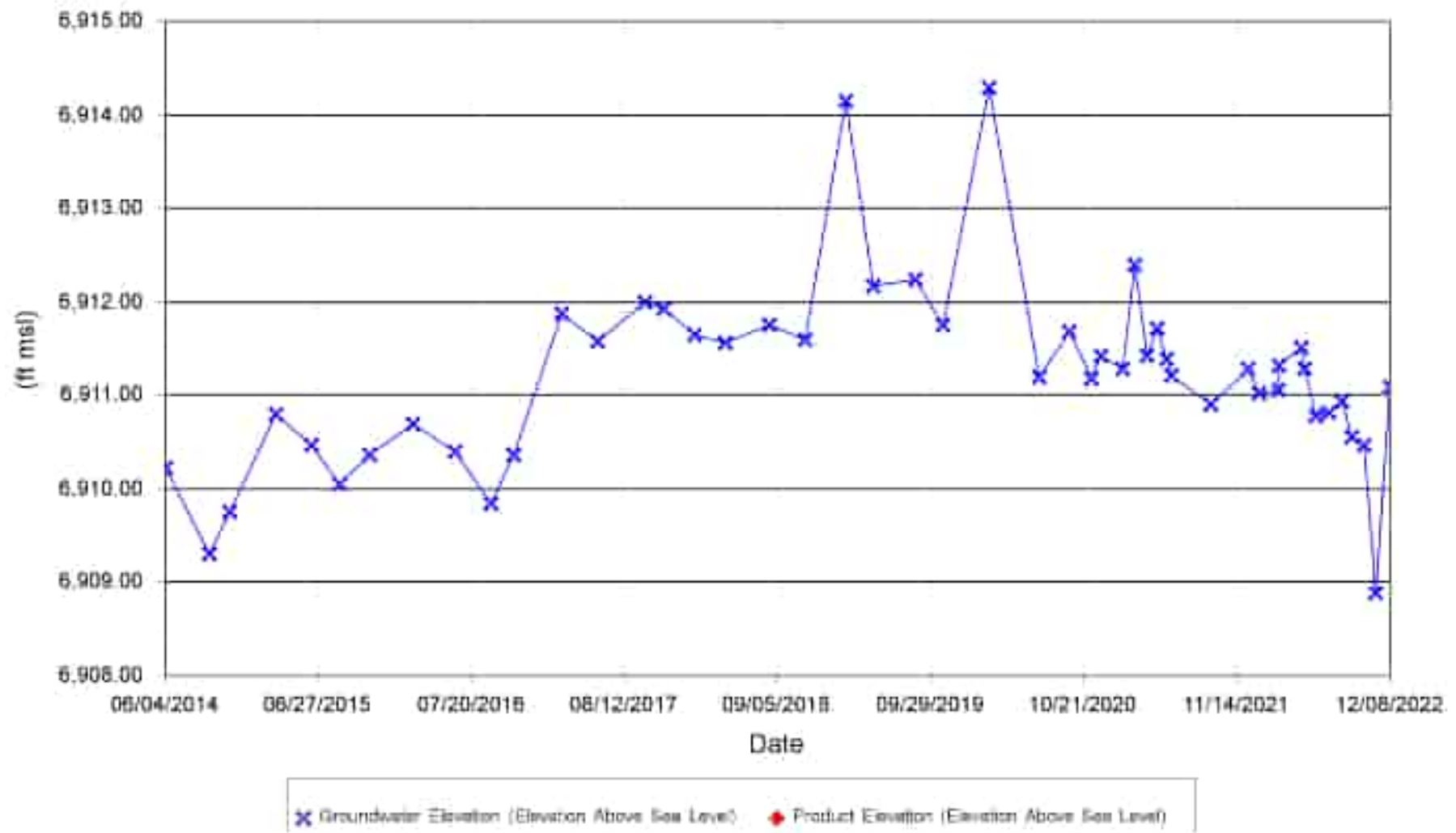


# APPENDIX B-2B. MKTF-26 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER



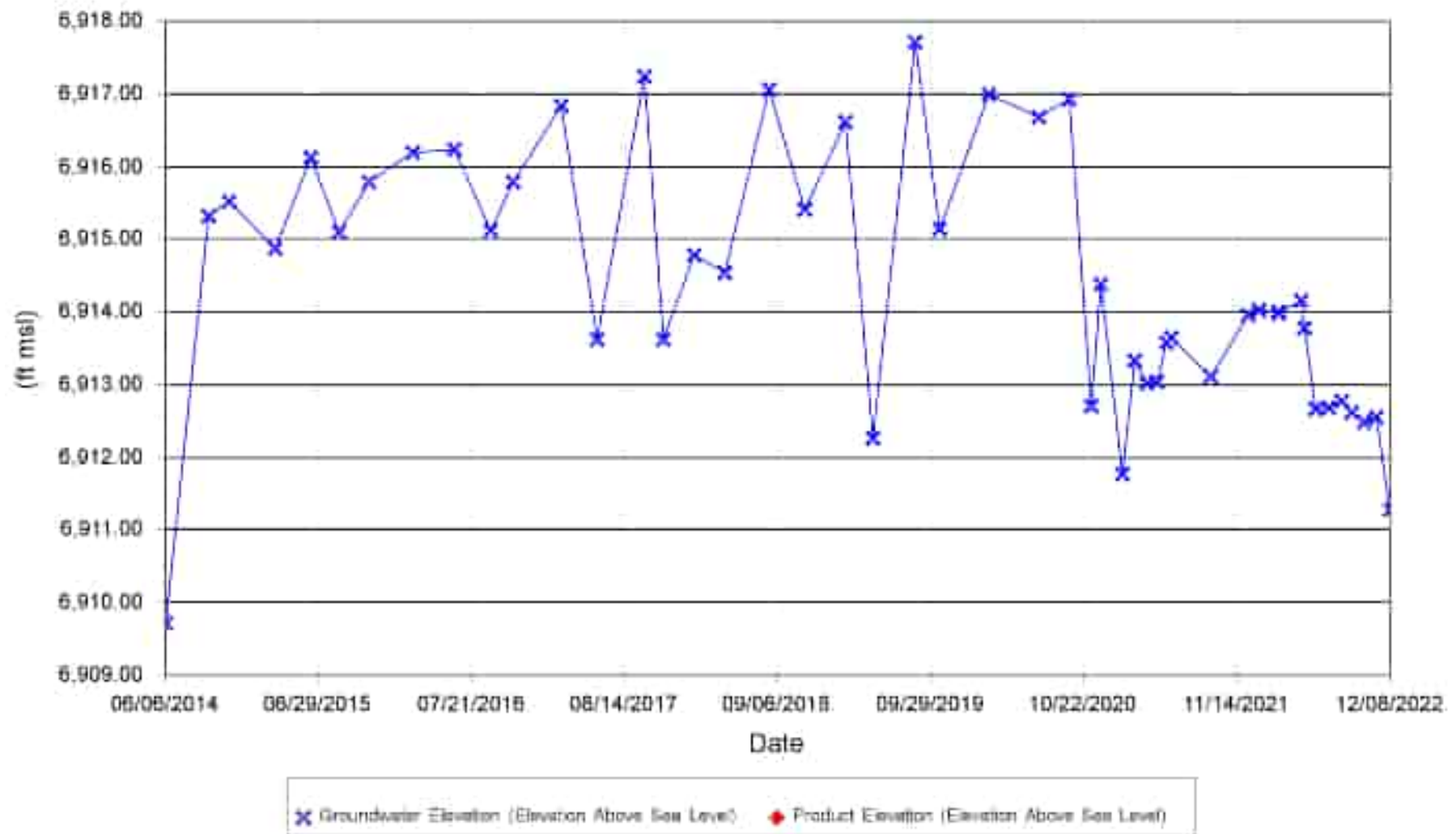
Notes:  
 SPH - Separate Phase Hydrocarbon  
 ft msl - feet above mean sea level  
 A graph with missing or no data points indicates that the well was dry during that(those) period(s)

# APPENDIX B-2B. MKTF-27 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER

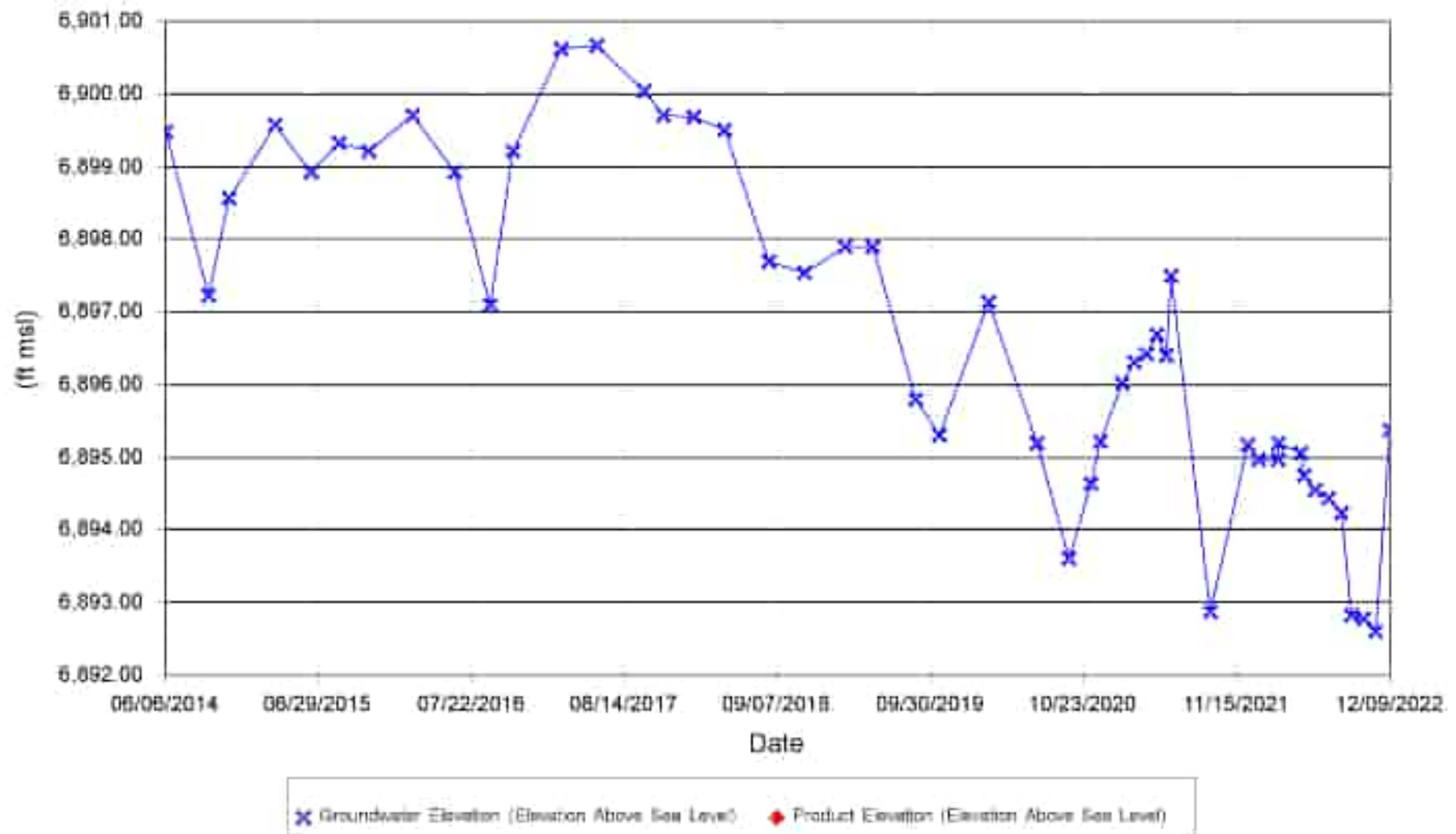


Notes:  
 SPH - Separate Phase Hydrocarbon  
 ft msl - feet above mean sea level  
 A graph with missing or no data points indicates that the well was dry during that(those) period(s)

# APPENDIX B-2B. MKTF-28 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER



Notes:  
 SPH - Separate Phase Hydrocarbon  
 ft msl - feet above mean sea level  
 A graph with missing or no data points indicates that the well was dry during that(those) period(s)

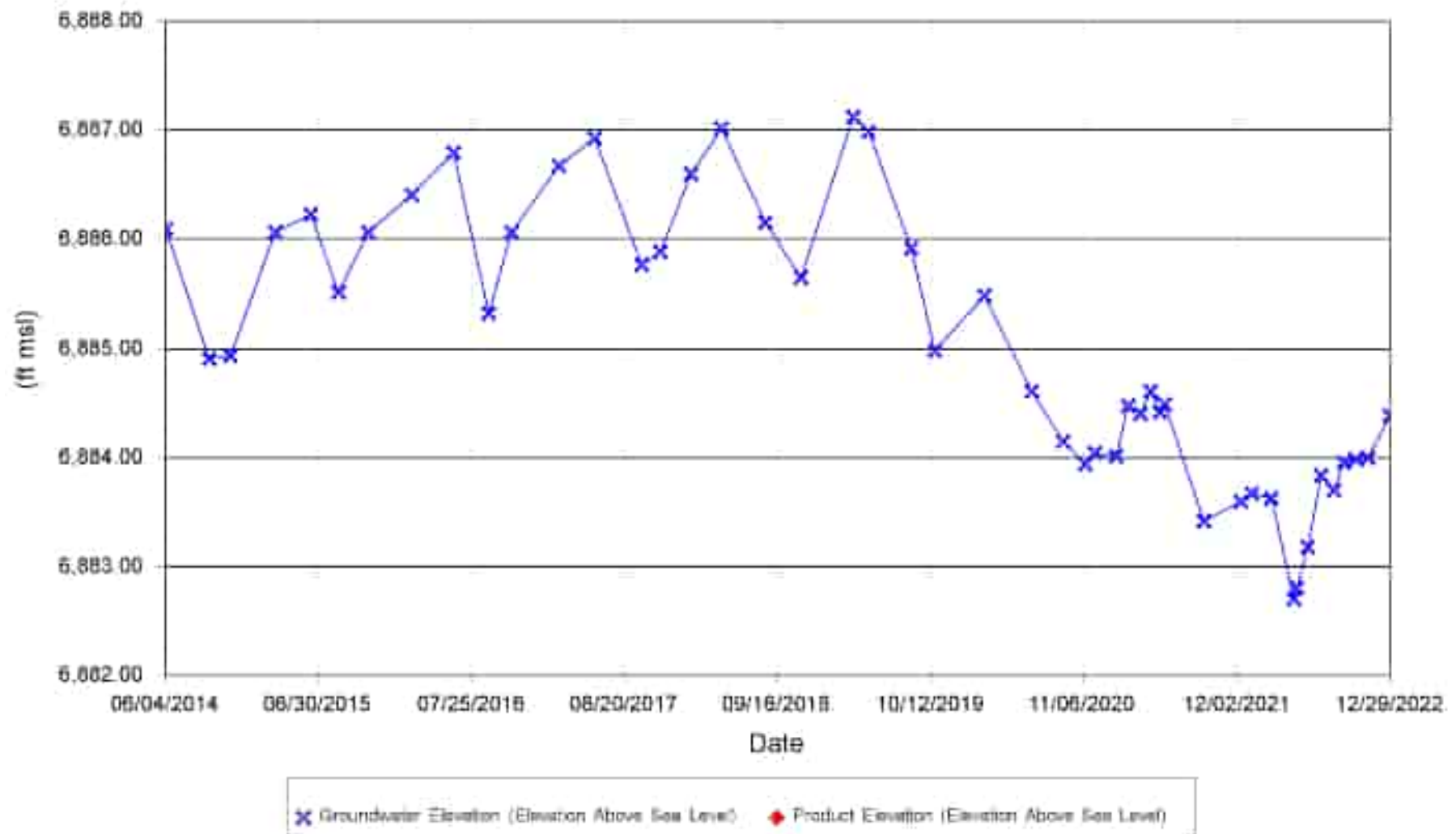
**APPENDIX B-2B. MKTF-29 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
CHINLE/ALLUVIUM AQUIFER****Notes:**

SPH - Separate Phase Hydrocarbon

ft msl - feet above mean sea level

A graph with missing or no data points indicates that the well was dry during that(those) period(s)

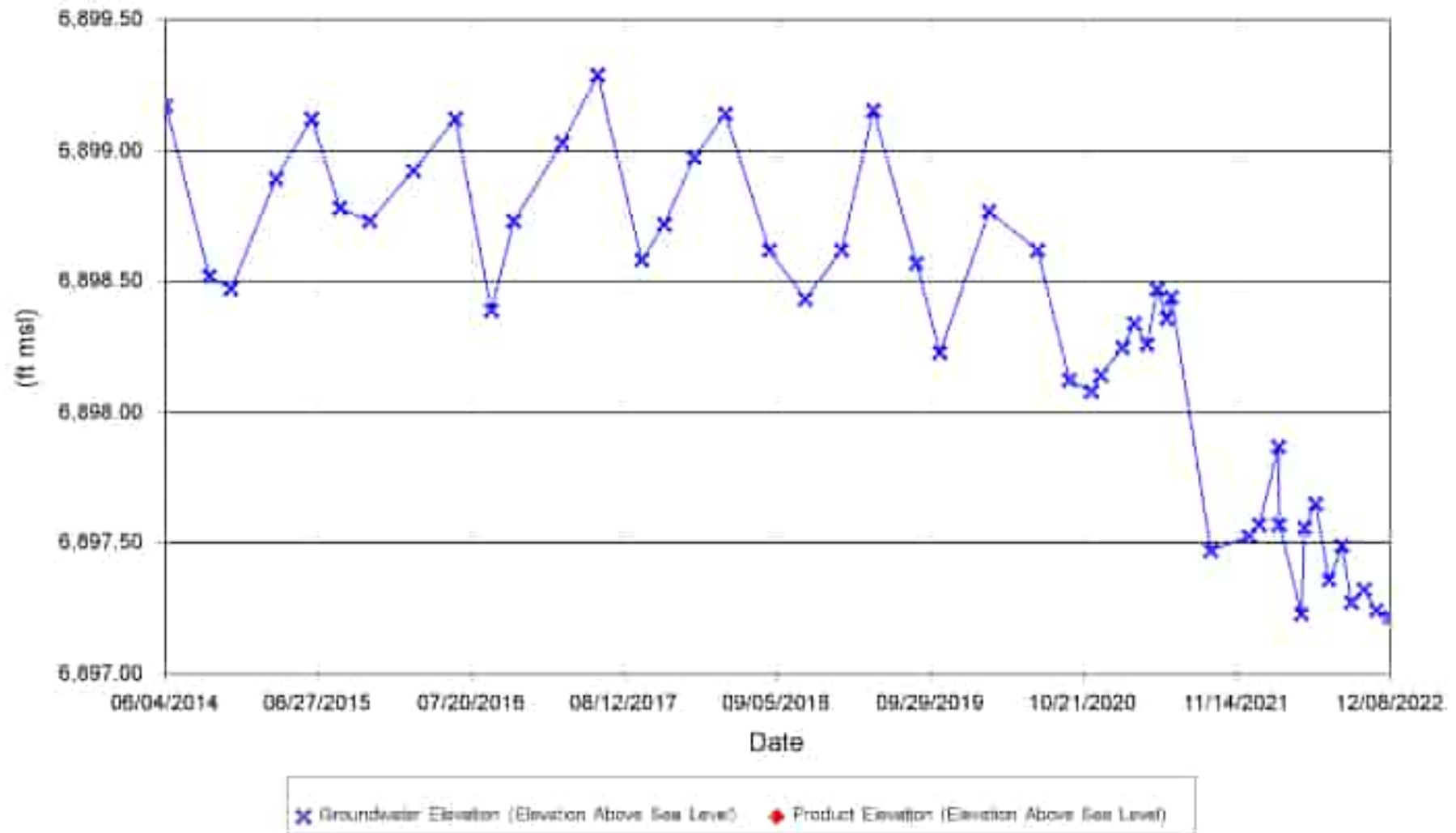
# APPENDIX B-2B. MKTF-30 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER



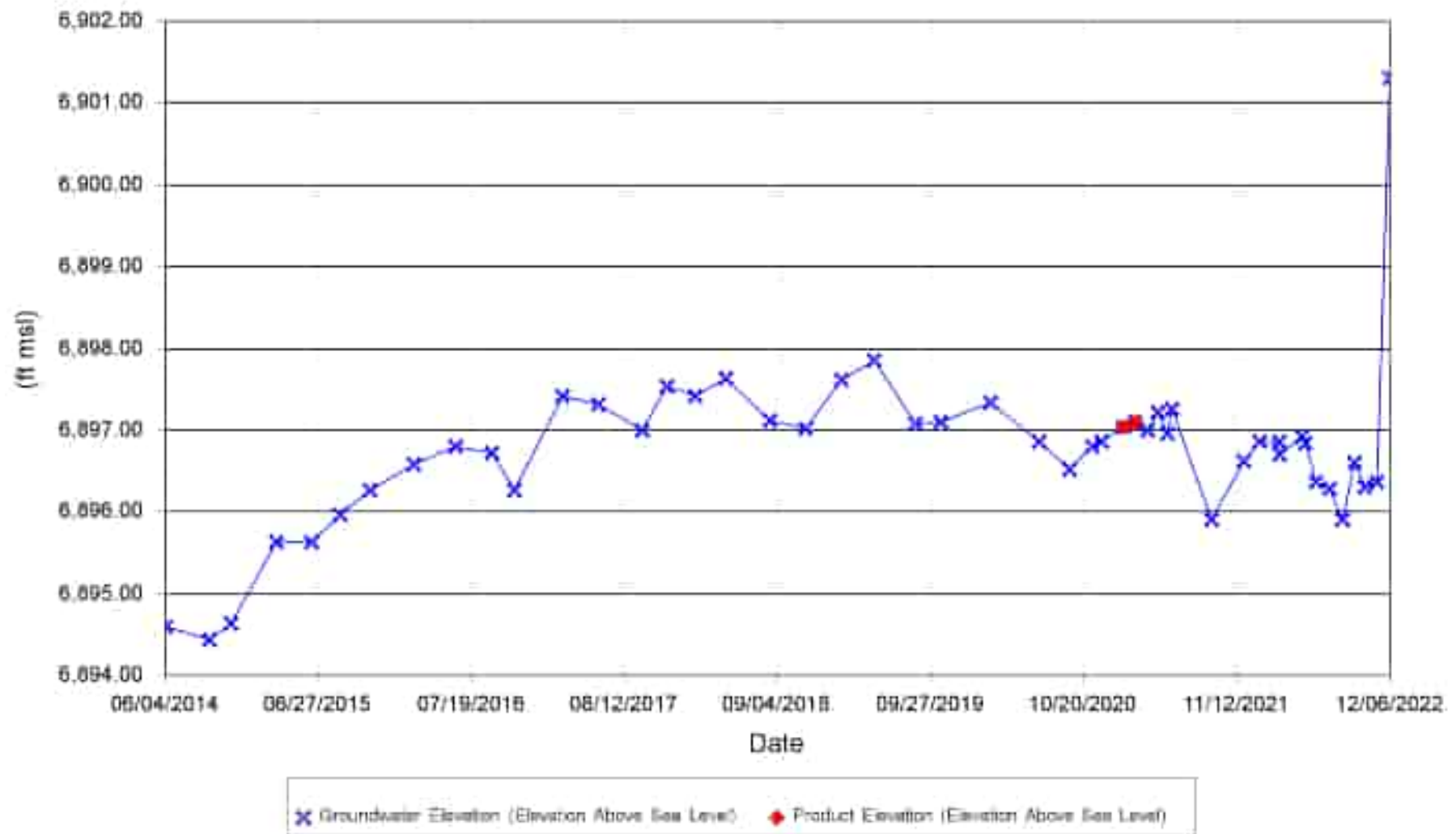
Notes:  
 SPH - Separate Phase Hydrocarbon  
 ft msl - feet above mean sea level  
 A graph with missing or no data points indicates that the well was dry during that(those) period(s)

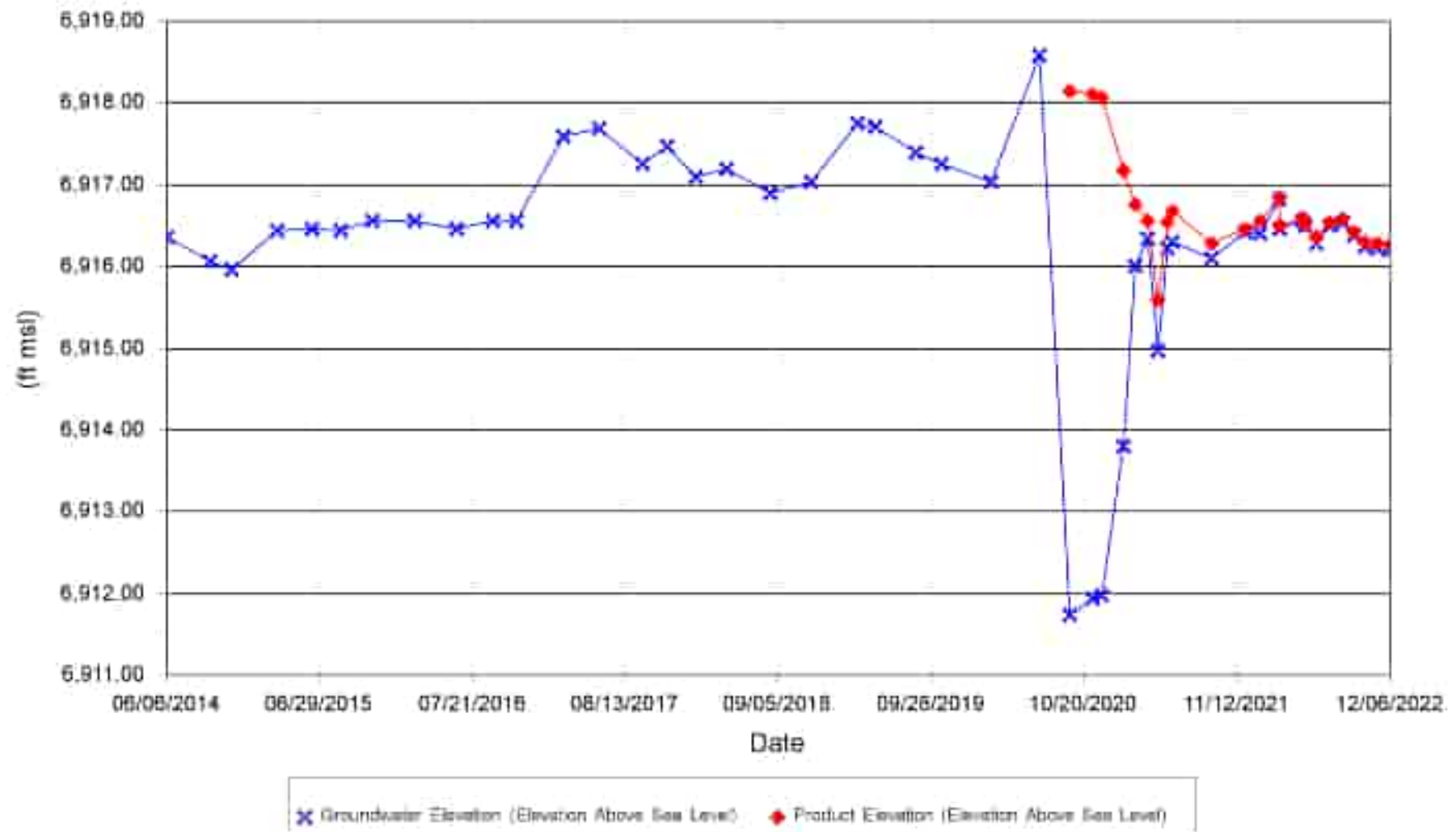


# APPENDIX B-2B. MKTF-31 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER



# APPENDIX B-2B. MKTF-32 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER

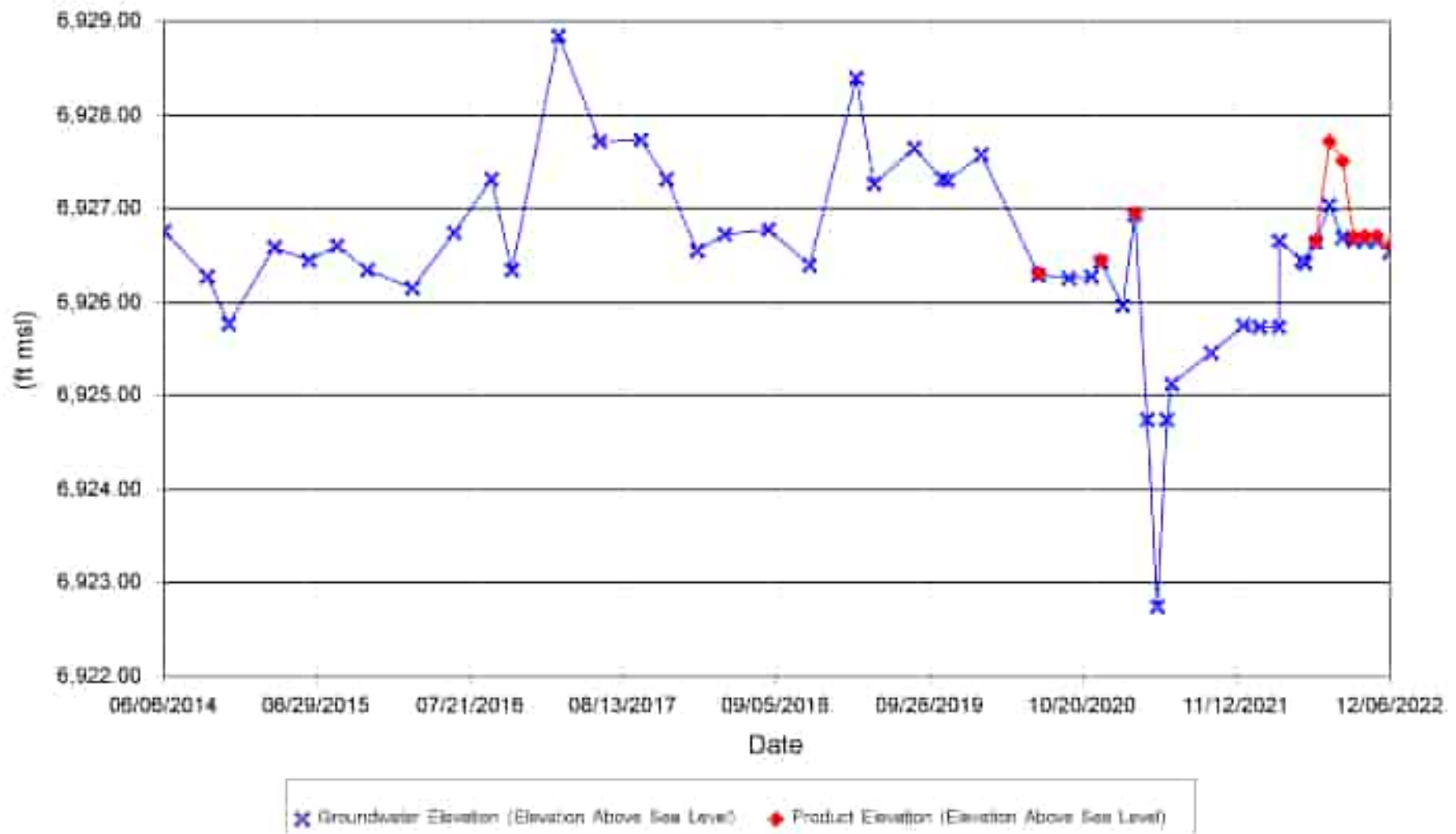


**APPENDIX B-2B. MKTF-33 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
CHINLE/ALLUVIUM AQUIFER****Notes:**

SPH - Separate Phase Hydrocarbon

ft msl - feet above mean sea level

A graph with missing or no data points indicates that the well was dry during that(those) period(s)

**APPENDIX B-2B. MKTF-34 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
CHINLE/ALLUVIUM AQUIFER**

Notes:  
SPH - Separate Phase Hydrocarbon  
ft msl - feet above mean sea level  
A graph with missing or no data points indicates that the well was dry during that(those) period(s)

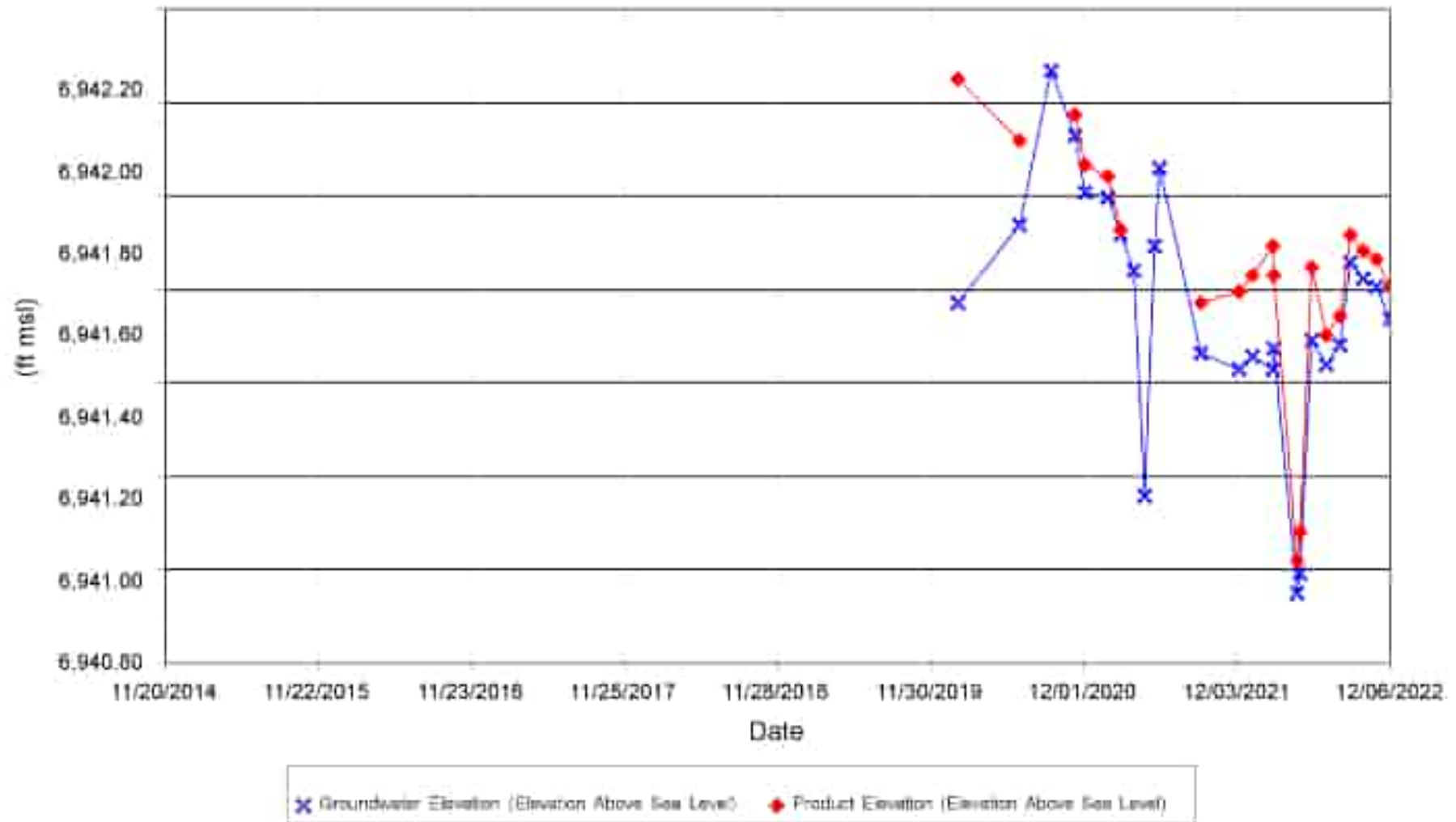
The graph displays two data series over time. The Y-axis represents elevation in feet above sea level, ranging from 6,939.00 to 6,946.00. The X-axis represents the date from 11/20/2014 to 12/06/2022. The 'Groundwater Elevation' series (blue line with 'x' markers) shows significant fluctuations, peaking at approximately 6,945.5 feet in late 2016 and dropping to a low of about 6,939.5 feet in early 2022. The 'Product Elevation' series (red line with diamond markers) is only visible from late 2020 to mid-2022, showing a relatively stable elevation around 6,941.5 to 6,941.8 feet.

| Date       | Groundwater Elevation (ft msl) | Product Elevation (ft msl) |
|------------|--------------------------------|----------------------------|
| 11/20/2014 | 6,942.00                       |                            |
| 11/22/2015 | 6,942.70                       |                            |
| 11/23/2016 | 6,945.50                       |                            |
| 11/25/2017 | 6,943.50                       |                            |
| 11/28/2018 | 6,942.50                       |                            |
| 11/30/2019 | 6,943.20                       |                            |
| 12/01/2020 | 6,942.60                       | 6,942.60                   |
| 12/03/2021 | 6,941.50                       |                            |
| 12/04/2021 | 6,941.20                       |                            |
| 12/05/2021 | 6,939.50                       |                            |
| 12/06/2022 | 6,941.60                       | 6,941.60                   |

49 of 101

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**APPENDIX B-2B. MKTF-36 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
CHINLE/ALLUVIUM AQUIFER**

# APPENDIX B-2B. MKTF-37 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER



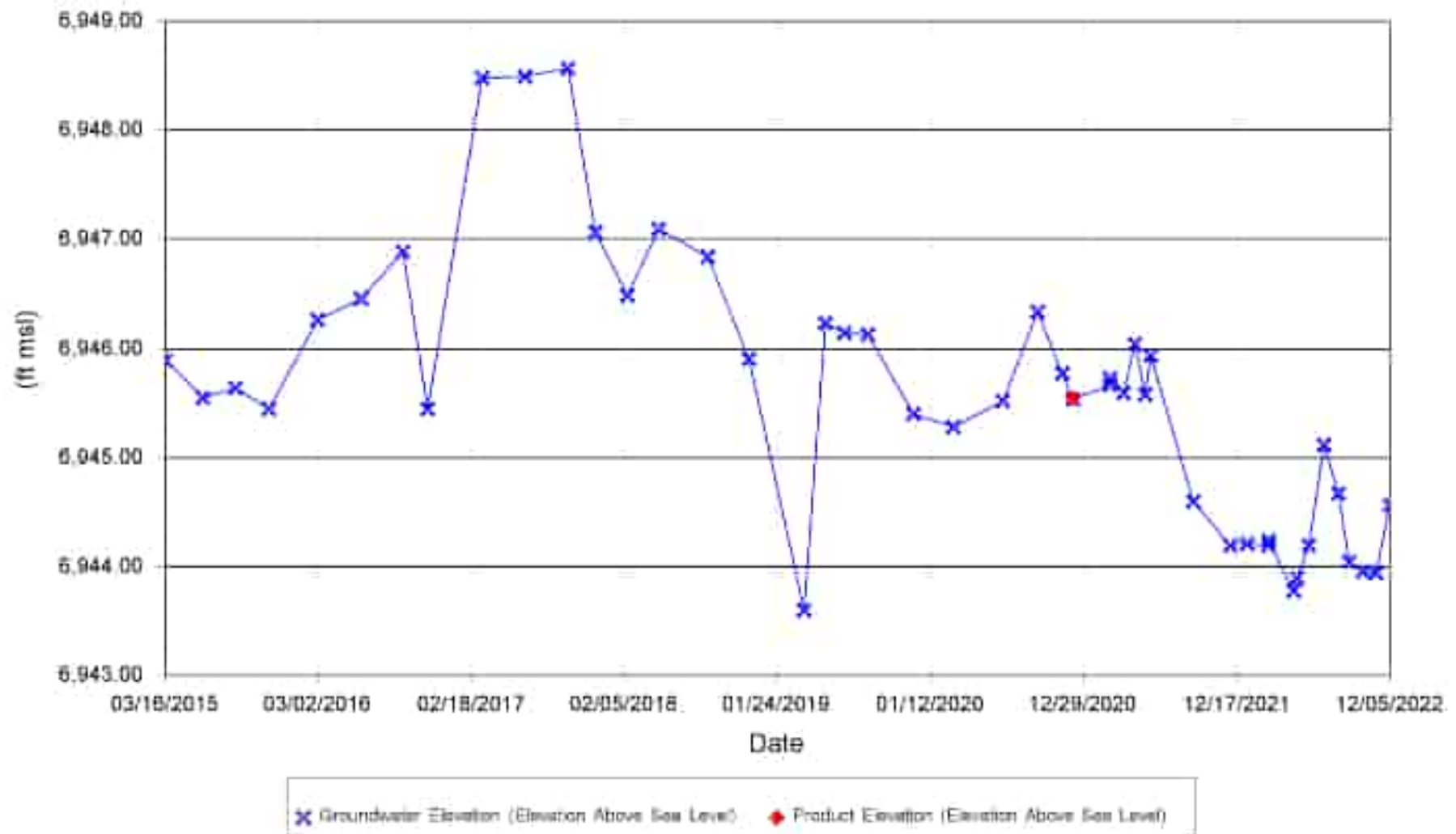
## Notes:

SPH - Separate Phase Hydrocarbon

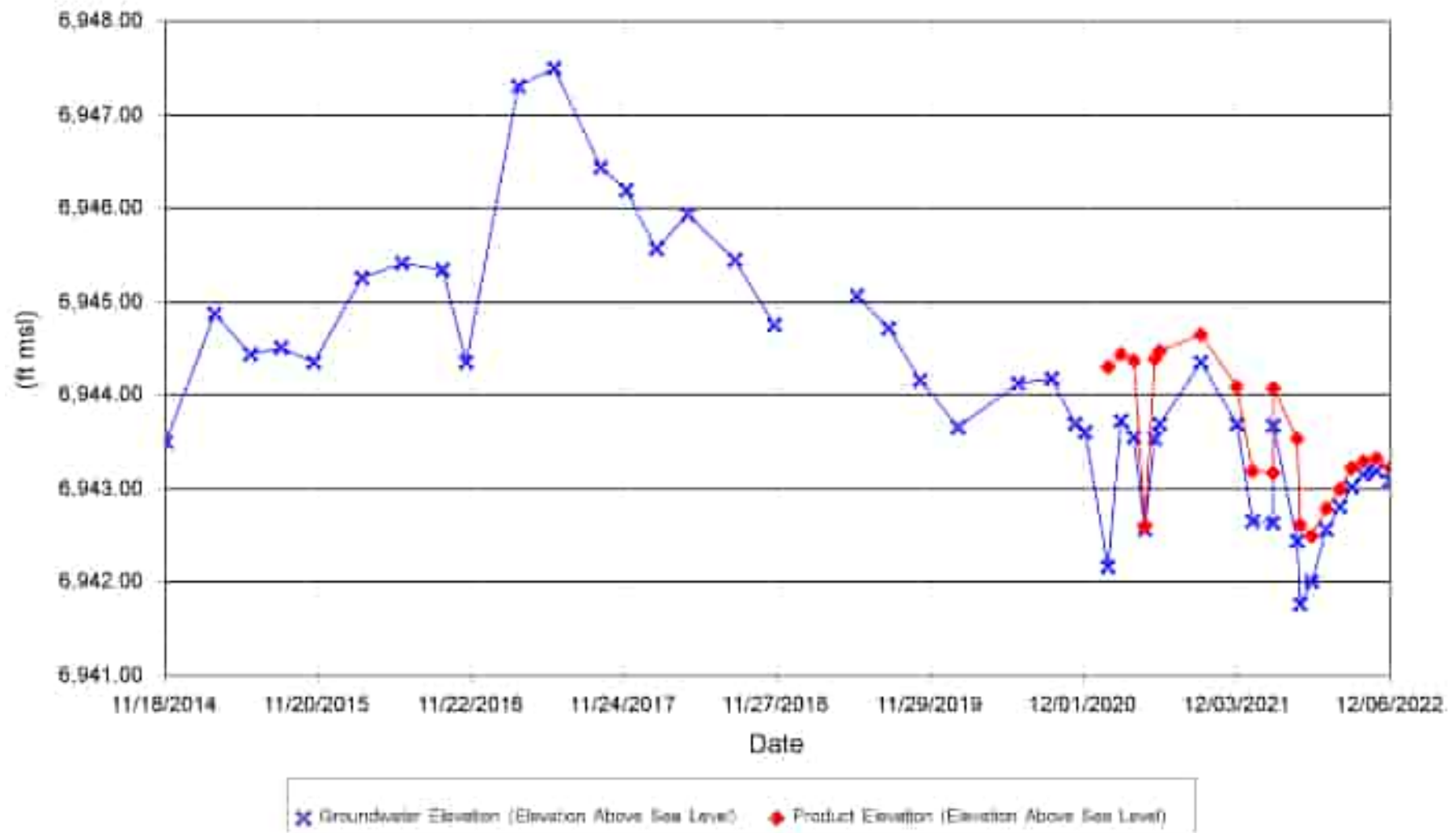
ft msl - feet above mean sea level

A graph with missing or no data points indicates that the well was dry during that(those) period(s)

# APPENDIX B-2B. MKTF-38 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER



# APPENDIX B-2B. MKTF-39 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER



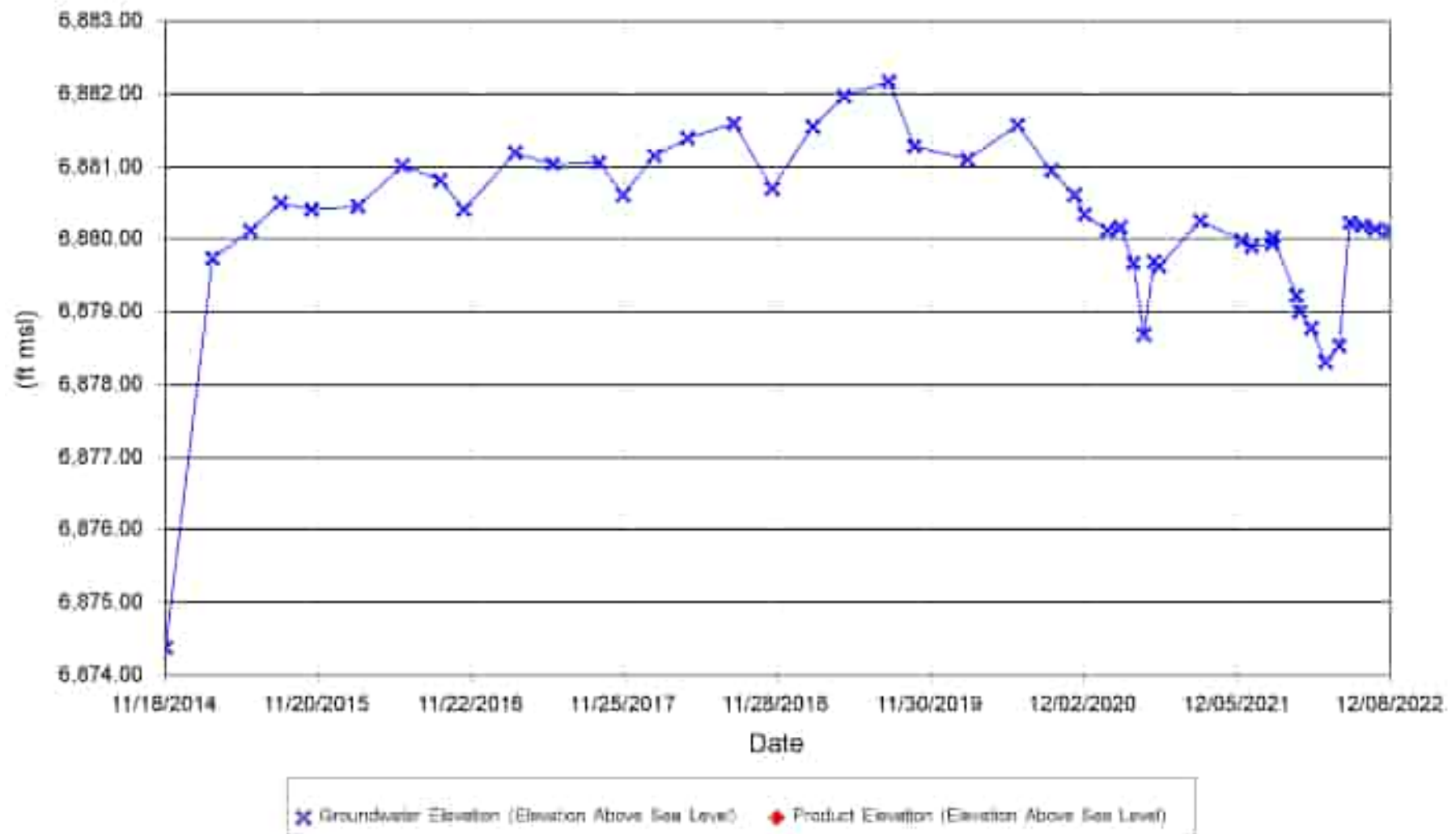
## Notes:

SPH - Separate Phase Hydrocarbon

ft msl - feet above mean sea level

A graph with missing or no data points indicates that the well was dry during that(those) period(s)

# APPENDIX B-2B. MKTF-40 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER



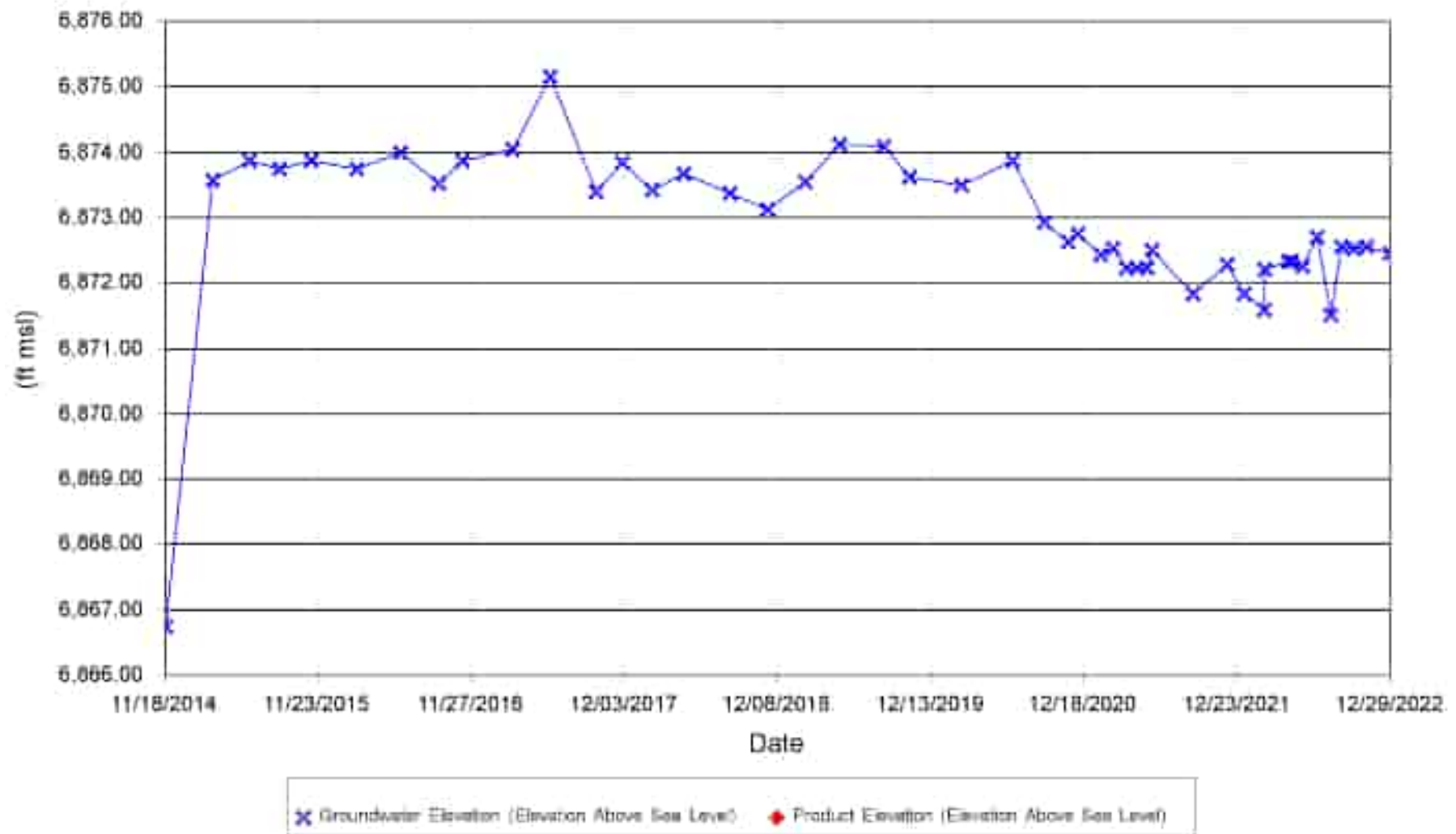
## Notes:

SPH - Separate Phase Hydrocarbon

ft msl - feet above mean sea level

A graph with missing or no data points indicates that the well was dry during that(those) period(s)



**APPENDIX B-2B. MKTF-41 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
CHINLE/ALLUVIUM AQUIFER****Notes:**

SPH - Separate Phase Hydrocarbon

ft msl - feet above mean sea level

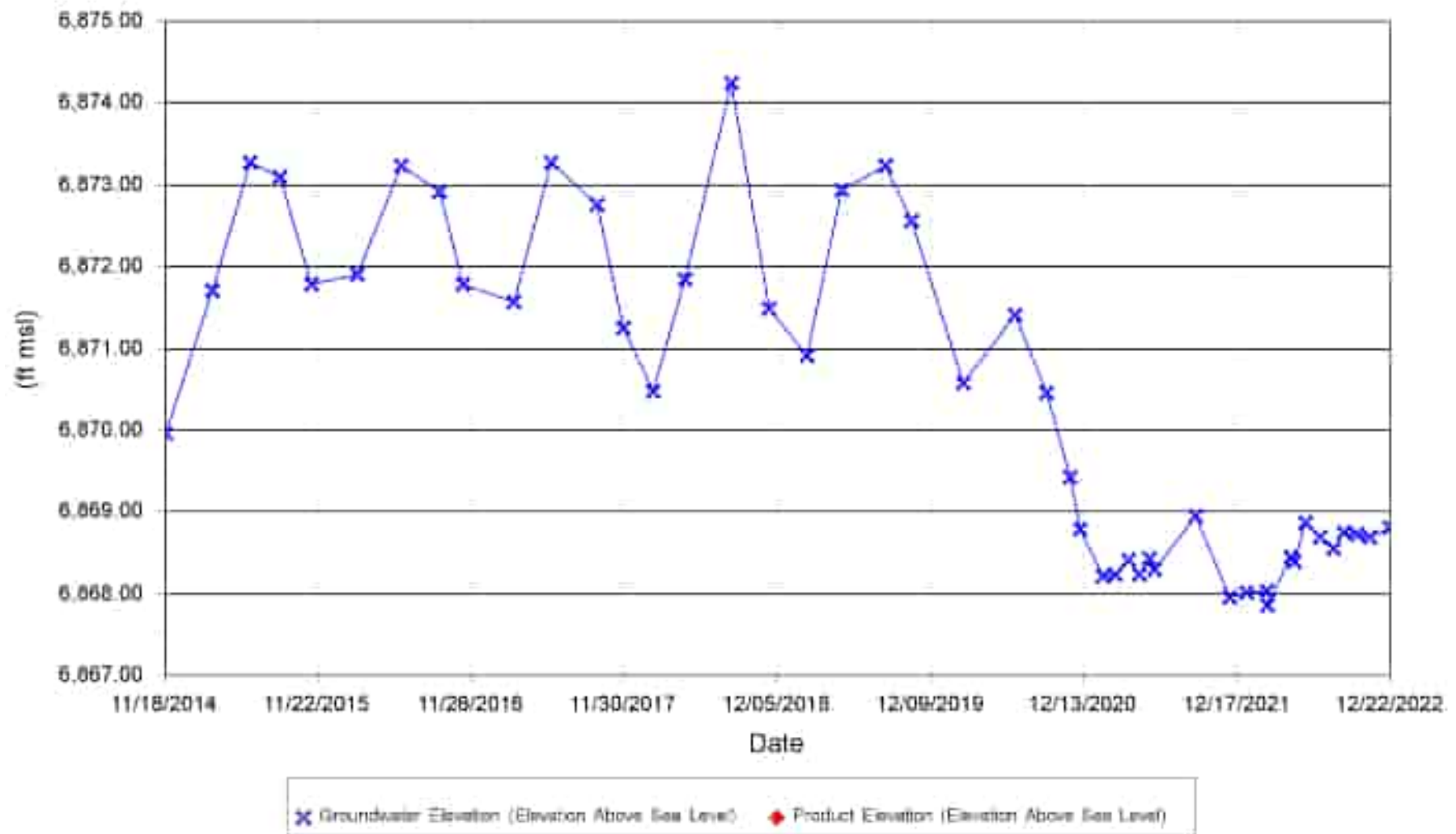
A graph with missing or no data points indicates that the well was dry during that(those) period(s)

The graph displays two data series over time. The Groundwater Elevation (blue line with 'x' markers) starts at approximately 6,874.2 ft msl on 11/18/2014, rises to a peak of about 6,877.2 ft msl on 11/27/2020, and then drops sharply to around 6,874.0 ft msl on 11/28/2020. The Product Elevation (red line with diamond markers) is only visible for the last few days of the period, showing a sharp drop to about 6,874.9 ft msl on 12/01/2022 and then a rise to about 6,875.3 ft msl on 12/02/2022.

| Date       | Groundwater Elevation (ft msl) | Product Elevation (ft msl) |
|------------|--------------------------------|----------------------------|
| 11/18/2014 | 6,874.2                        |                            |
| 11/19/2014 | 6,874.9                        |                            |
| 11/20/2014 | 6,875.3                        |                            |
| 11/21/2014 | 6,875.5                        |                            |
| 11/22/2014 | 6,875.2                        |                            |
| 11/23/2014 | 6,875.6                        |                            |
| 11/24/2014 | 6,875.6                        |                            |
| 11/25/2014 | 6,875.7                        |                            |
| 11/26/2014 | 6,876.1                        |                            |
| 11/27/2014 | 6,876.4                        |                            |
| 11/28/2014 | 6,874.0                        |                            |
| 11/29/2014 | 6,875.8                        |                            |
| 11/30/2014 | 6,875.9                        |                            |
| 12/01/2014 | 6,876.1                        |                            |
| 12/02/2014 | 6,875.7                        |                            |
| 12/03/2014 | 6,875.7                        |                            |
| 12/04/2014 | 6,875.8                        |                            |
| 12/05/2014 | 6,875.7                        |                            |
| 12/06/2014 | 6,875.7                        |                            |
| 12/07/2014 | 6,875.7                        |                            |
| 12/08/2014 | 6,875.7                        |                            |
| 12/09/2014 | 6,875.7                        |                            |
| 12/10/2014 | 6,875.7                        |                            |
| 12/11/2014 | 6,875.7                        |                            |
| 12/12/2014 | 6,875.7                        |                            |
| 12/13/2014 | 6,875.7                        |                            |
| 12/14/2014 | 6,875.7                        |                            |
| 12/15/2014 | 6,875.7                        |                            |
| 12/16/2014 | 6,875.7                        |                            |
| 12/17/2014 | 6,875.7                        |                            |
| 12/18/2014 | 6,875.7                        |                            |
| 12/19/2014 | 6,875.7                        |                            |
| 12/20/2014 | 6,875.7                        |                            |
| 12/21/2014 | 6,875.7                        |                            |
| 12/22/2014 | 6,875.7                        |                            |
| 12/23/2014 | 6,875.7                        |                            |
| 12/24/2014 | 6,875.7                        |                            |
| 12/25/2014 | 6,875.7                        |                            |
| 12/26/2014 | 6,875.7                        |                            |
| 12/27/2014 | 6,875.7                        |                            |
| 12/28/2014 | 6,875.7                        |                            |
| 12/29/2014 | 6,875.7                        |                            |
| 12/30/2014 | 6,875.7                        |                            |
| 12/31/2014 | 6,875.7                        |                            |
| 12/32/2014 | 6,875.7                        |                            |
| 12/33/2014 | 6,875.7                        |                            |
| 12/34/2014 | 6,875.7                        |                            |
| 12/35/2014 | 6,875.7                        |                            |
| 12/36/2014 | 6,875.7                        |                            |
| 12/37/2014 | 6,875.7                        |                            |
| 12/38/2014 | 6,875.7                        |                            |
| 12/39/2014 | 6,875.7                        |                            |
| 12/40/2014 | 6,875.7                        |                            |
| 12/41/2014 | 6,875.7                        |                            |
| 12/42/2014 | 6,875.7                        |                            |
| 12/43/2014 | 6,875.7                        |                            |
| 12/44/2014 | 6,875.7                        |                            |
| 12/45/2014 | 6,875.7                        |                            |
| 12/46/2014 | 6,875.7                        |                            |
| 12/47/2014 | 6,875.7                        |                            |
| 12/48/2014 | 6,875.7                        |                            |
| 12/49/2014 | 6,875.7                        |                            |
| 12/50/2014 | 6,875.7                        |                            |
| 12/51/2014 | 6,875.7                        |                            |
| 12/52/2014 | 6,875.7                        |                            |
| 12/53/2014 | 6,875.7                        |                            |
| 12/54/2014 | 6,875.7                        |                            |
| 12/55/2014 | 6,875.7                        |                            |
| 12/56/2014 | 6,875.7                        |                            |
| 12/57/2014 | 6,875.7                        |                            |
| 12/58/2014 | 6,875.7                        |                            |
| 12/59/2014 | 6,875.7                        |                            |
| 12/60/2014 | 6,875.7                        |                            |
| 12/61/2014 | 6,875.7                        |                            |
| 12/62/2014 | 6,875.7                        |                            |
| 12/63/2014 | 6,875.7                        |                            |
| 12/64/2014 | 6,875.7                        |                            |
| 12/65/2014 | 6,875.7                        |                            |
| 12/66/2014 | 6,875.7                        |                            |
| 12/67/2014 | 6,875.7                        |                            |
| 12/68/2014 | 6,875.7                        |                            |
| 12/69/2014 | 6,875.7                        |                            |
| 12/70/2014 | 6,875.7                        |                            |
| 12/71/2014 | 6,875.7                        |                            |
| 12/72/2014 | 6,875.7                        |                            |
| 12/73/2014 | 6,875.7                        |                            |
| 12/74/2014 | 6,875.7                        |                            |
| 12/75/2014 | 6,875.7                        |                            |
| 12/76/2014 | 6,875.7                        |                            |
| 12/77/2014 | 6,875.7                        |                            |

56 of 101

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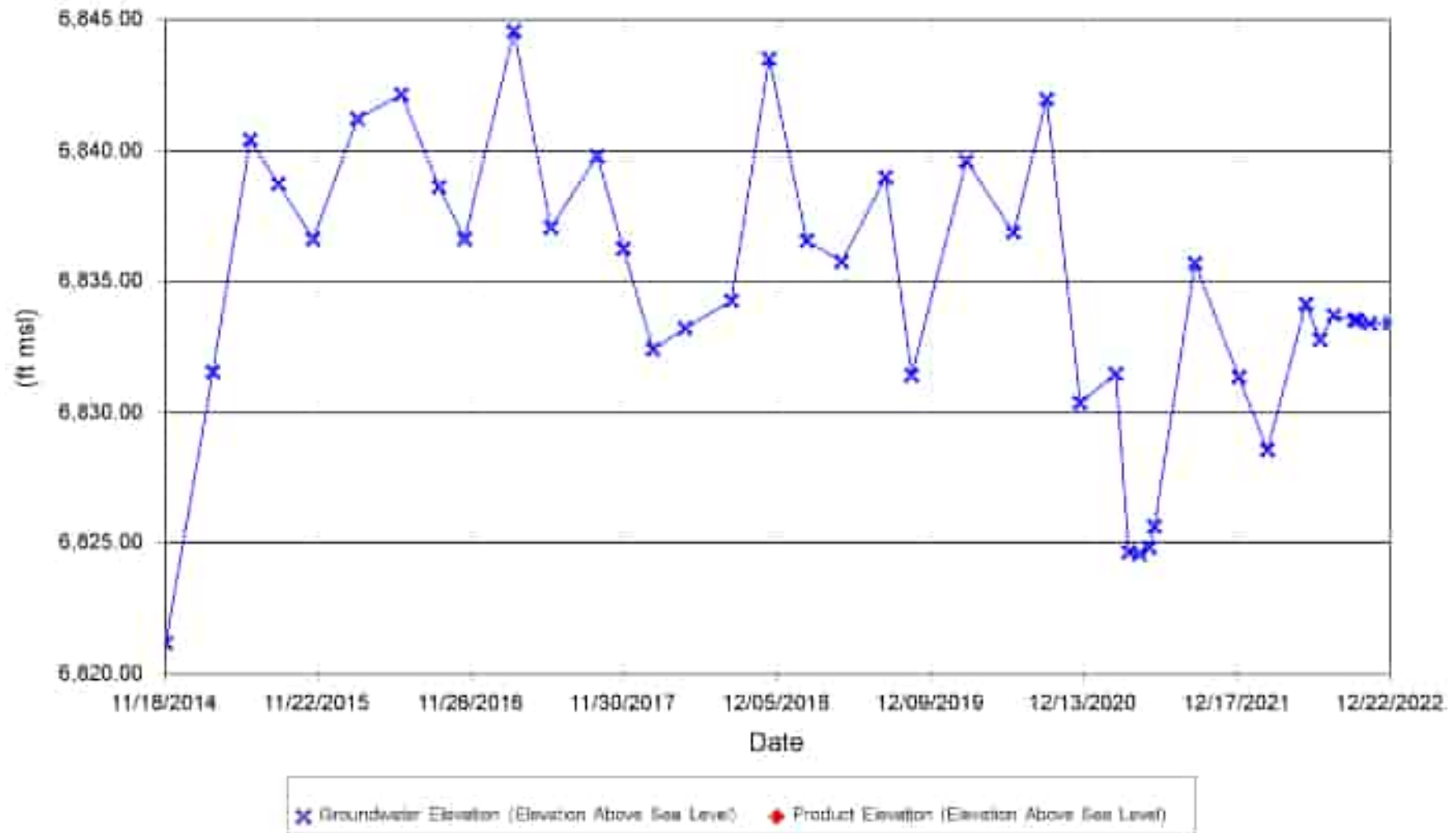
**APPENDIX B-2B. MKTF-43 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
CHINLE/ALLUVIUM AQUIFER****Notes:**

SPH - Separate Phase Hydrocarbon

ft msl - feet above mean sea level

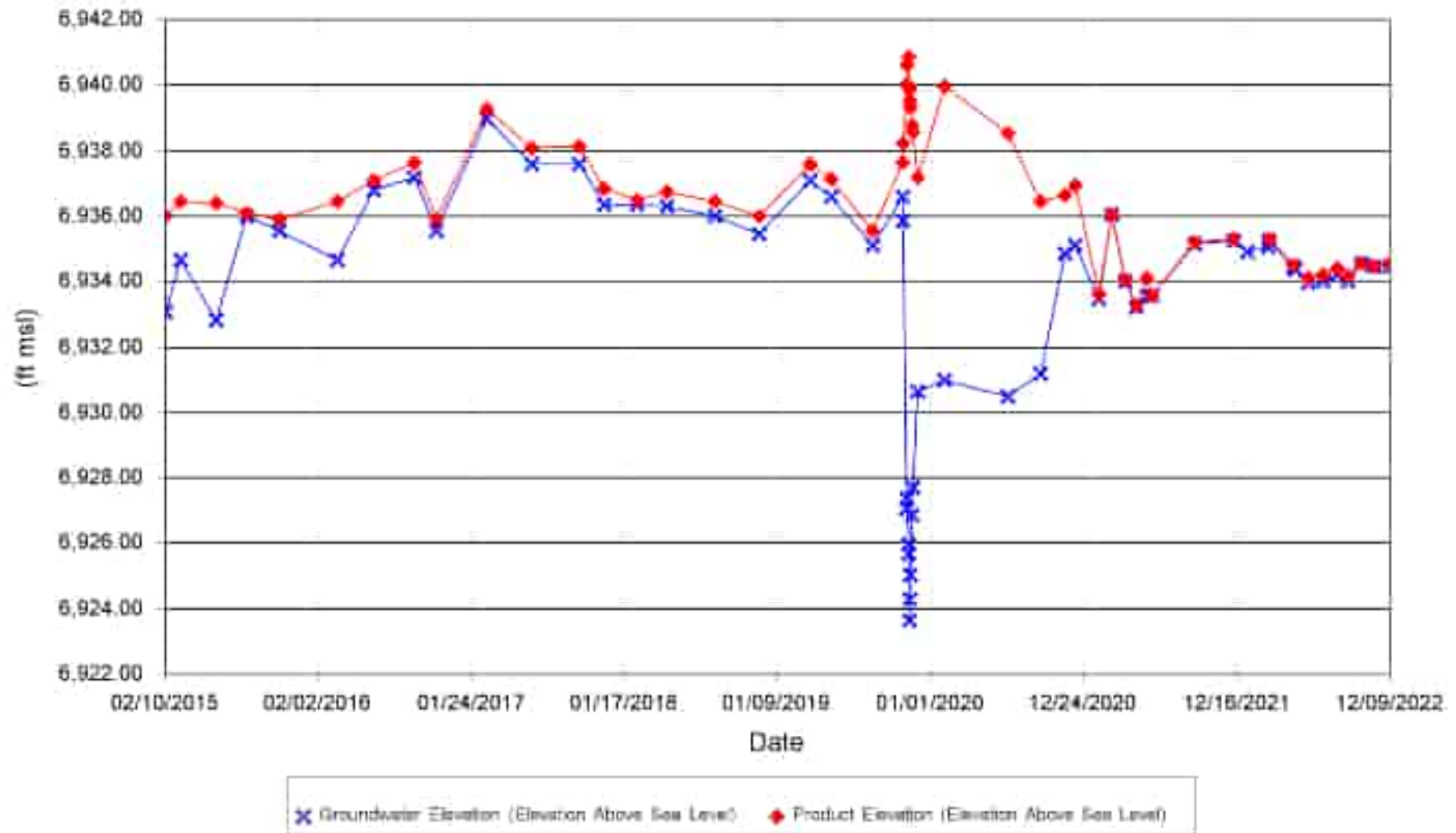
A graph with missing or no data points indicates that the well was dry during that(those) period(s)

# APPENDIX B-2B. MKTF-44 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER



Notes:  
 SPH - Separate Phase Hydrocarbon  
 ft msl - feet above mean sea level  
 A graph with missing or no data points indicates that the well was dry during that(those) period(s)

# APPENDIX B-2B. MKTF-45 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER



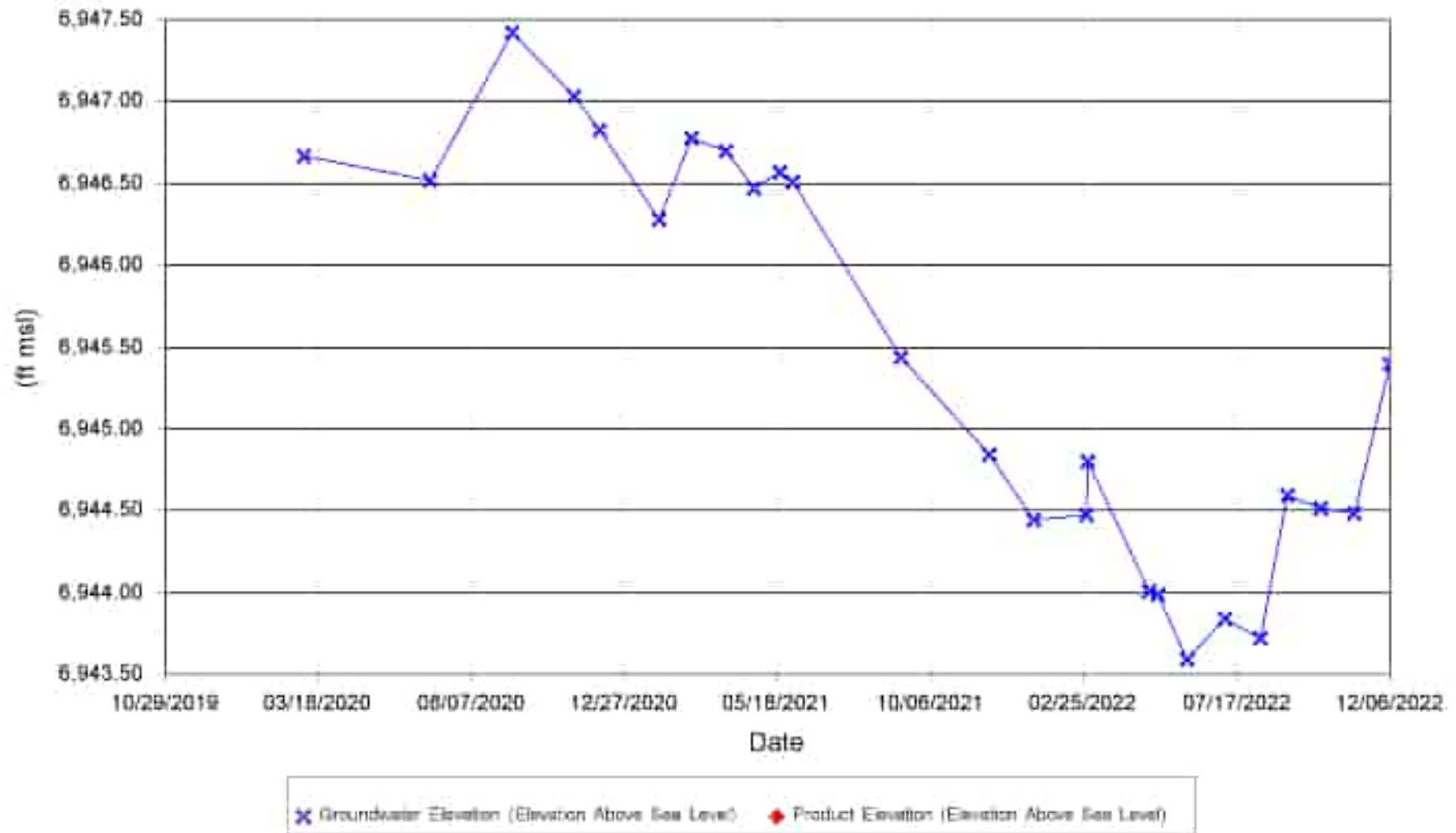
## Notes:

SPH - Separate Phase Hydrocarbon

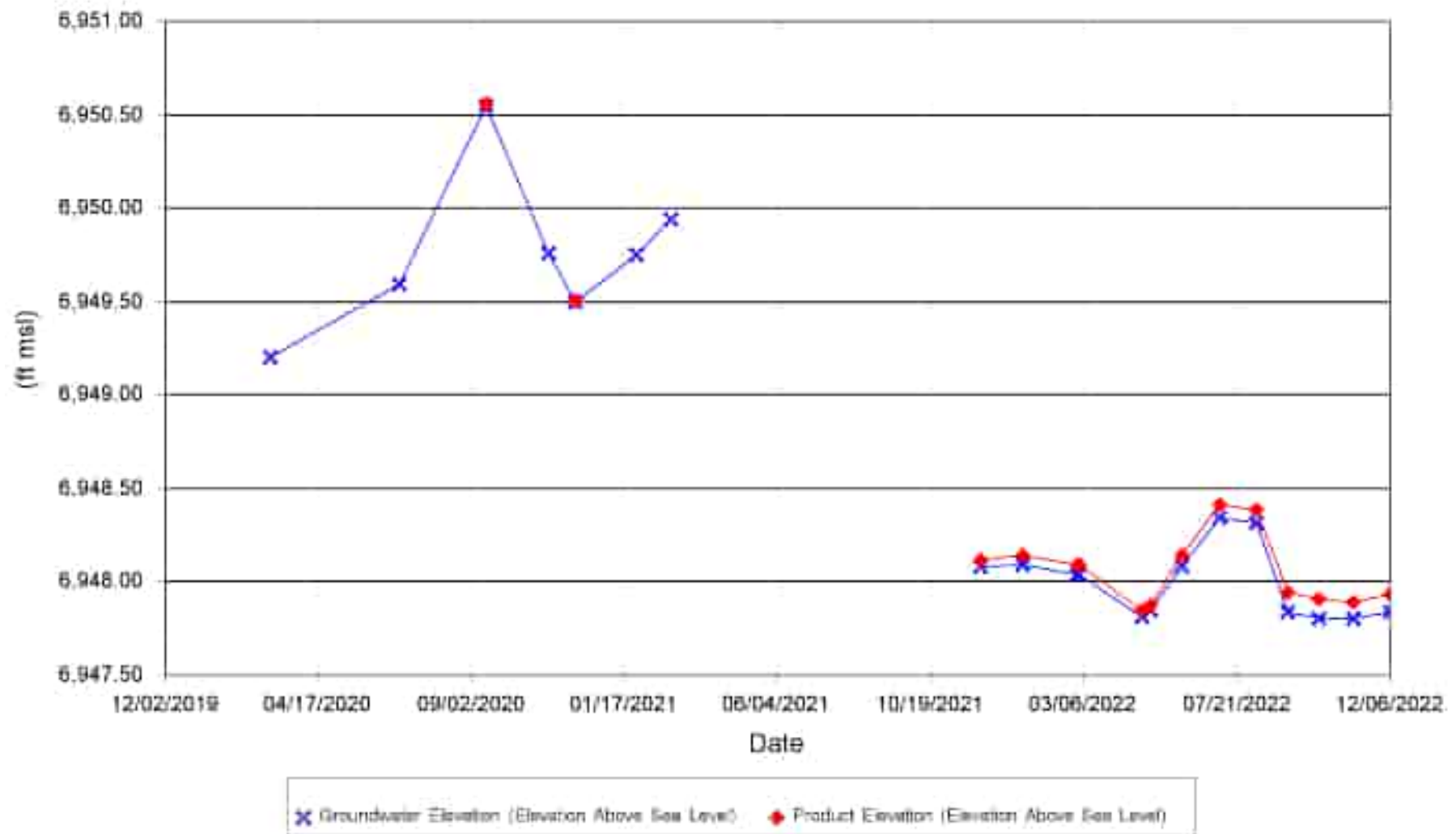
ft msl - feet above mean sea level

A graph with missing or no data points indicates that the well was dry during that(those) period(s)



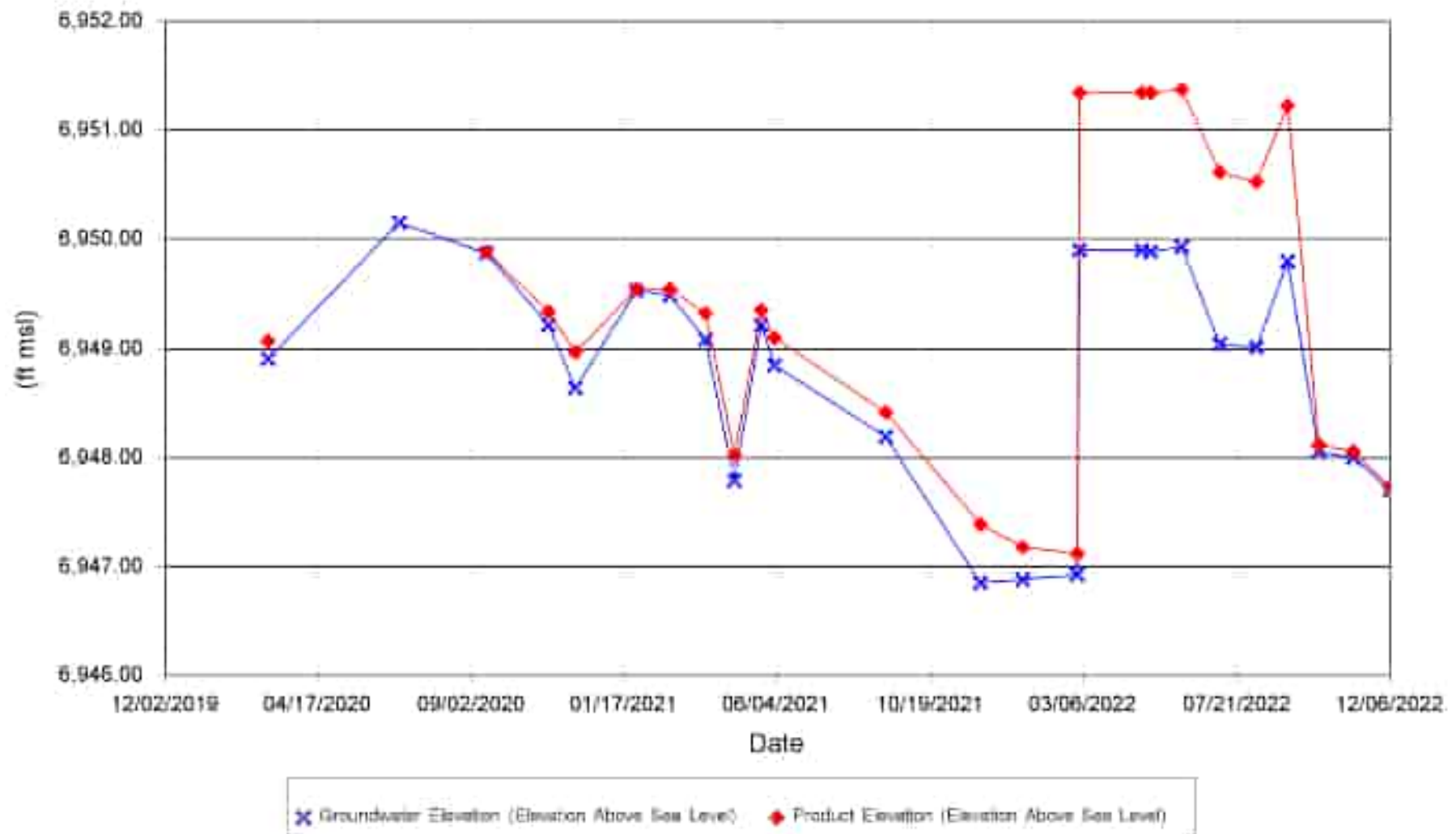
**APPENDIX B-2B. MKTF-46 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
CHINLE/ALLUVIUM AQUIFER**

Notes:  
SPH - Separate Phase Hydrocarbon  
ft msl - feet above mean sea level  
A graph with missing or no data points indicates that the well was dry during that(those) period(s)

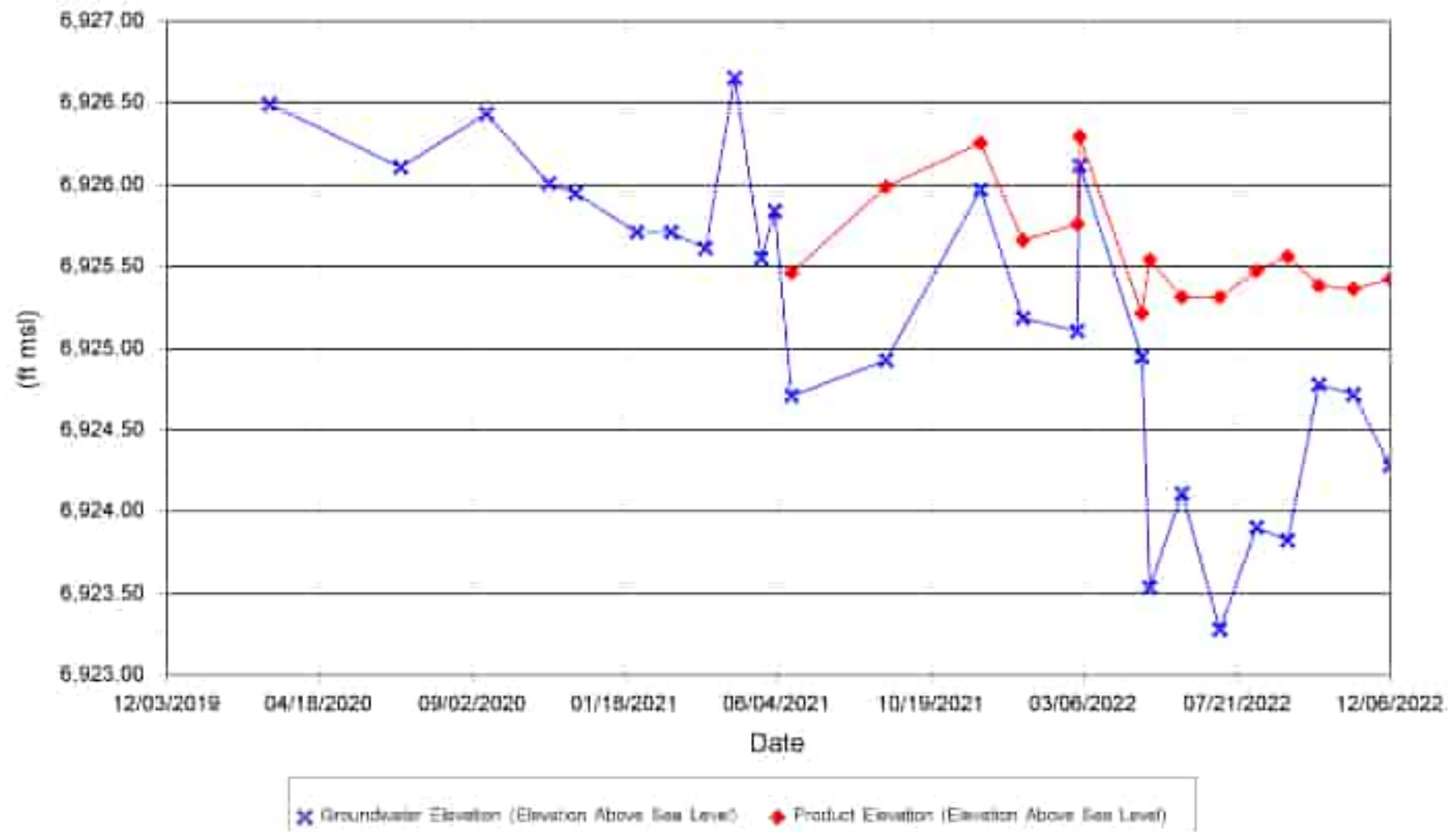
**APPENDIX B-2B. MKTF-47 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
CHINLE/ALLUVIUM AQUIFER**

Notes:  
SPH - Separate Phase Hydrocarbon  
ft msl - feet above mean sea level  
A graph with missing or no data points indicates that the well was dry during that(those) period(s)

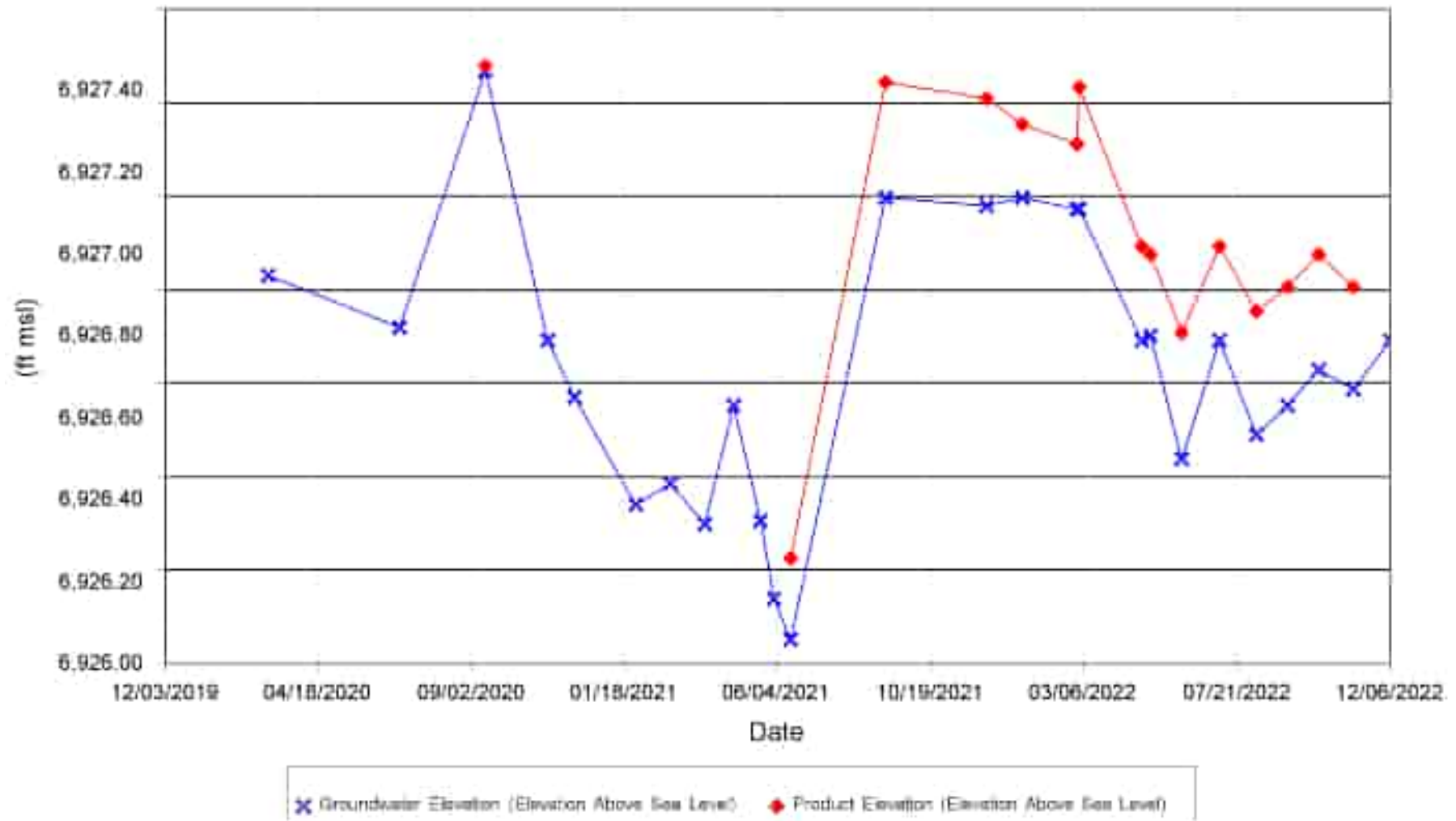
# APPENDIX B-2B. MKTF-48 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER



Notes:  
 SPH - Separate Phase Hydrocarbon  
 ft msl - feet above mean sea level  
 A graph with missing or no data points indicates that the well was dry during that(those) period(s)

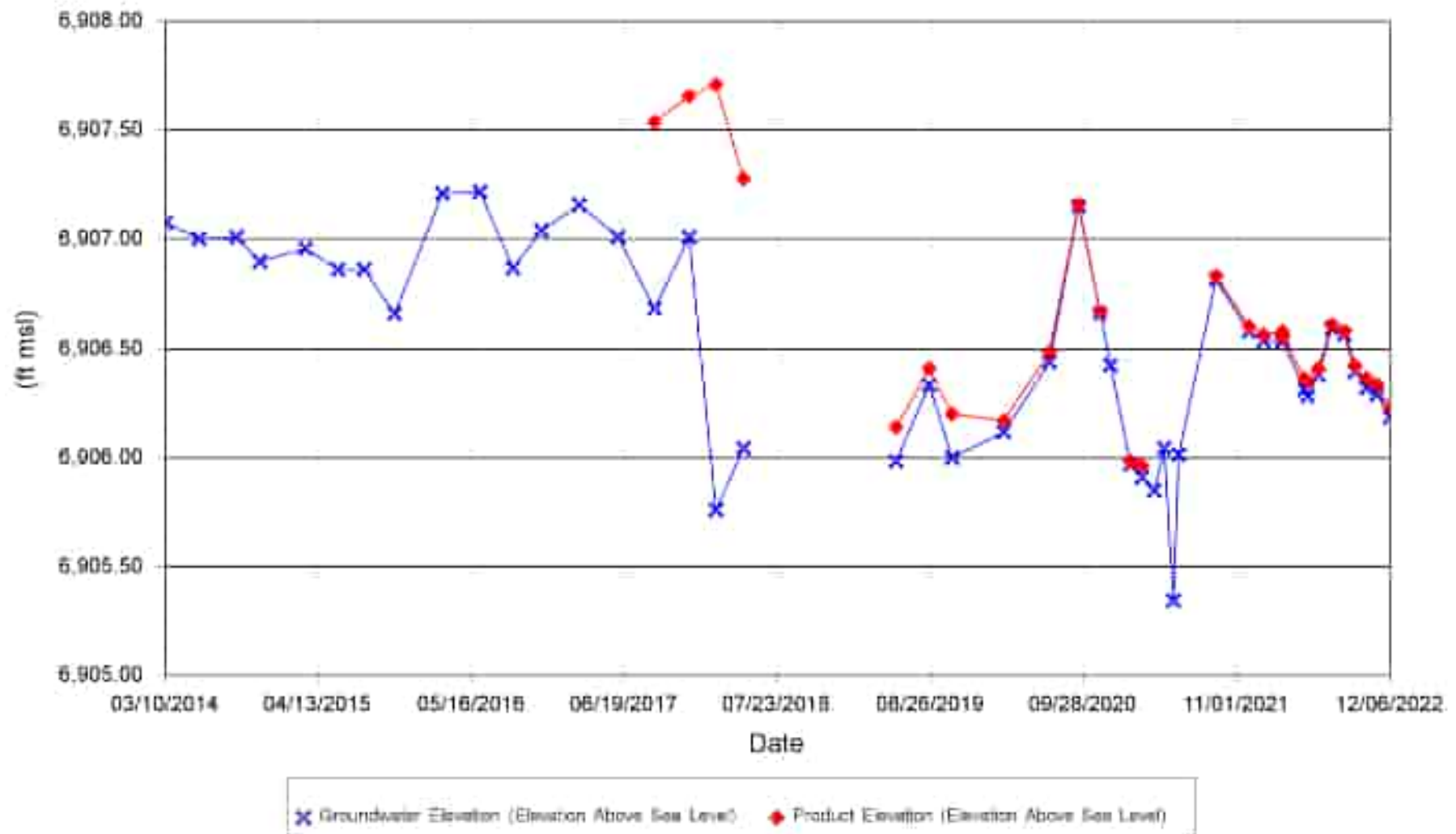
**APPENDIX B-2B. MKTF-49 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
CHINLE/ALLUVIUM AQUIFER**

Notes:  
SPH - Separate Phase Hydrocarbon  
ft msl - feet above mean sea level  
A graph with missing or no data points indicates that the well was dry during that(those) period(s)

**APPENDIX B-2B. MKTF-50 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
CHINLE/ALLUVIUM AQUIFER**

Notes:  
SPH - Separate Phase Hydrocarbon  
ft msl - feet above mean sea level  
A graph with missing or no data points indicates that the well was dry during that(those) period(s)

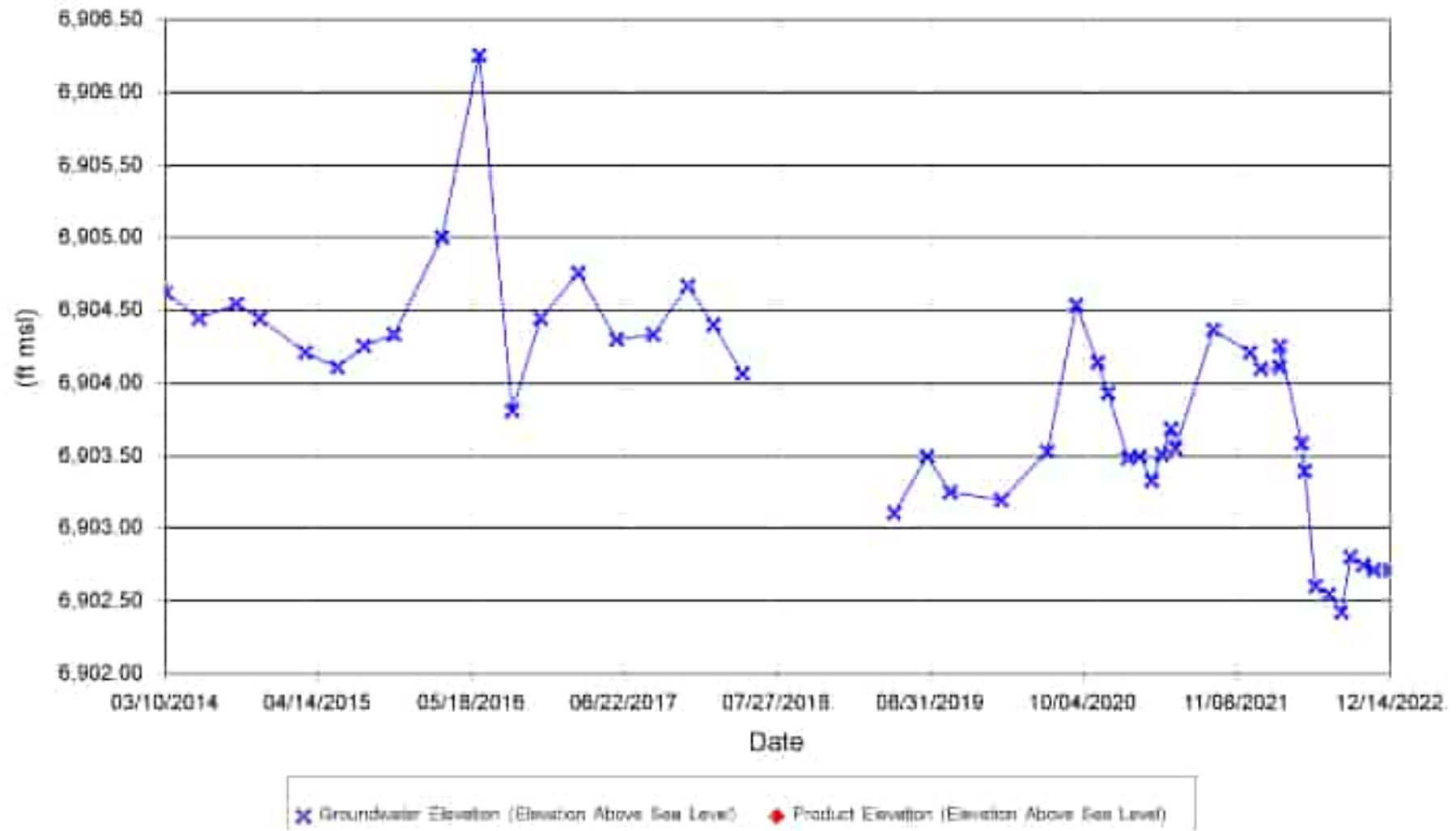
# APPENDIX B-2B. NAPIS-1 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER



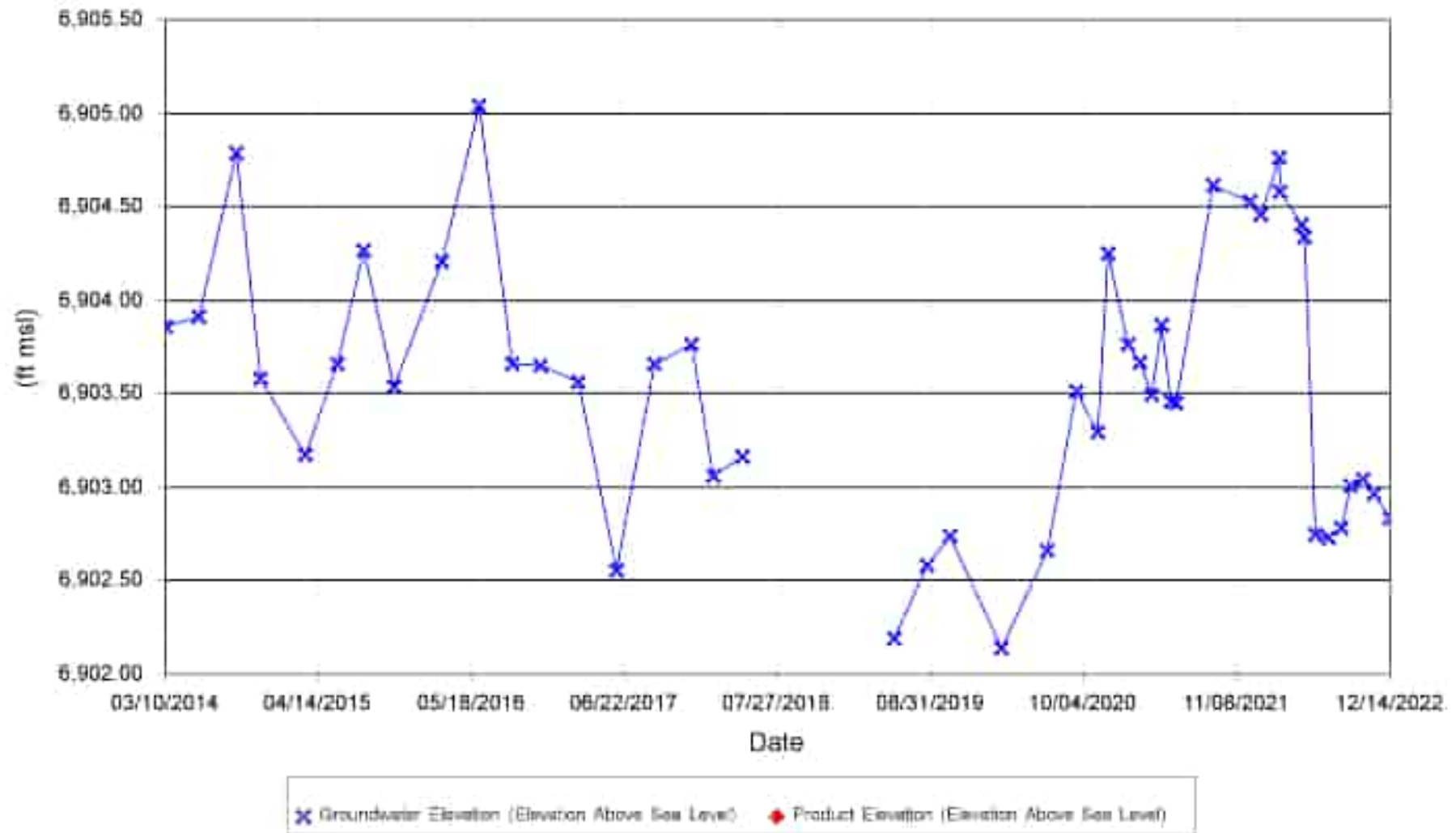
Notes:  
 SPH - Separate Phase Hydrocarbon  
 ft msl - feet above mean sea level  
 A graph with missing or no data points indicates that the well was dry during that(those) period(s)



# APPENDIX B-2B. NAPIS-2 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER



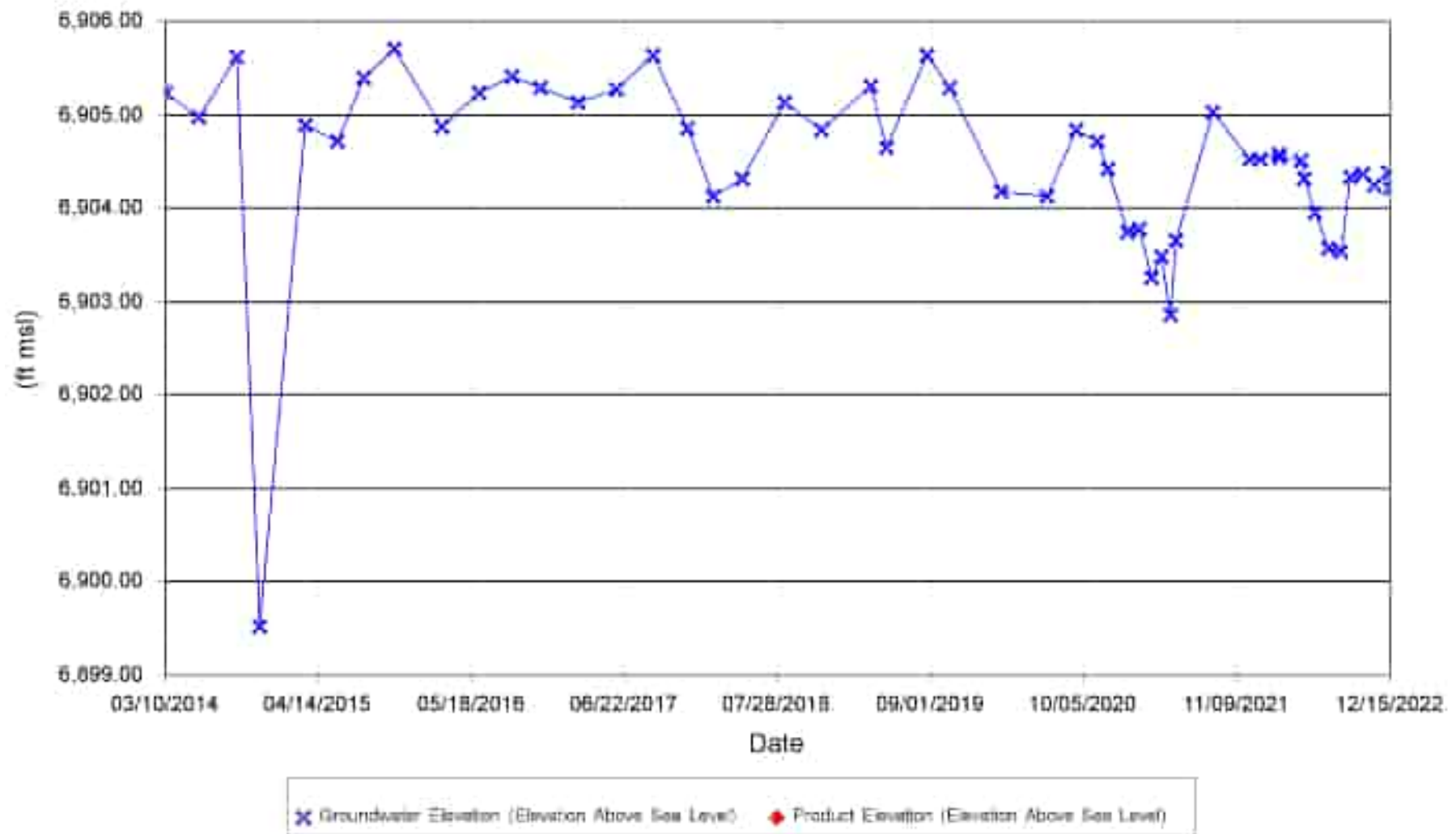
Notes:  
 SPH - Separate Phase Hydrocarbon  
 ft msl - feet above mean sea level  
 A graph with missing or no data points indicates that the well was dry during that(those) period(s)

**APPENDIX B-2B. NAPIS-3 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
CHINLE/ALLUVIUM AQUIFER****Notes:**

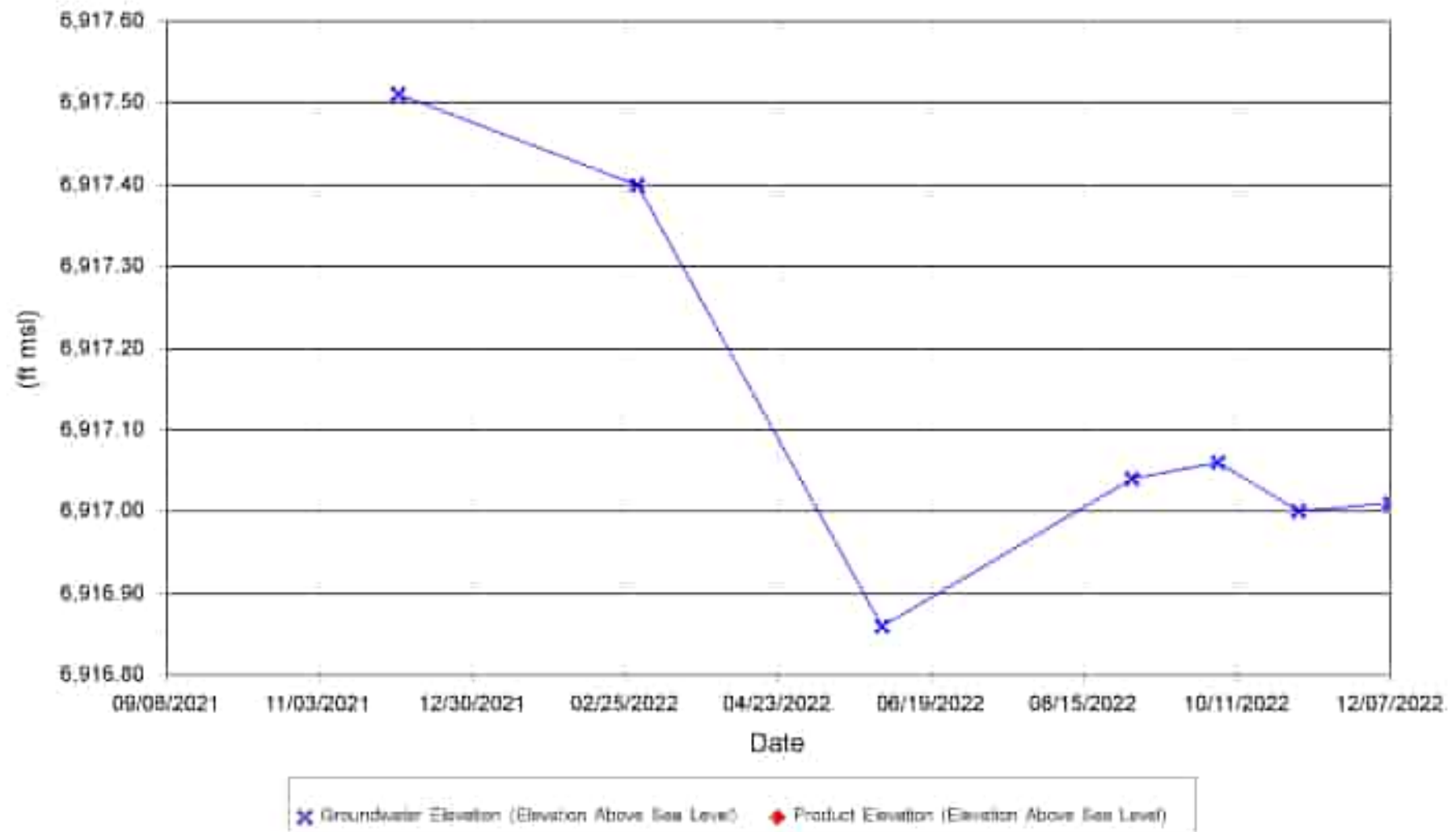
SPH - Separate Phase Hydrocarbon

ft msl - feet above mean sea level

A graph with missing or no data points indicates that the well was dry during that(those) period(s)

**APPENDIX B-2B. OAPIS-1 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
CHINLE/ALLUVIUM AQUIFER**

Notes:  
SPH - Separate Phase Hydrocarbon  
ft msl - feet above mean sea level  
A graph with missing or no data points indicates that the well was dry during that(those) period(s)

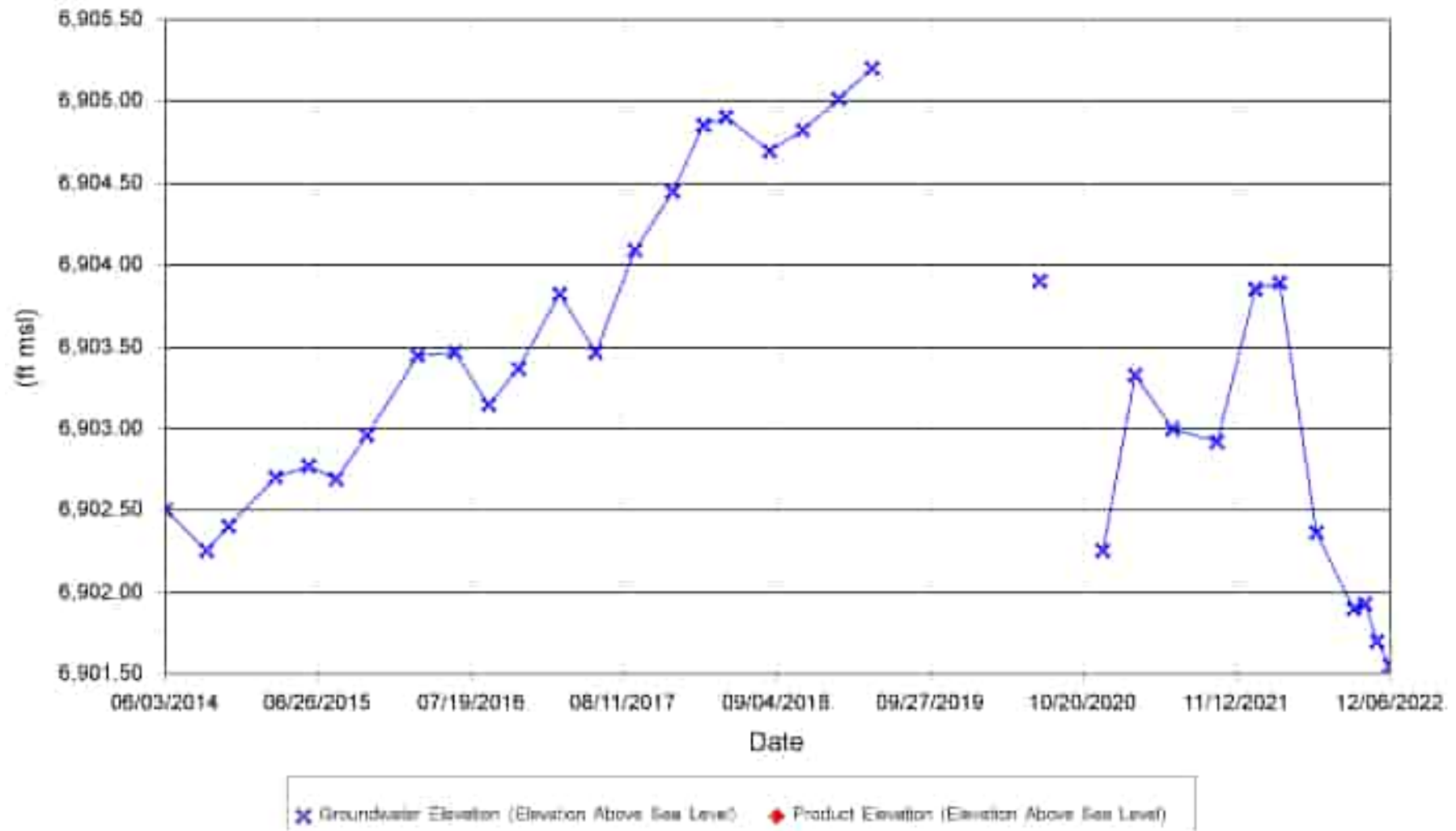
**APPENDIX B-2B. OW-12A HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
CHINLE/ALLUVIUM AQUIFER****Notes:**

SPH - Separate Phase Hydrocarbon

ft msl - feet above mean sea level

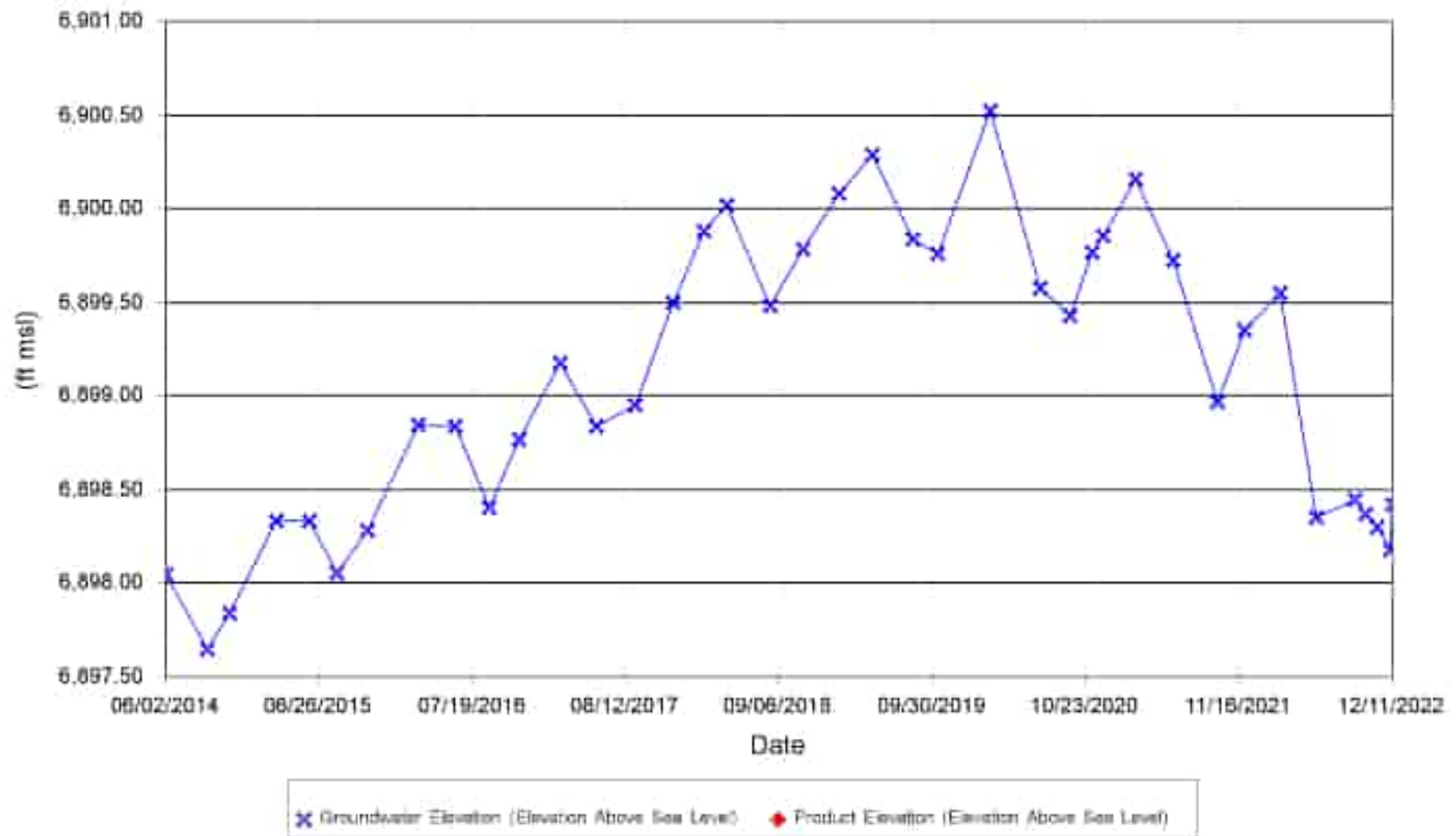
A graph with missing or no data points indicates that the well was dry during that(those) period(s)

# APPENDIX B-2B. OW-14 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER



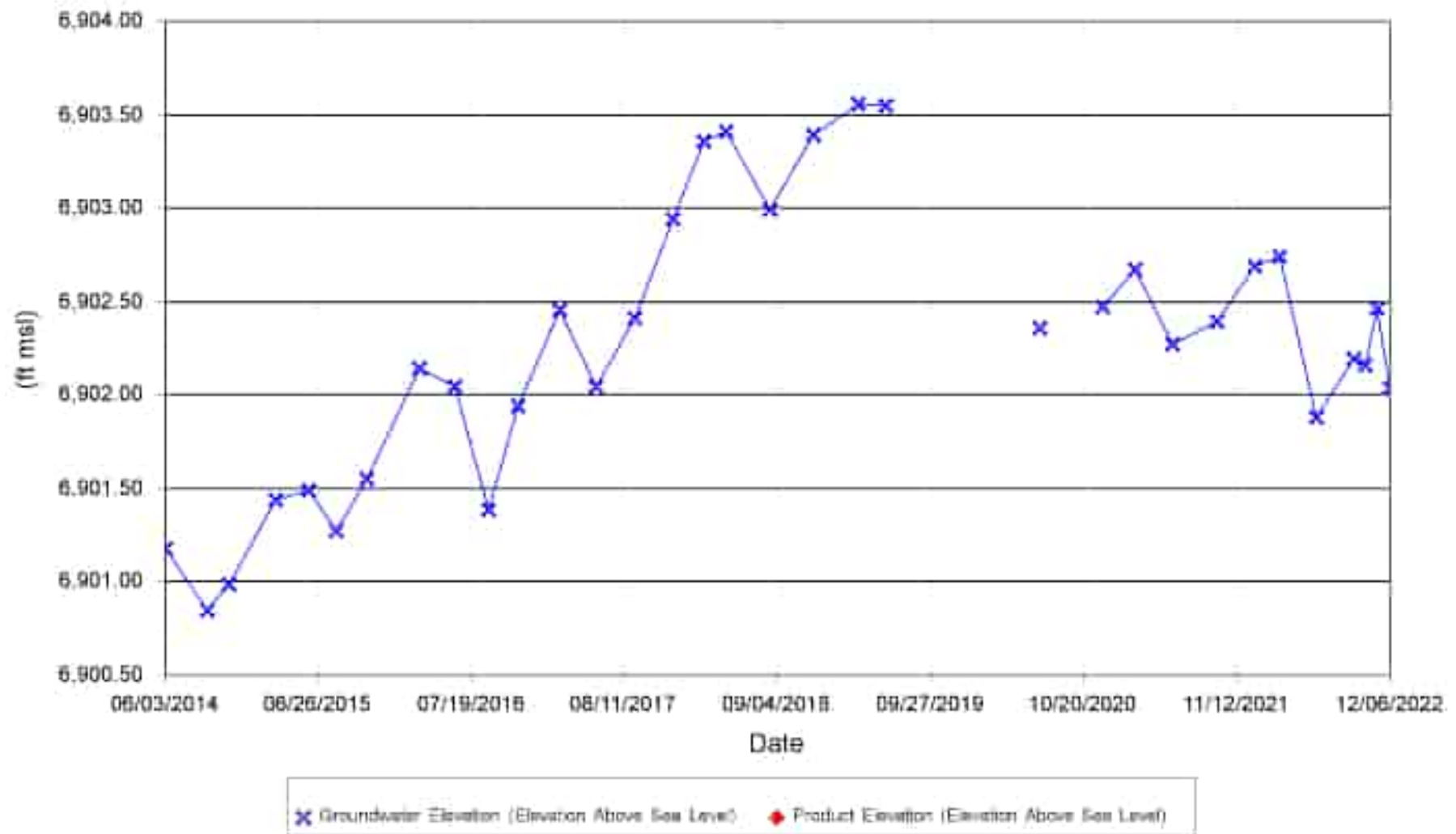
Notes:  
 SPH - Separate Phase Hydrocarbon  
 ft msl - feet above mean sea level  
 A graph with missing or no data points indicates that the well was dry during that(those) period(s)

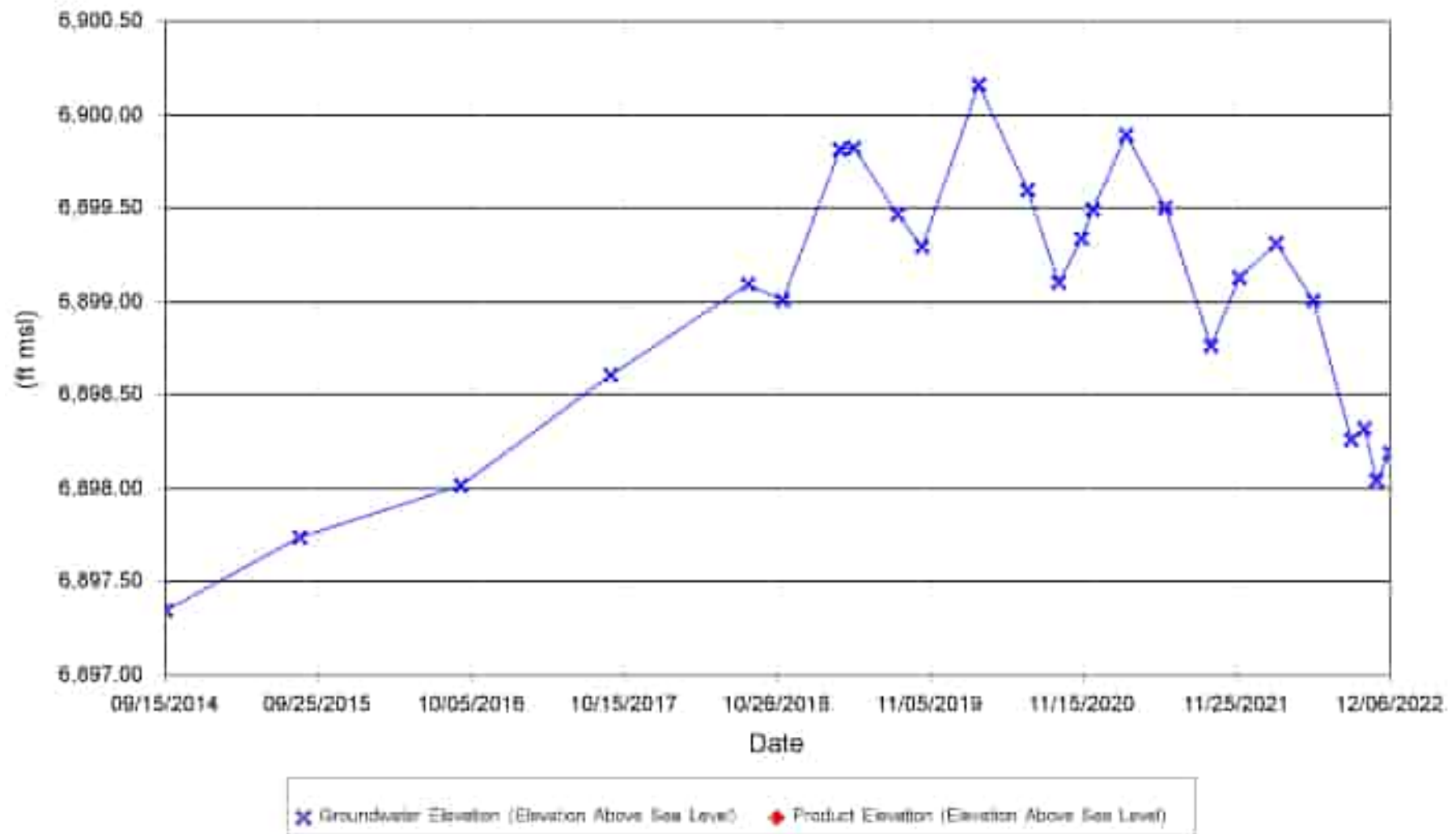
# APPENDIX B-2B. OW-29 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER



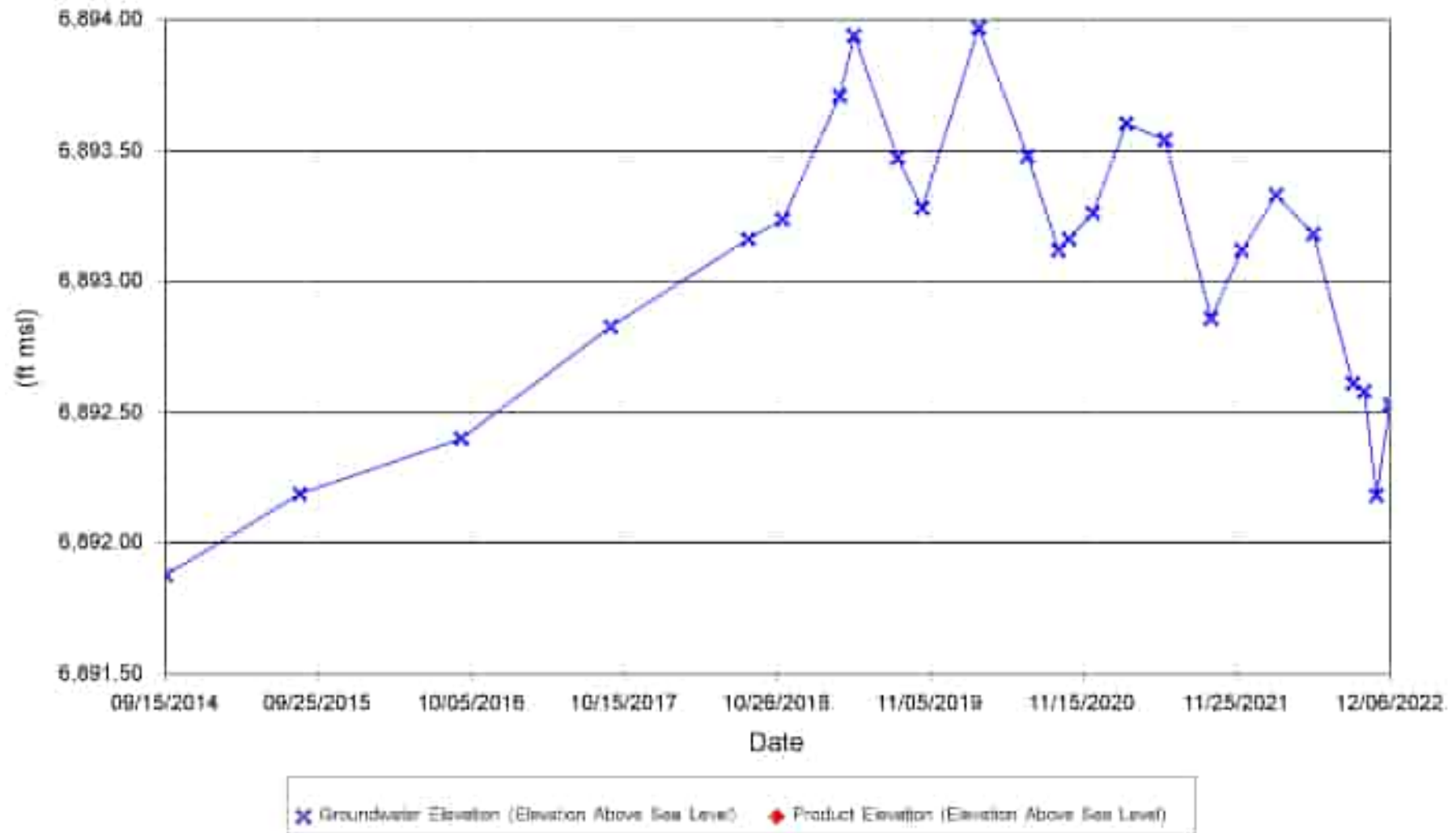
Notes:  
 SPH - Separate Phase Hydrocarbon  
 ft msl - feet above mean sea level  
 A graph with missing or no data points indicates that the well was dry during that(those) period(s)



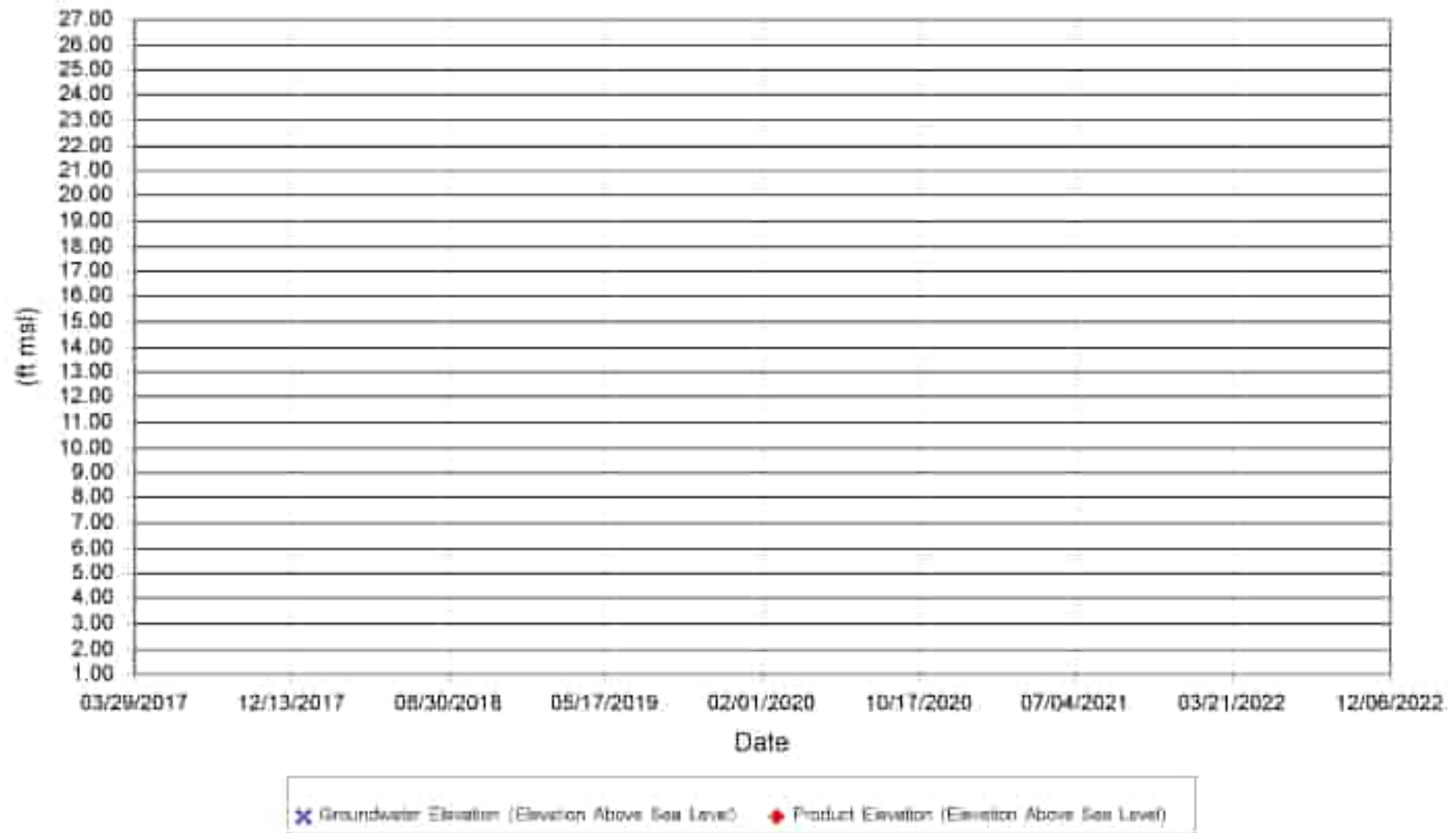
**APPENDIX B-2B. OW-30 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
CHINLE/ALLUVIUM AQUIFER**

**APPENDIX B-2B. OW-50 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
CHINLE/ALLUVIUM AQUIFER**

Notes:  
SPH - Separate Phase Hydrocarbon  
ft msl - feet above mean sea level  
A graph with missing or no data points indicates that the well was dry during that(those) period(s)

**APPENDIX B-2B. OW-52 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
CHINLE/ALLUVIUM AQUIFER**

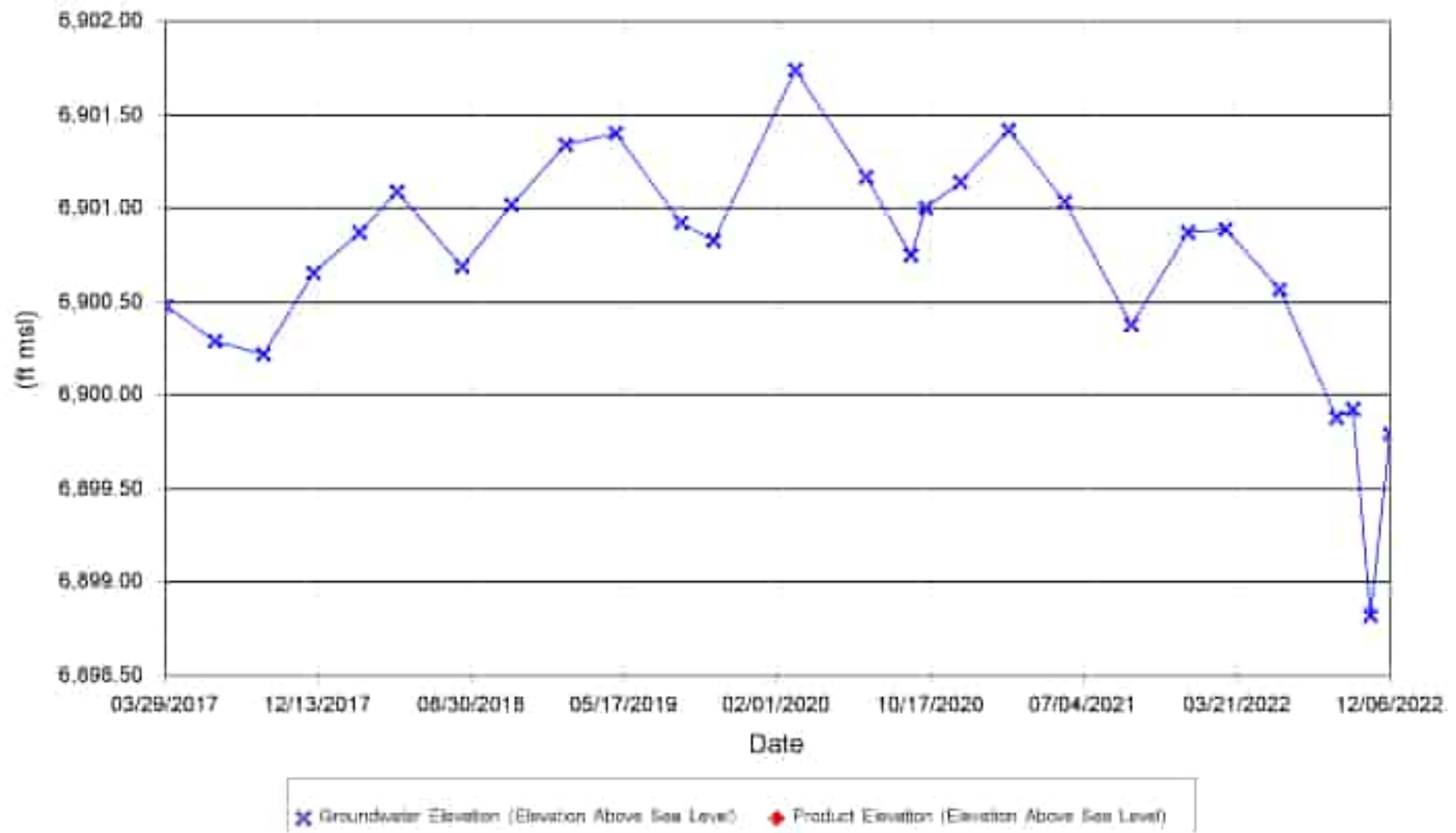
Notes:  
SPH - Separate Phase Hydrocarbon  
ft msl - feet above mean sea level  
A graph with missing or no data points indicates that the well was dry during that(those) period(s)

**APPENDIX B-2B. OW-53 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
CHINLE/ALLUVIUM AQUIFER****Notes:**

SPH - Separate Phase Hydrocarbon

ft msl - feet above mean sea level

A graph with missing or no data points indicates that the well was dry during that(those) period(s)

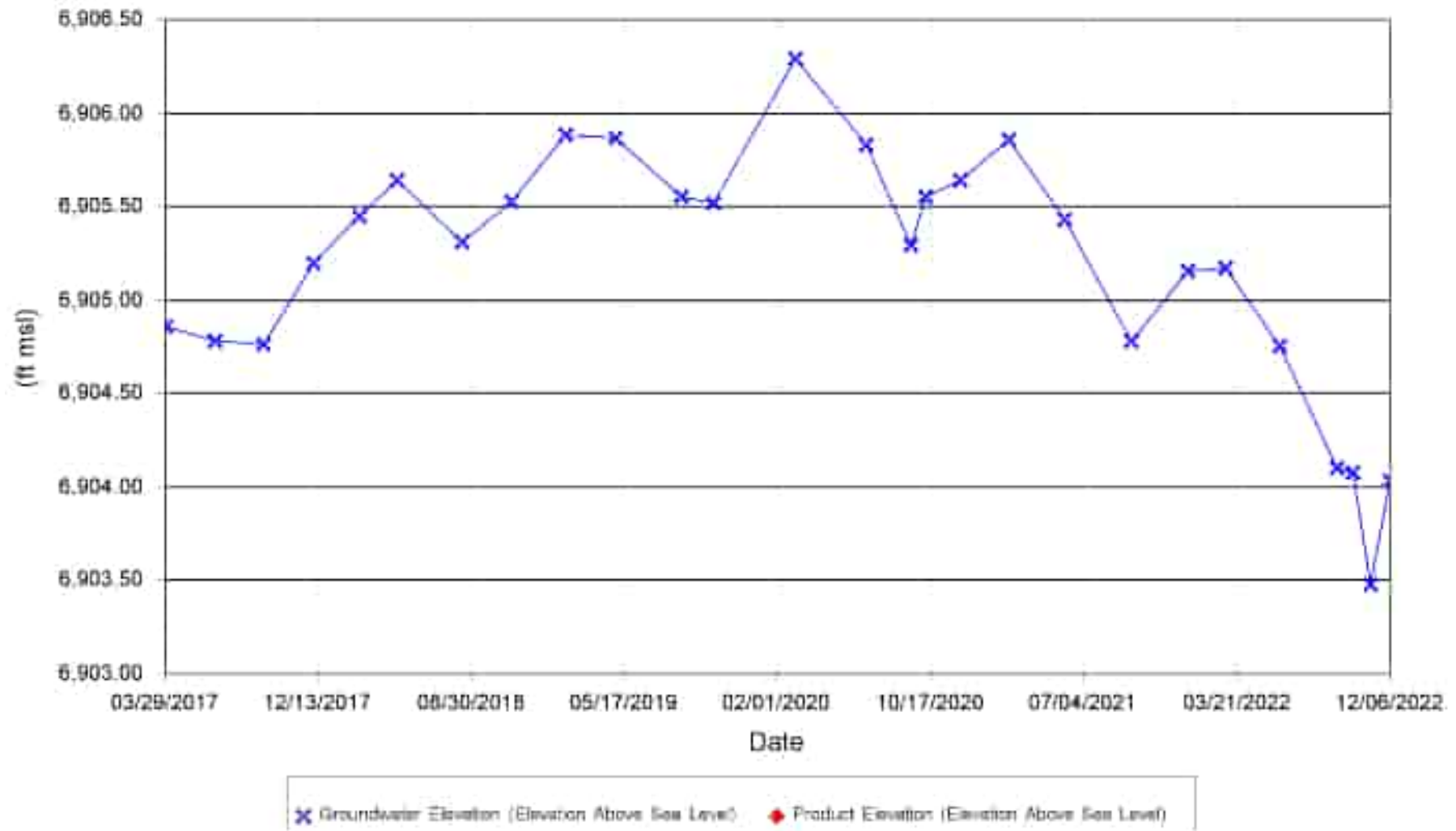
**APPENDIX B-2B. OW-54 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
CHINLE/ALLUVIUM AQUIFER****Notes:**

SPH - Separate Phase Hydrocarbon

ft msl - feet above mean sea level

A graph with missing or no data points indicates that the well was dry during that(those) period(s)

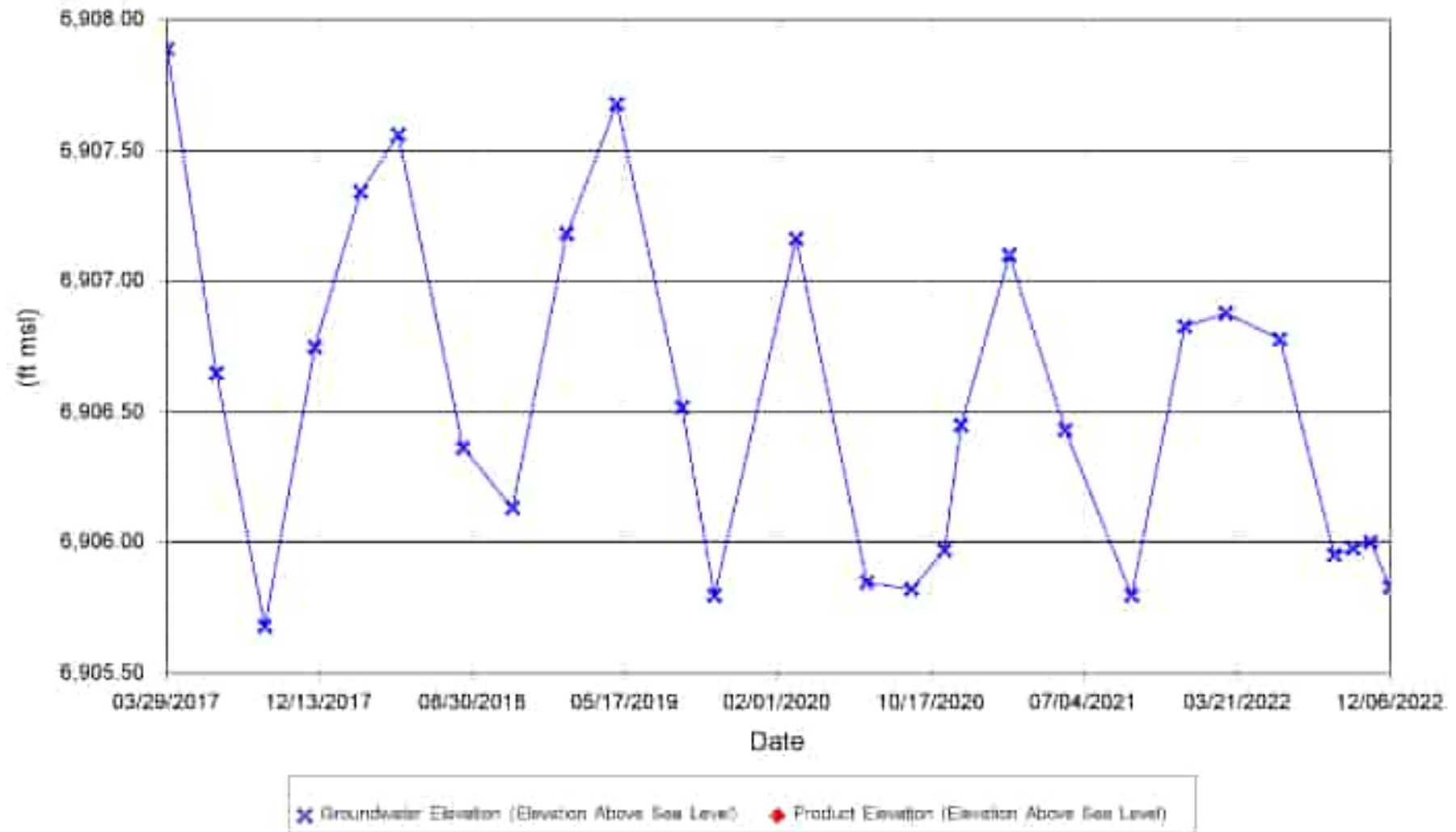
# APPENDIX B-2B. OW-55 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER



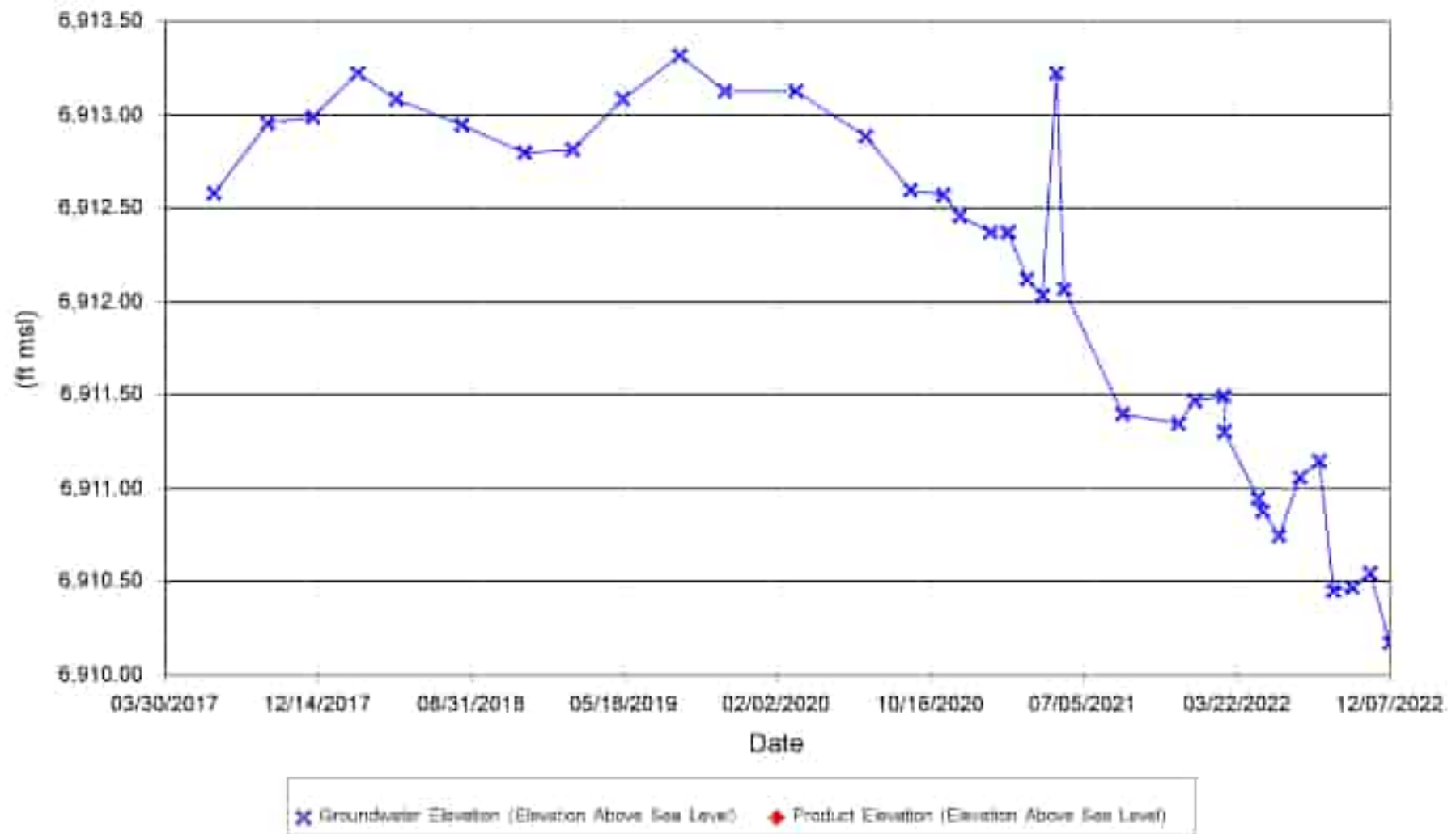
Notes:  
 SPH - Separate Phase Hydrocarbon  
 ft msl - feet above mean sea level  
 A graph with missing or no data points indicates that the well was dry during that(those) period(s)



# APPENDIX B-2B. OW-56 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER

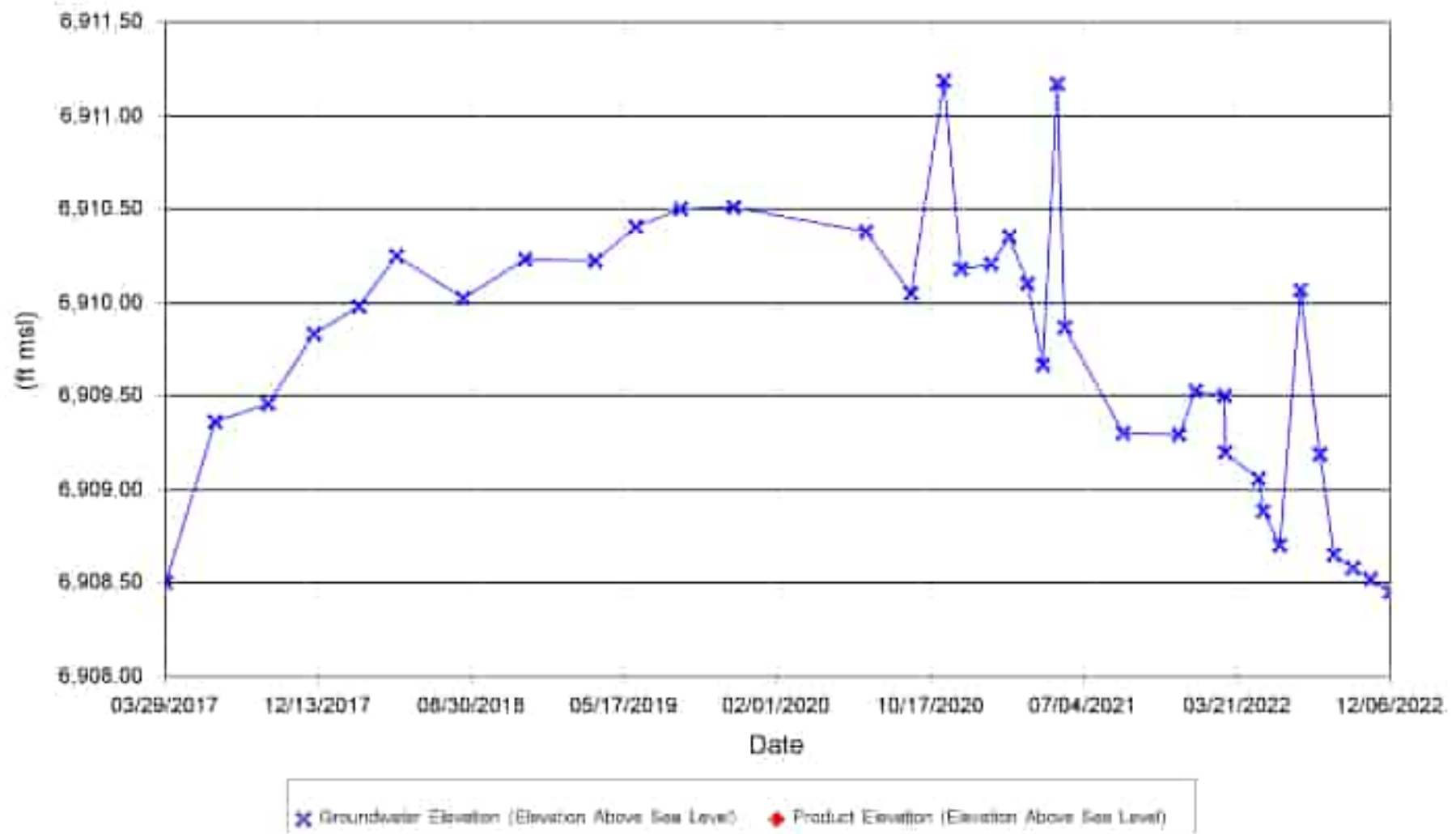


Notes:  
 SPH - Separate Phase Hydrocarbon  
 ft msl - feet above mean sea level  
 A graph with missing or no data points indicates that the well was dry during that(those) period(s)

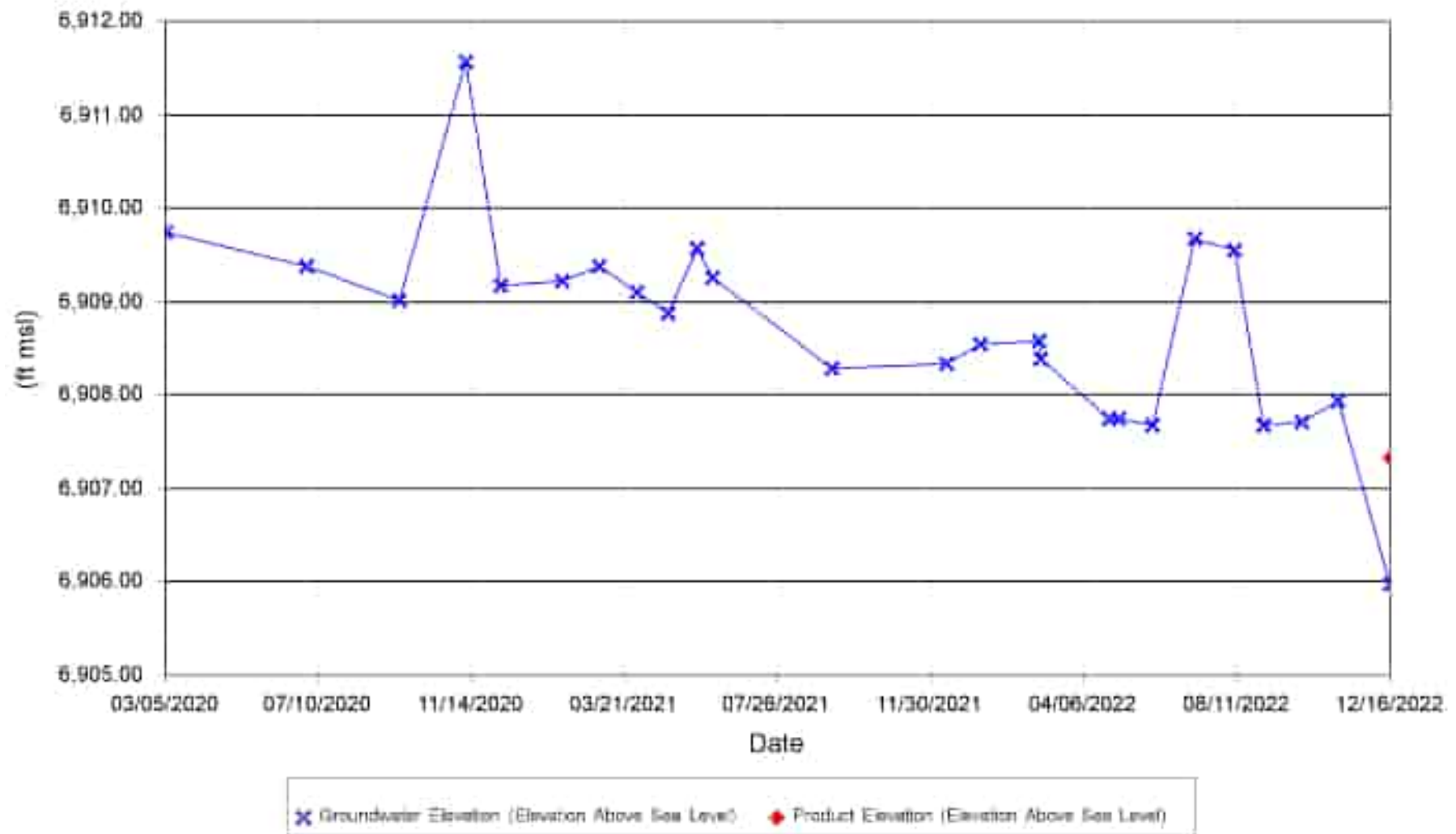
**APPENDIX B-2B. OW-57 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
CHINLE/ALLUVIUM AQUIFER**

Notes:  
SPH - Separate Phase Hydrocarbon  
ft msl - feet above mean sea level  
A graph with missing or no data points indicates that the well was dry during that(those) period(s)

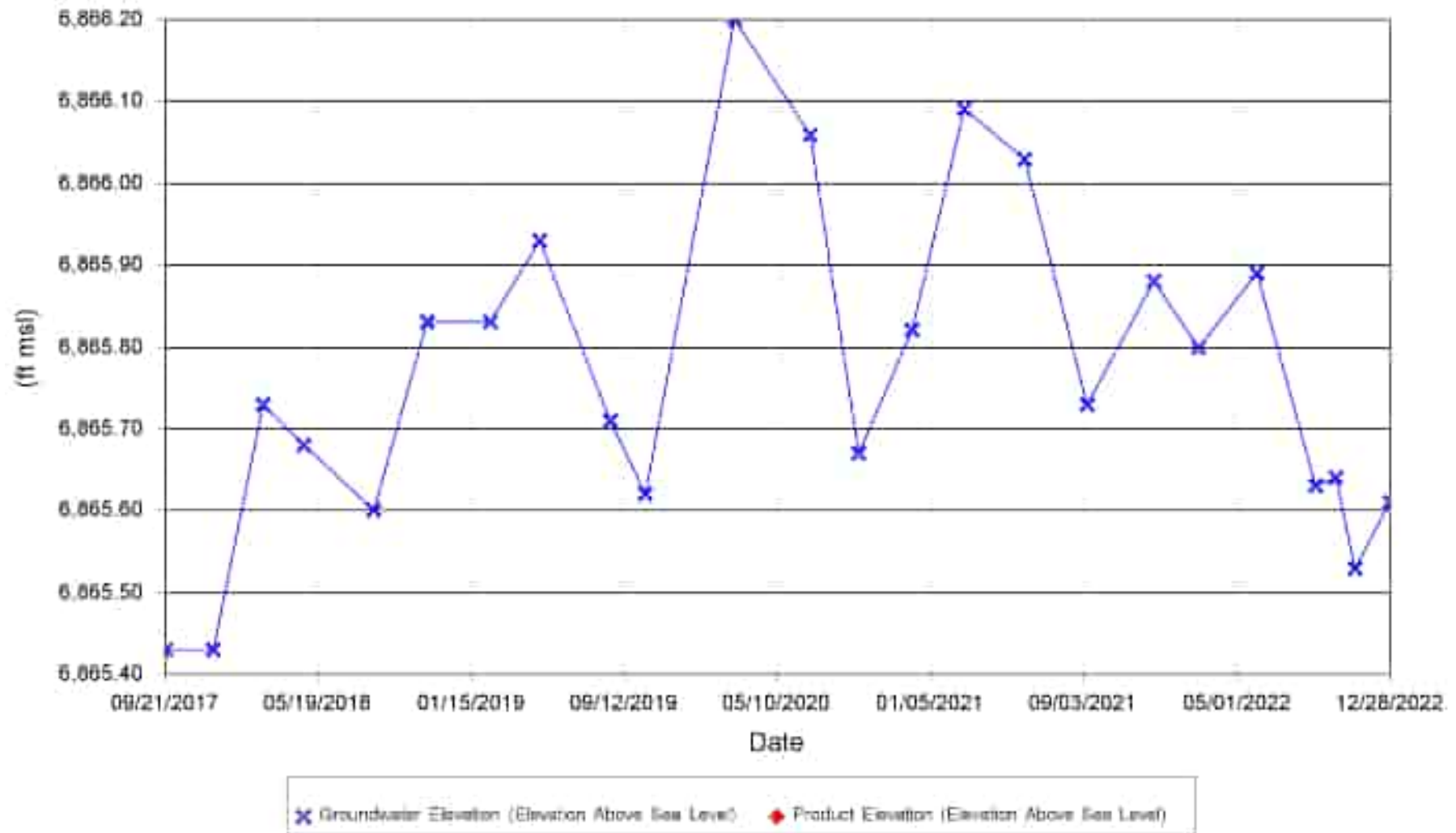
# APPENDIX B-2B. OW-58 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER



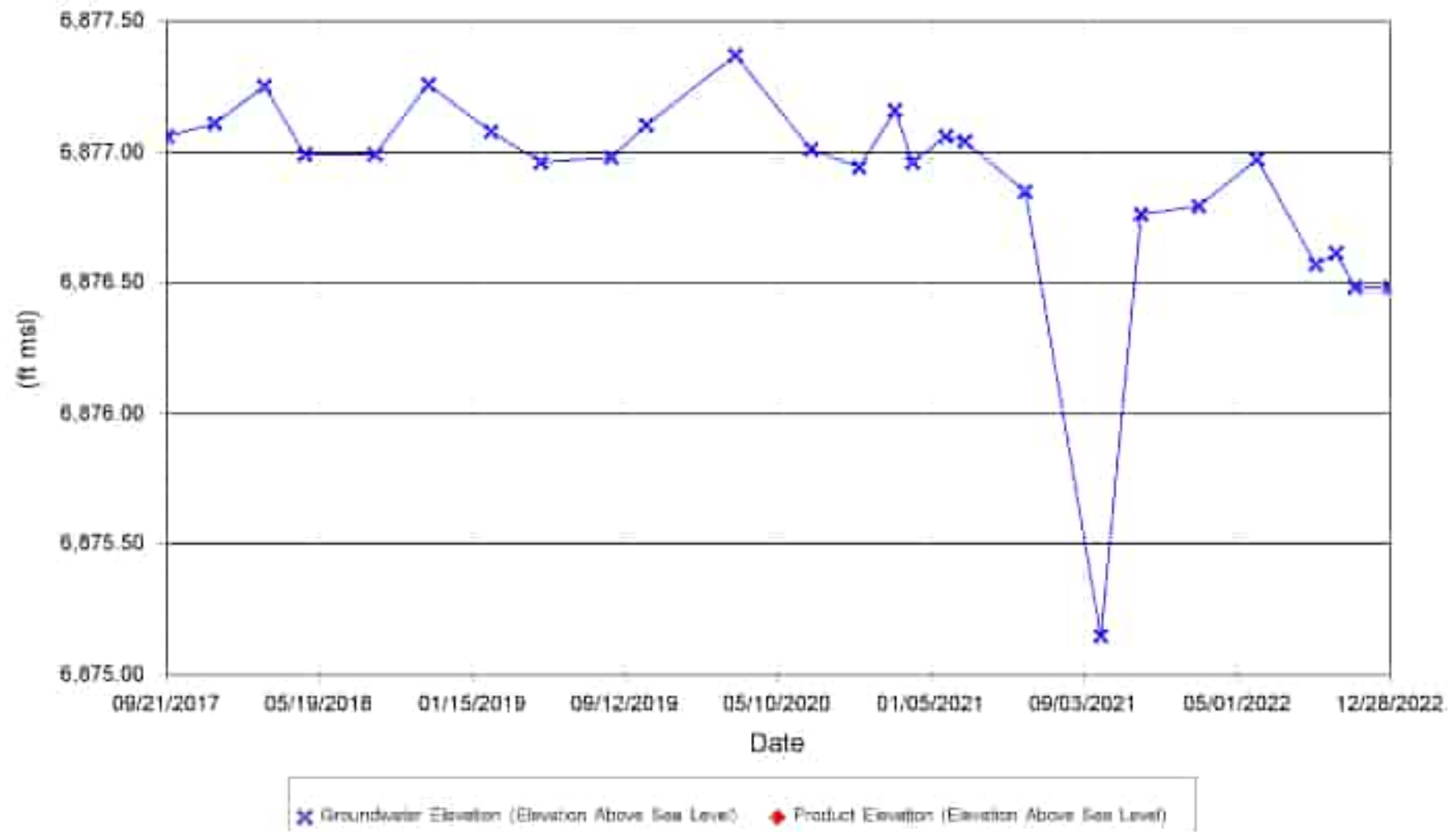
Notes:  
 SPH - Separate Phase Hydrocarbon  
 ft msl - feet above mean sea level  
 A graph with missing or no data points indicates that the well was dry during that(those) period(s)

**APPENDIX B-2B. OW-58A HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
CHINLE/ALLUVIUM AQUIFER**

Notes:  
SPH - Separate Phase Hydrocarbon  
ft msl - feet above mean sea level  
A graph with missing or no data points indicates that the well was dry during that(those) period(s)

**APPENDIX B-2B. OW-59 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
CHINLE/ALLUVIUM AQUIFER**

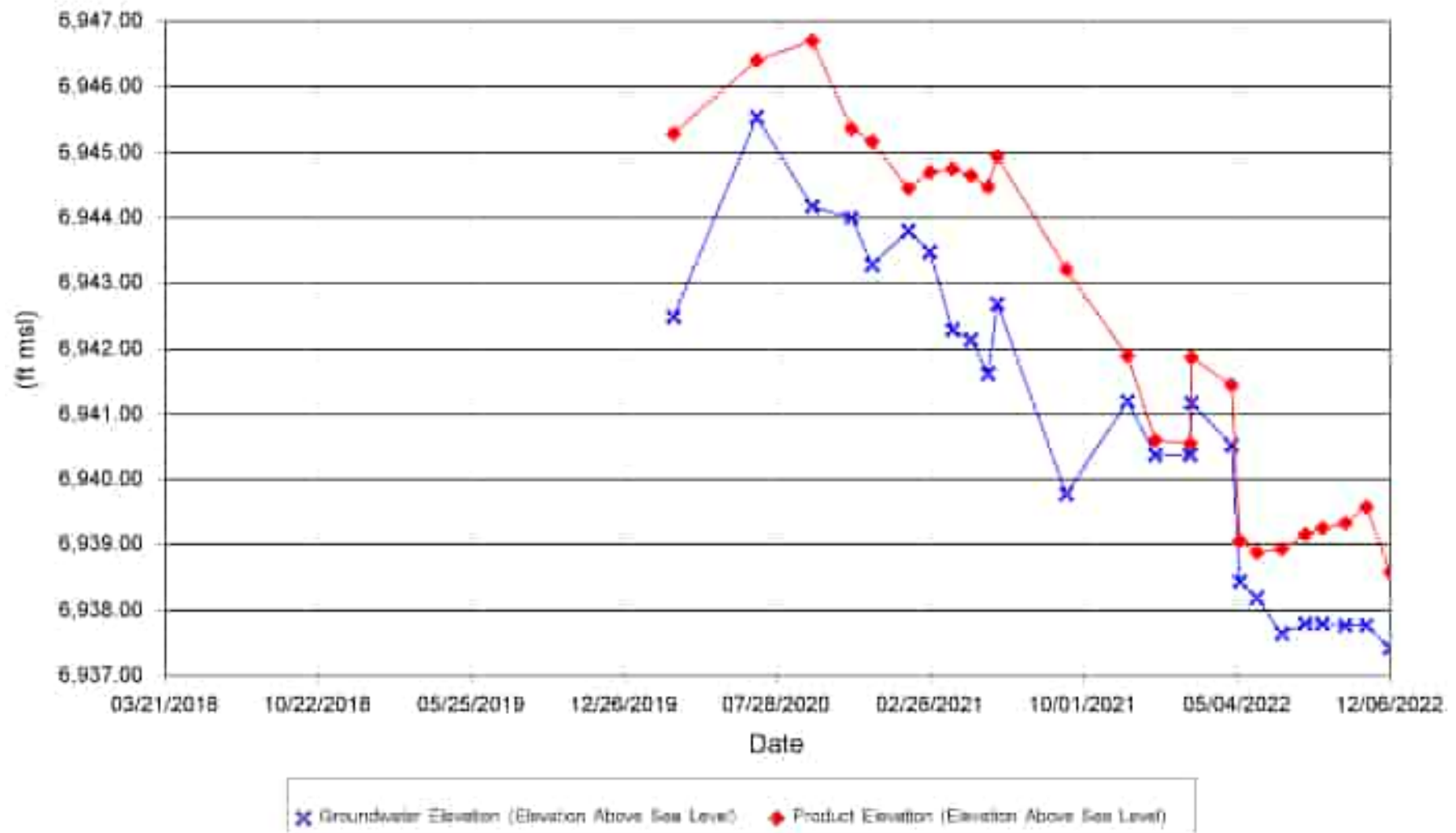
Notes:  
SPH - Separate Phase Hydrocarbon  
ft msl - feet above mean sea level  
A graph with missing or no data points indicates that the well was dry during that(those) period(s)

**APPENDIX B-2B. OW-60 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
CHINLE/ALLUVIUM AQUIFER**

Notes:  
SPH - Separate Phase Hydrocarbon  
ft msl - feet above mean sea level  
A graph with missing or no data points indicates that the well was dry during that(those) period(s)

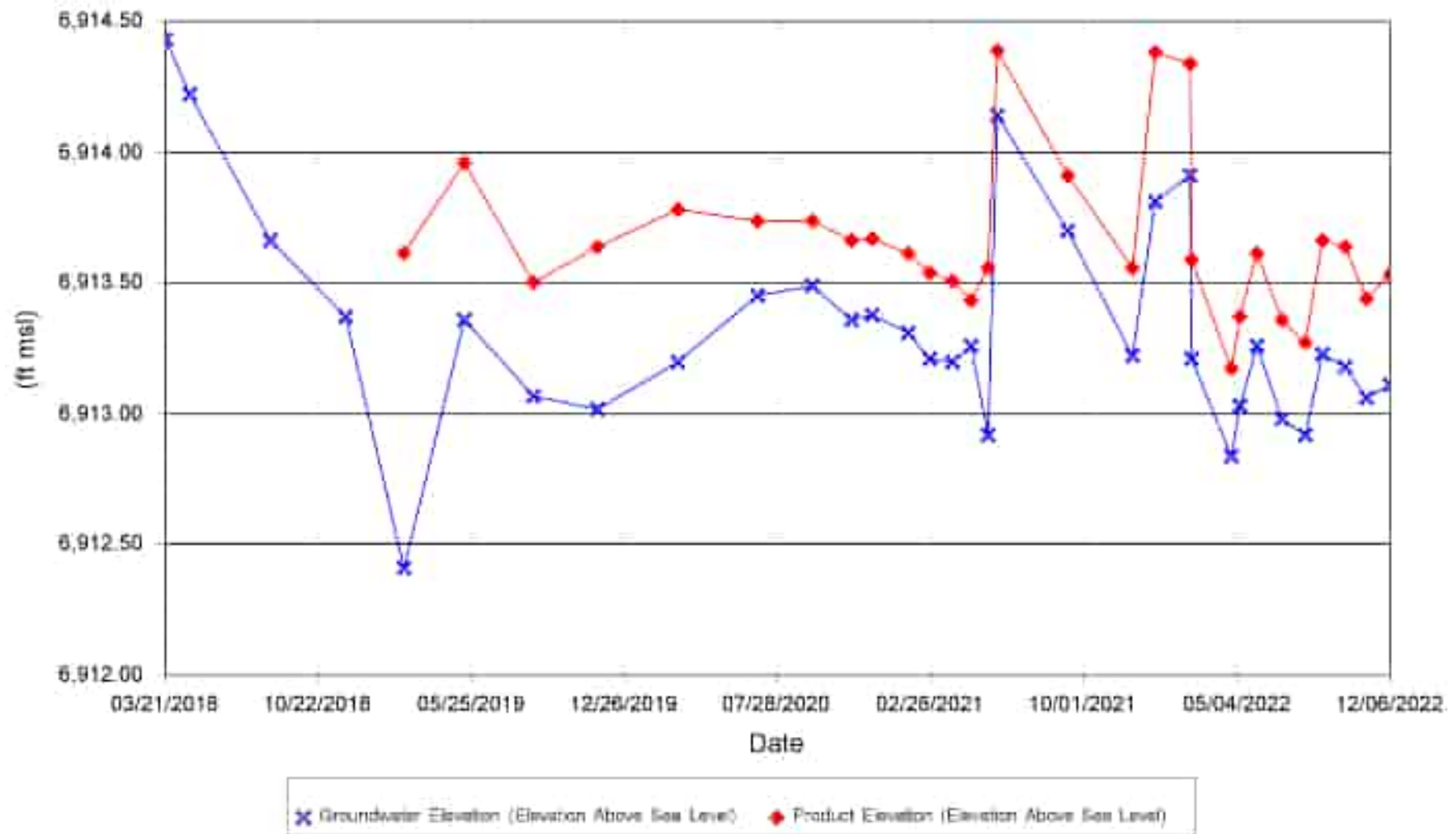


# APPENDIX B-2B. OW-61 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER

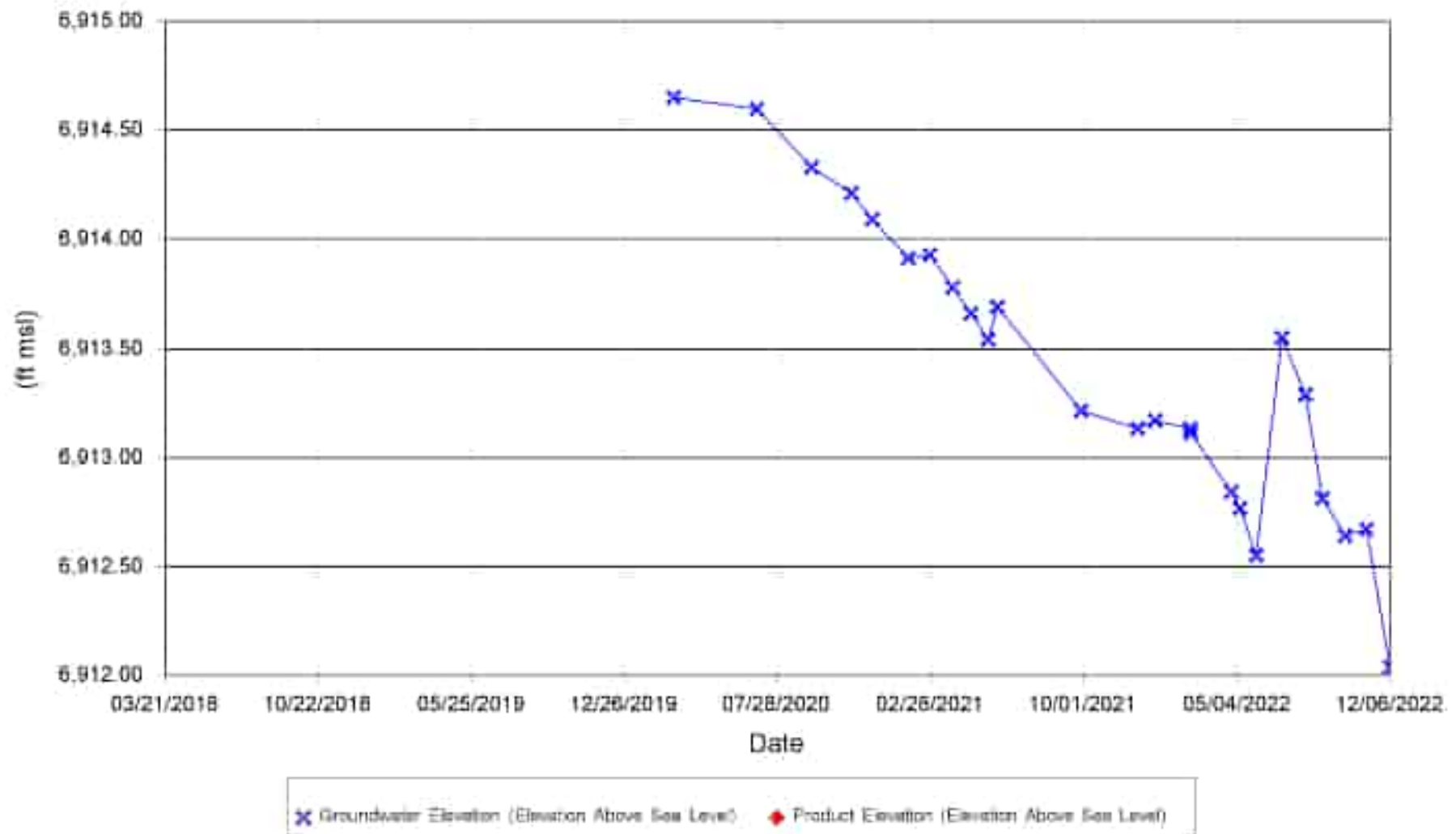


Notes:  
 SPH - Separate Phase Hydrocarbon  
 ft msl - feet above mean sea level  
 A graph with missing or no data points indicates that the well was dry during that(those) period(s)

# APPENDIX B-2B. OW-62 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER



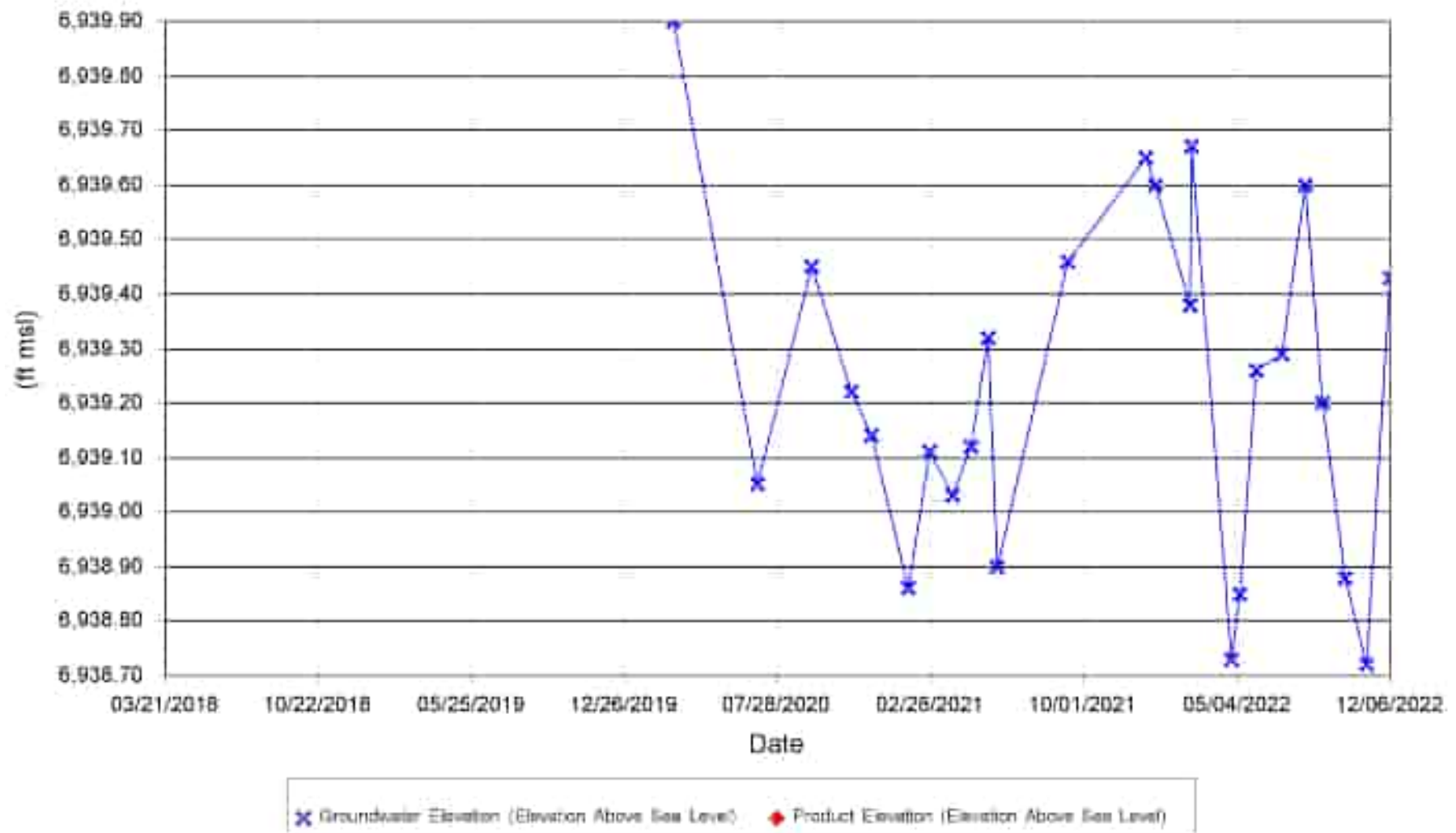
Notes:  
 SPH - Separate Phase Hydrocarbon  
 ft msl - feet above mean sea level  
 A graph with missing or no data points indicates that the well was dry during that(those) period(s)

**APPENDIX B-2B. OW-63 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
CHINLE/ALLUVIUM AQUIFER****Notes:**

SPH - Separate Phase Hydrocarbon

ft msl - feet above mean sea level

A graph with missing or no data points indicates that the well was dry during that(those) period(s)

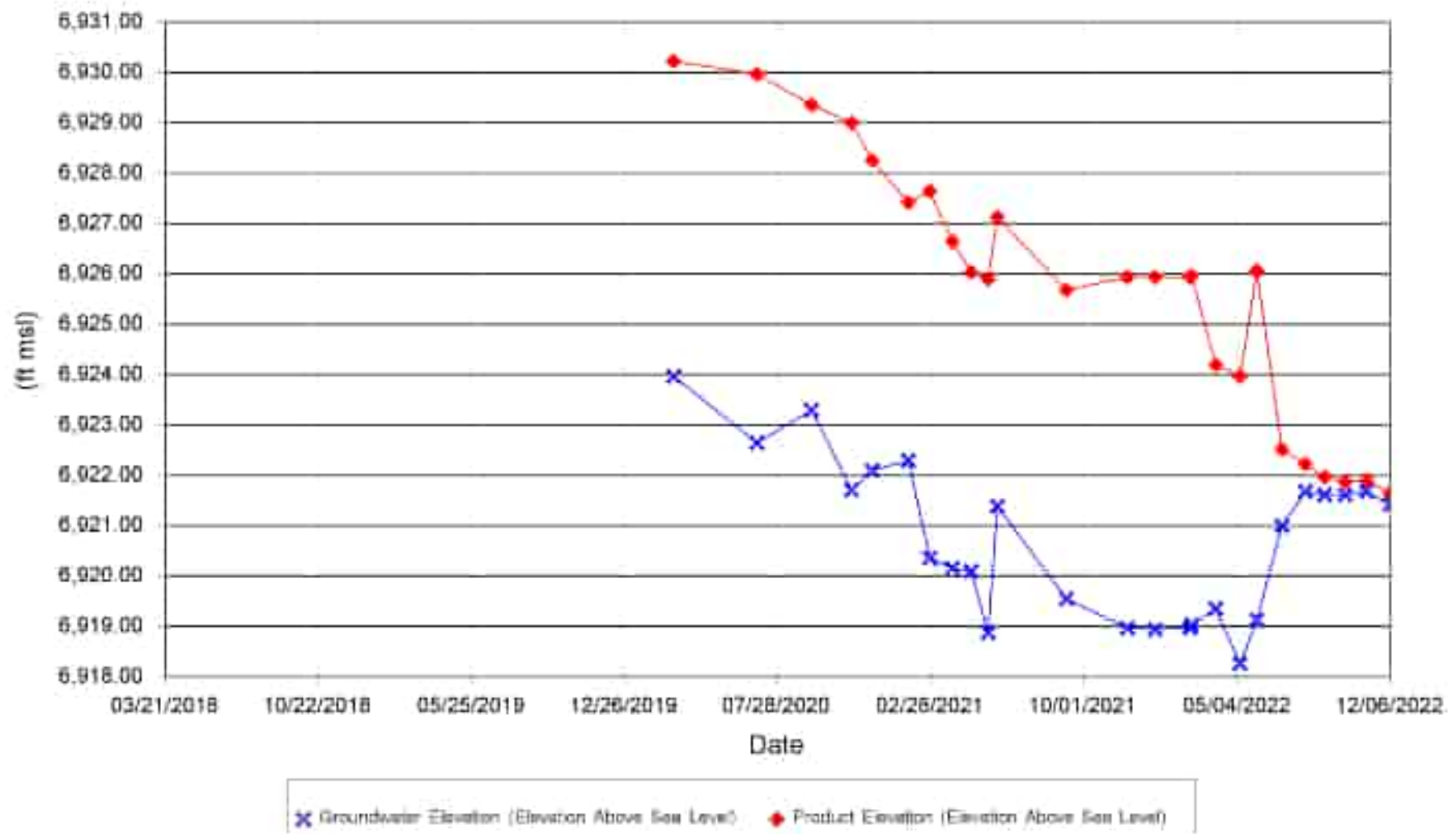
**APPENDIX B-2B. OW-64 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
CHINLE/ALLUVIUM AQUIFER****Notes:**

SPH - Separate Phase Hydrocarbon

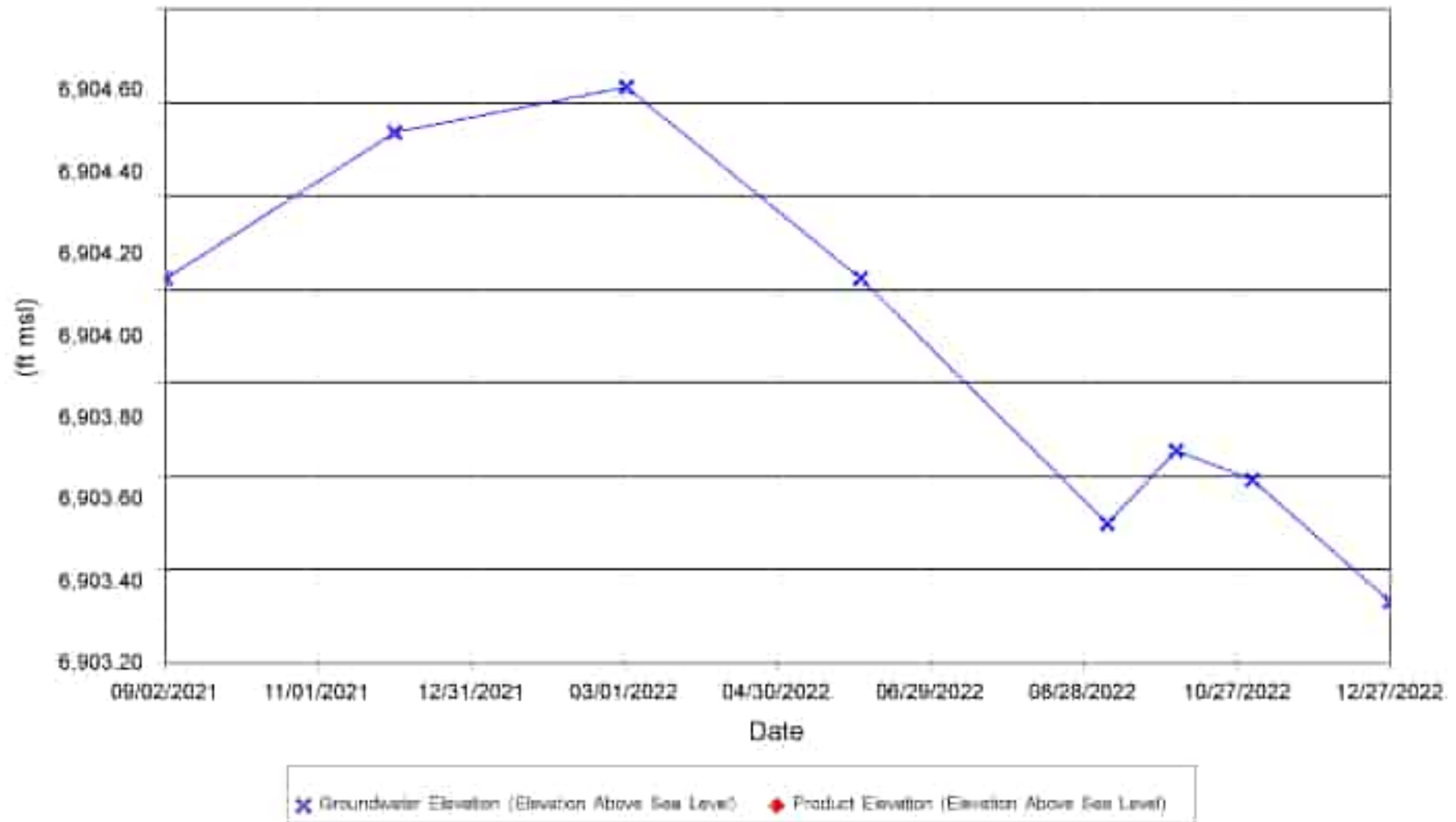
ft msl - feet above mean sea level

A graph with missing or no data points indicates that the well was dry during that(those) period(s)

# APPENDIX B-2B. OW-65 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER



Notes:  
 SPH - Separate Phase Hydrocarbon  
 ft msl - feet above mean sea level  
 A graph with missing or no data points indicates that the well was dry during that(those) period(s)

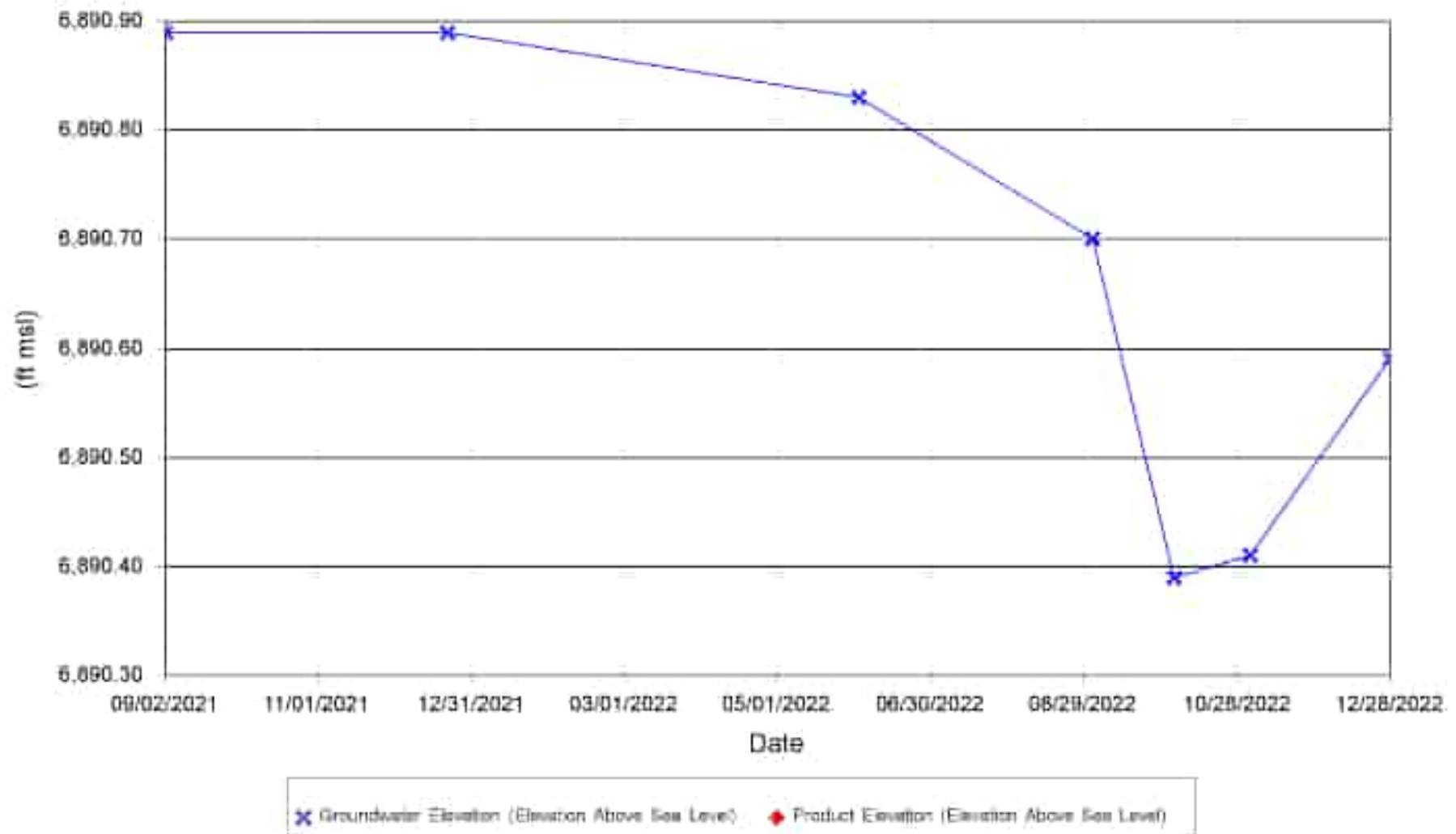
**APPENDIX B-2B. OW-66 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
CHINLE/ALLUVIUM AQUIFER****Notes:**

SPH - Separate Phase Hydrocarbon

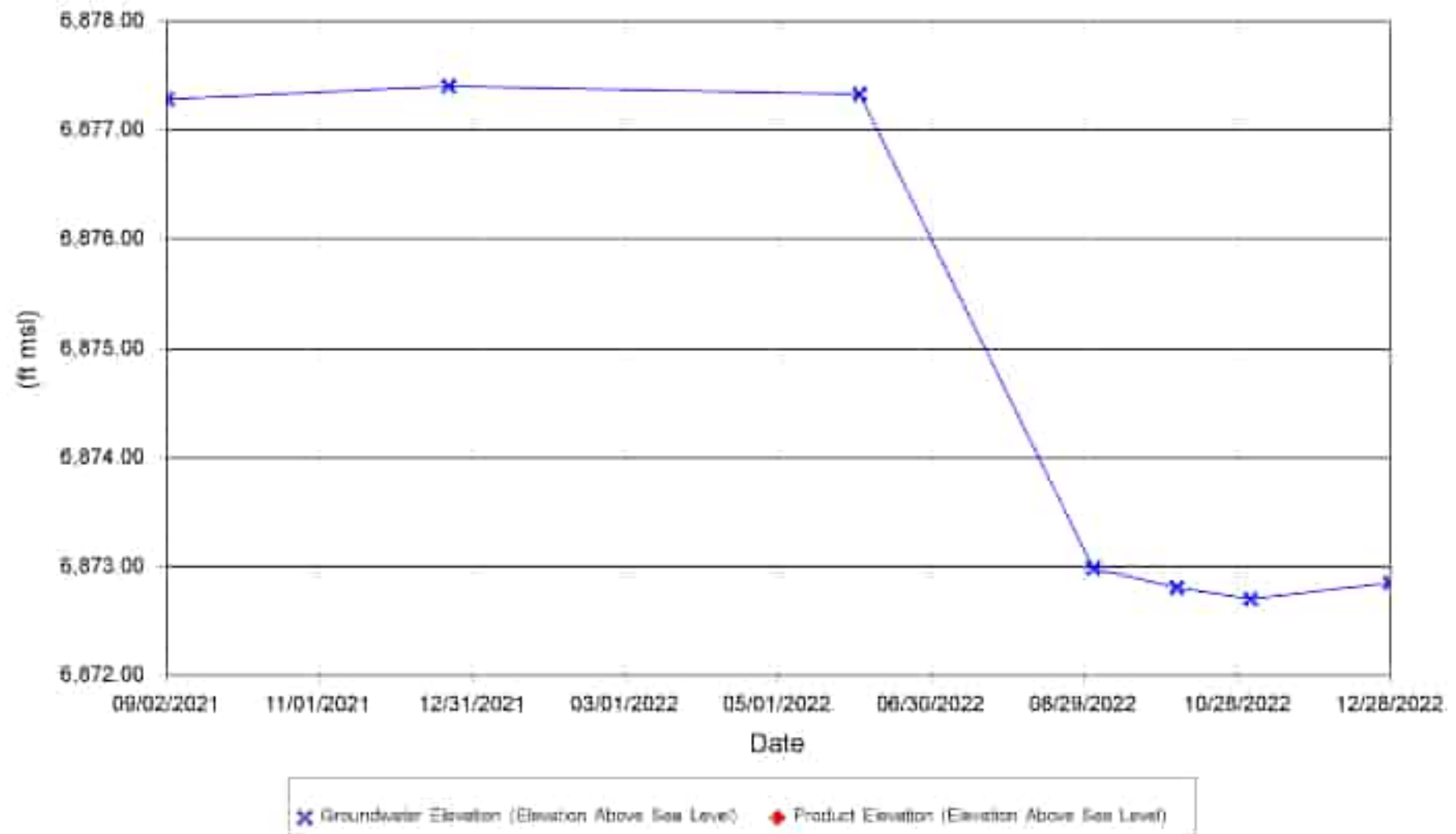
ft msl - feet above mean sea level

A graph with missing or no data points indicates that the well was dry during that(those) period(s)



**APPENDIX B-2B. OW-67 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
CHINLE/ALLUVIUM AQUIFER**

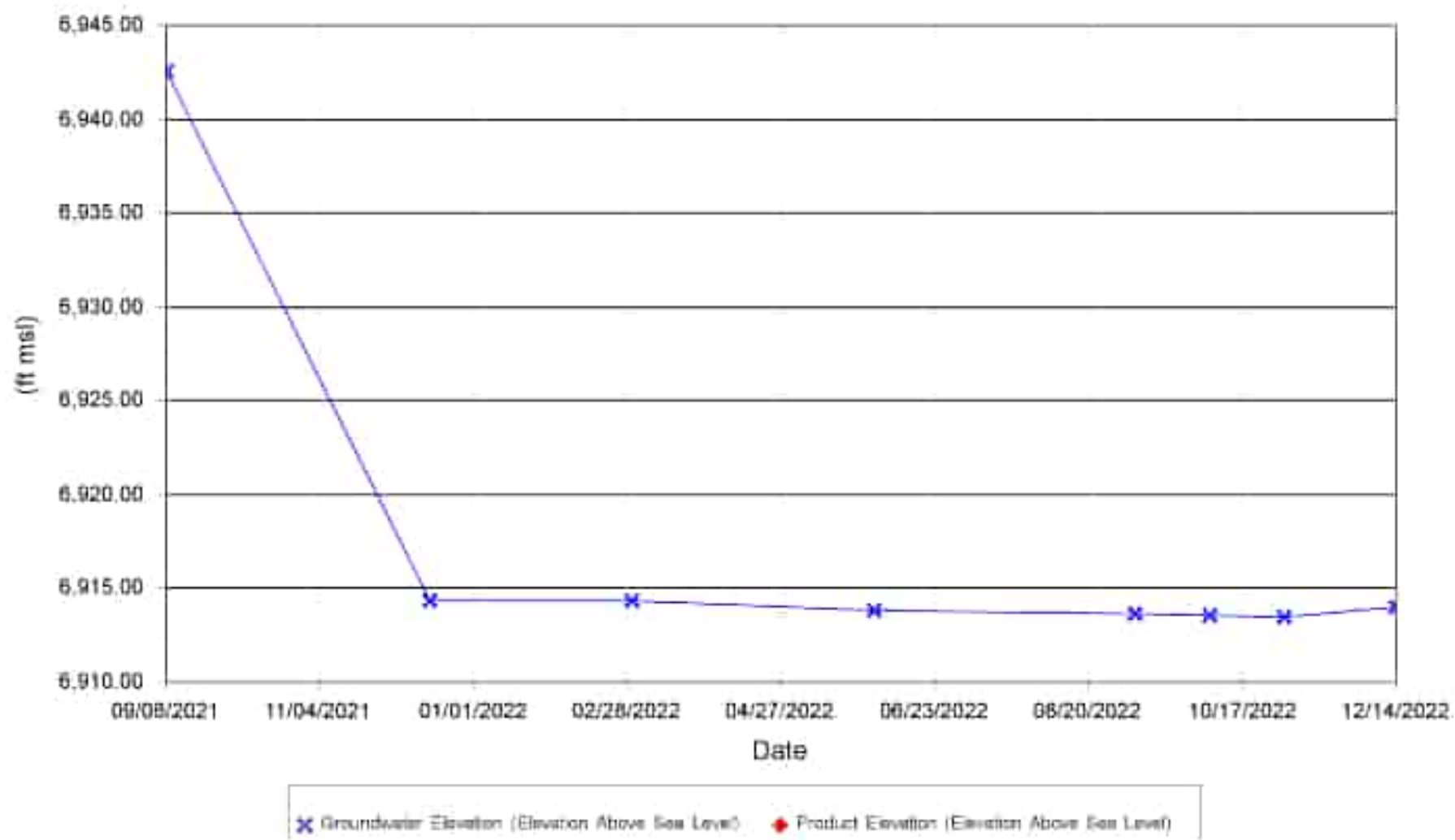
Notes:  
SPH - Separate Phase Hydrocarbon  
ft msl - feet above mean sea level  
A graph with missing or no data points indicates that the well was dry during that(those) period(s)

**APPENDIX B-2B. OW-68 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
CHINLE/ALLUVIUM AQUIFER****Notes:**

SPH - Separate Phase Hydrocarbon

ft msl - feet above mean sea level

A graph with missing or no data points indicates that the well was dry during that(those) period(s)

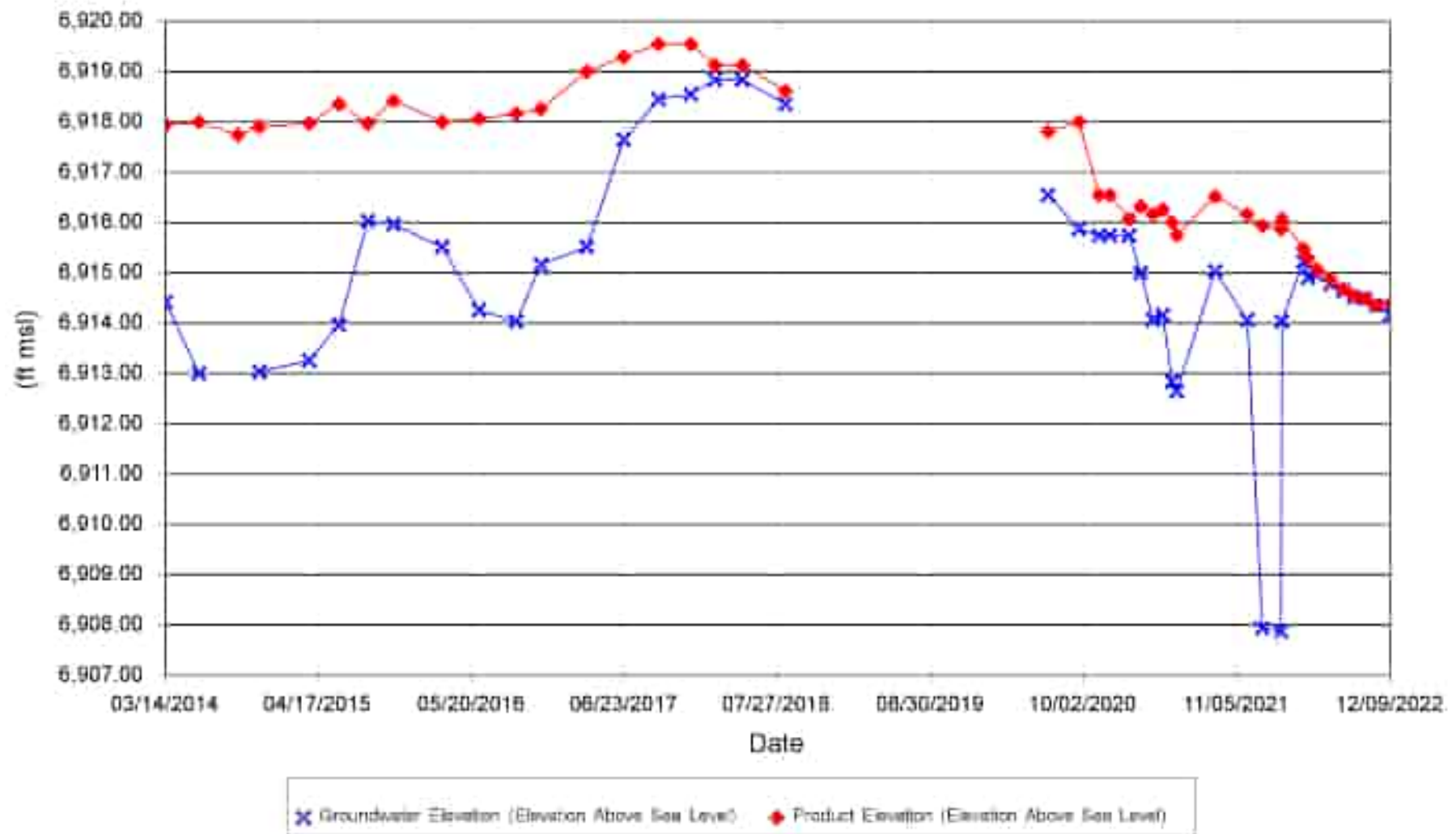
**APPENDIX B-2B. OW-70 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
CHINLE/ALLUVIUM AQUIFER****Notes:**

SPH - Separate Phase Hydrocarbon

ft msl - feet above mean sea level

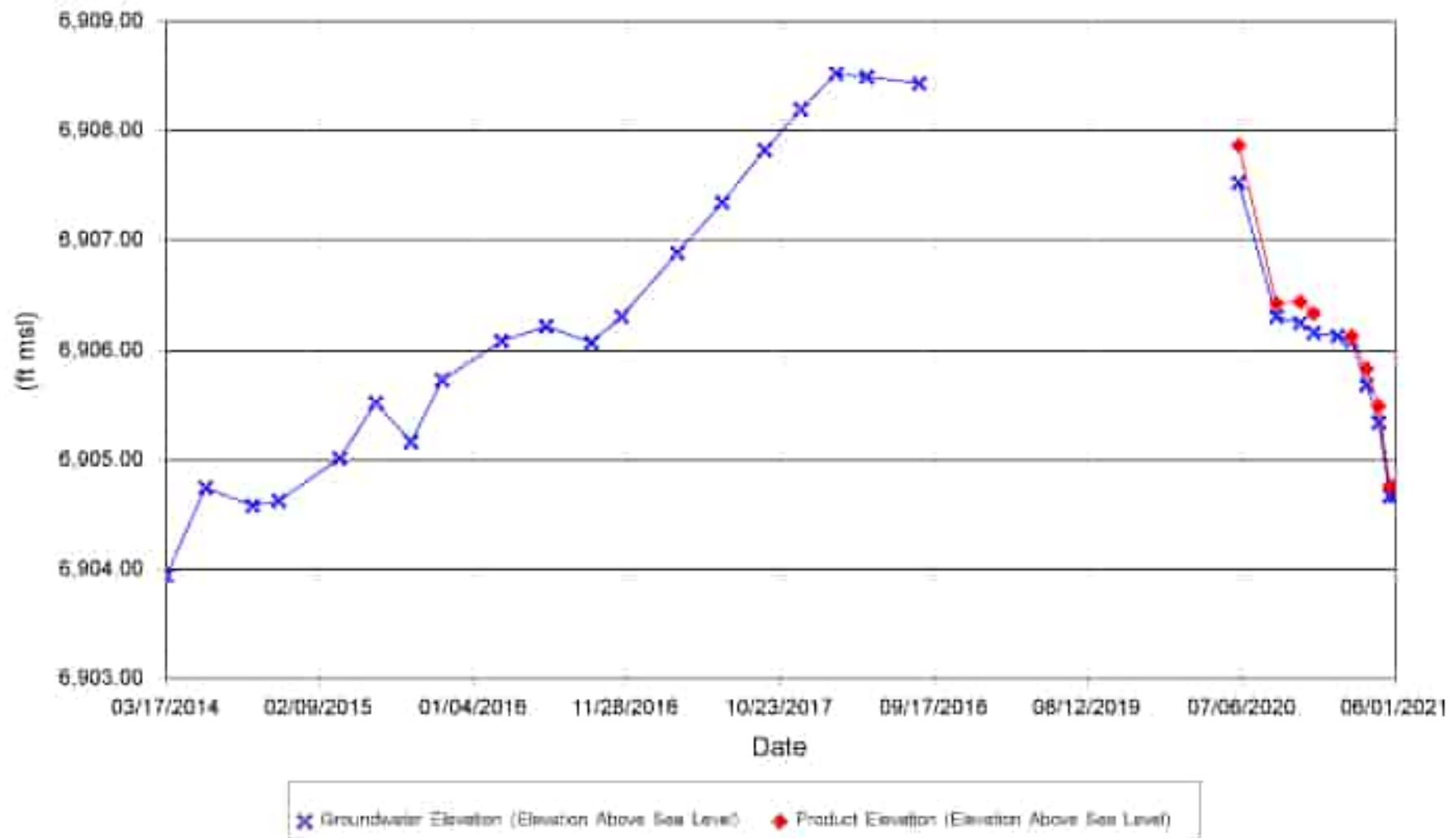
A graph with missing or no data points indicates that the well was dry during that(those) period(s)

# APPENDIX B-2B. RW-1 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER



Notes:  
 SPH - Separate Phase Hydrocarbon  
 ft msl - feet above mean sea level  
 A graph with missing or no data points indicates that the well was dry during that(those) period(s)

# APPENDIX B-2B. RW-2 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER

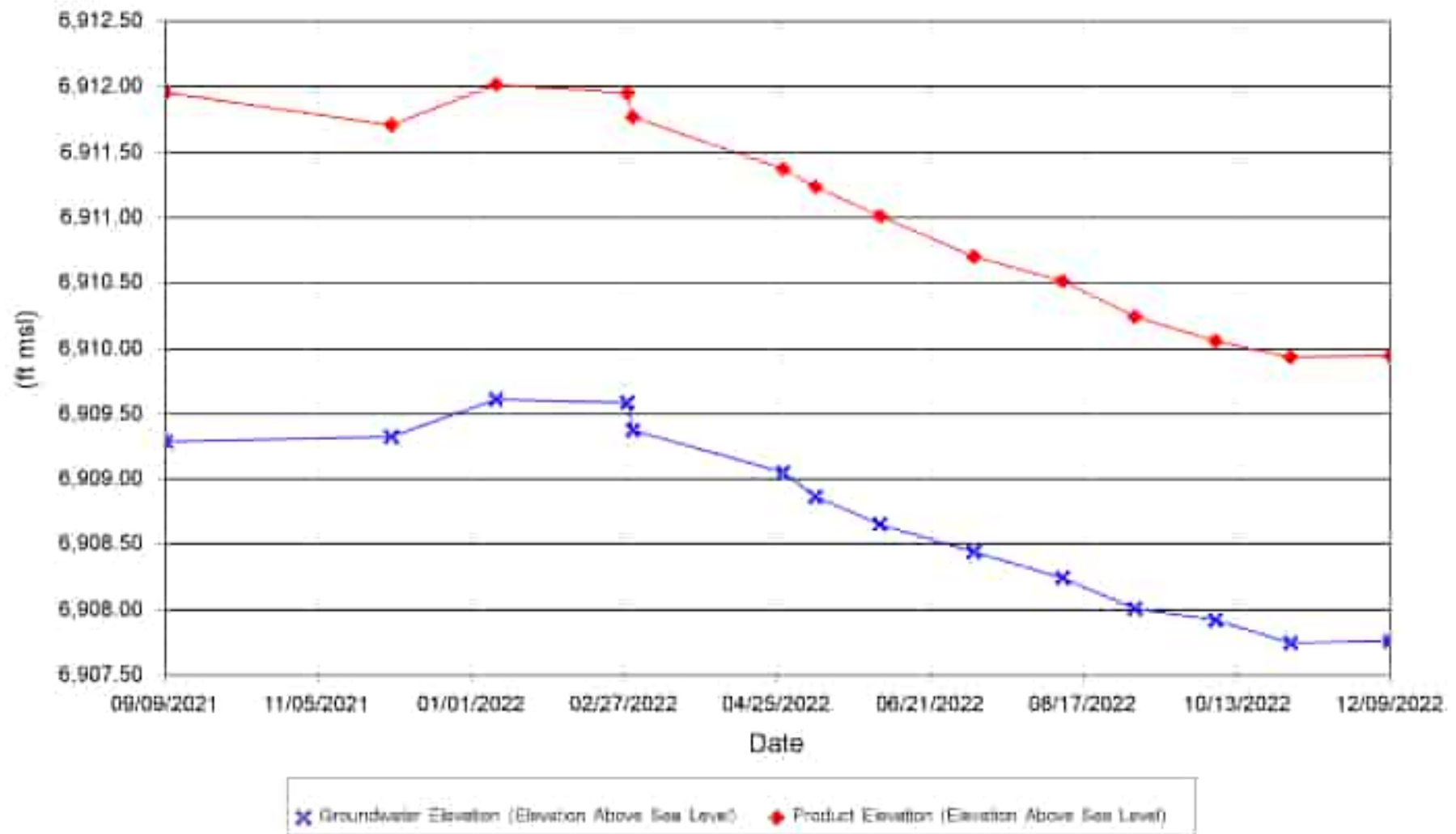


## Notes:

SPH - Separate Phase Hydrocarbon

ft msl - feet above mean sea level

A graph with missing or no data points indicates that the well was dry during that(those) period(s)

**APPENDIX B-2B. RW-2R HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
CHINLE/ALLUVIUM AQUIFER****Notes:**

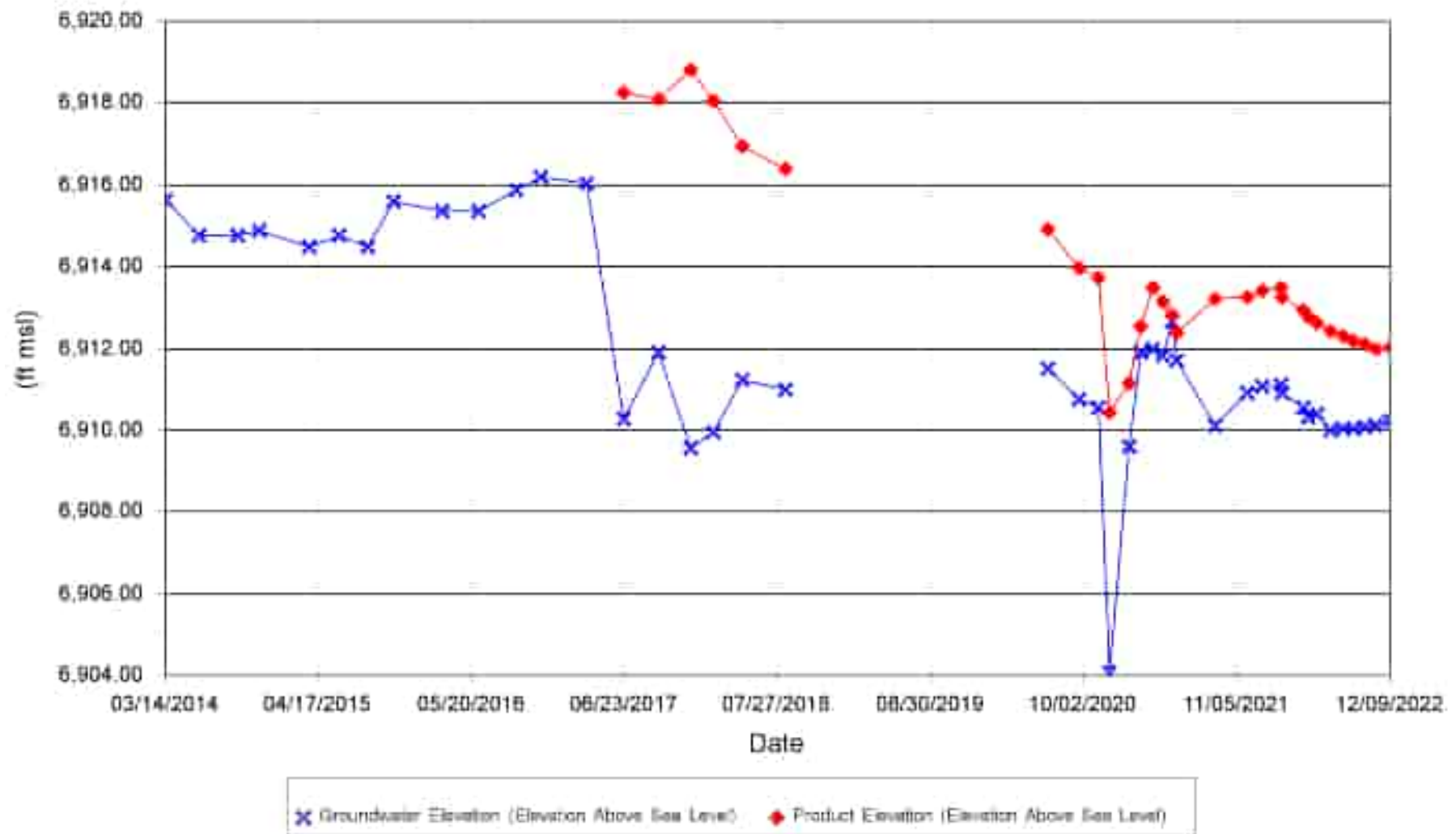
SPH - Separate Phase Hydrocarbon

ft msl - feet above mean sea level

A graph with missing or no data points indicates that the well was dry during that(those) period(s)

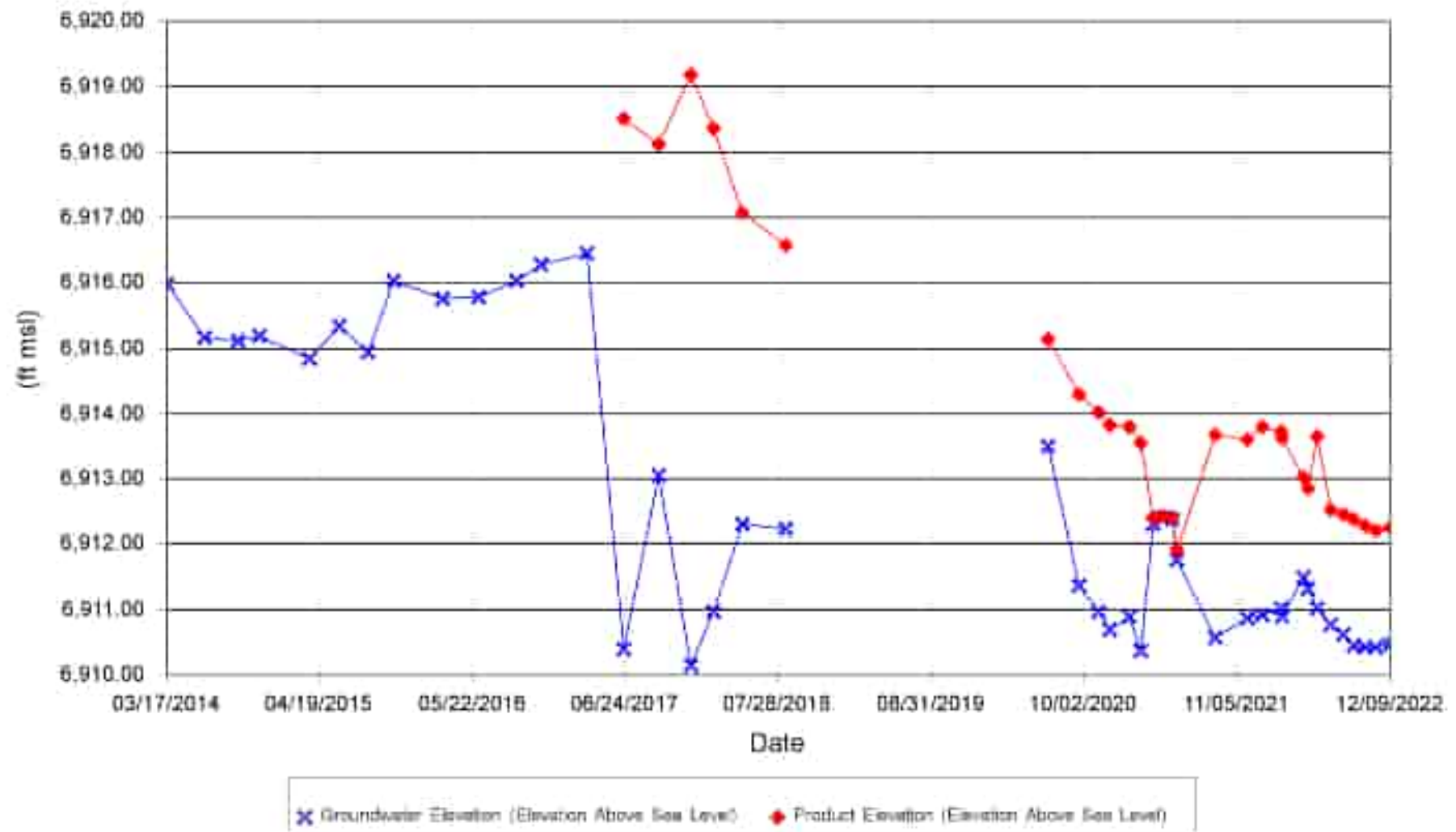


# APPENDIX B-2B. RW-5 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER

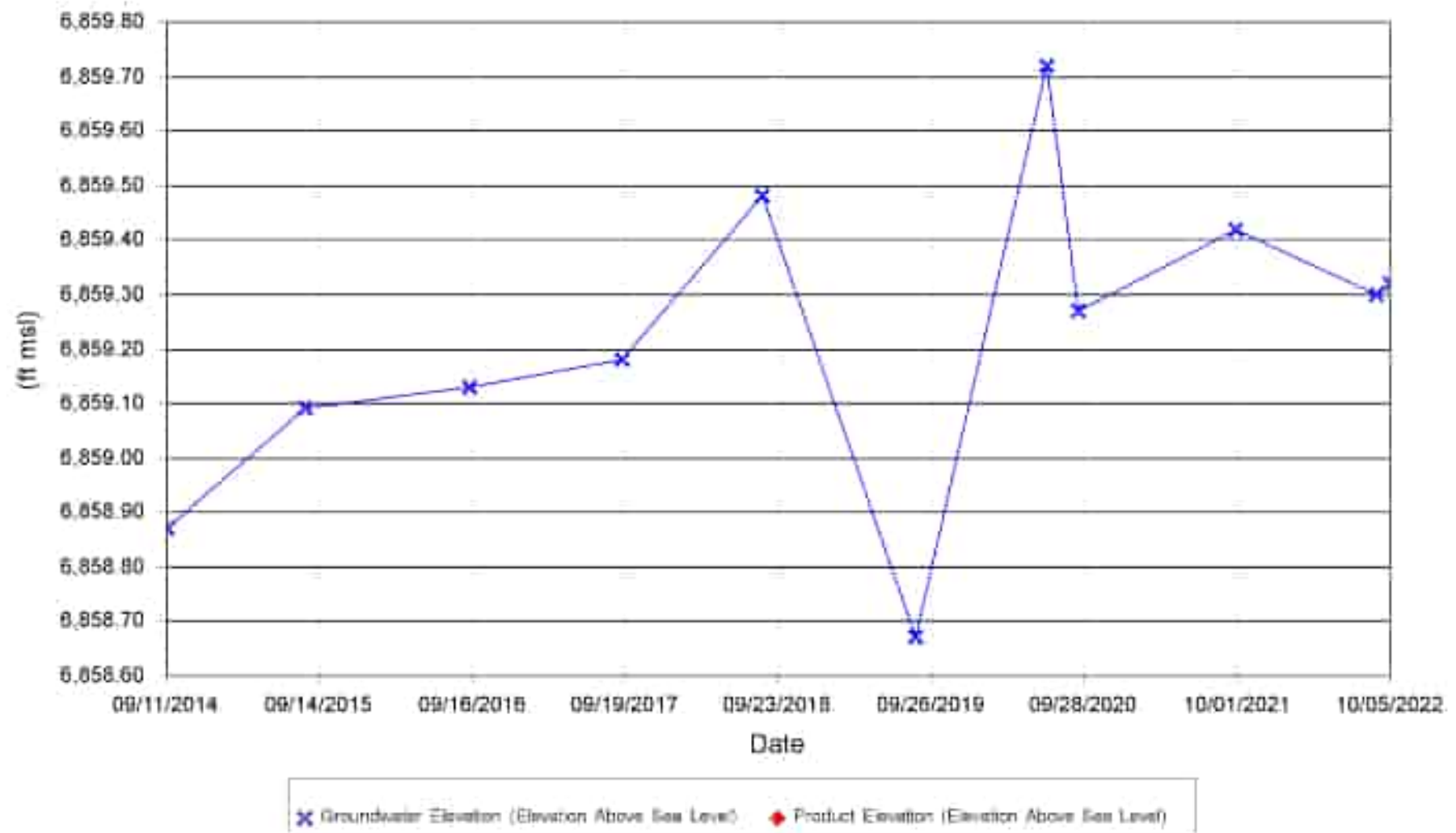


Notes:  
 SPH - Separate Phase Hydrocarbon  
 ft msl - feet above mean sea level  
 A graph with missing or no data points indicates that the well was dry during that(those) period(s)

# **APPENDIX B-2B. RW-6 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS CHINLE/ALLUVIUM AQUIFER**



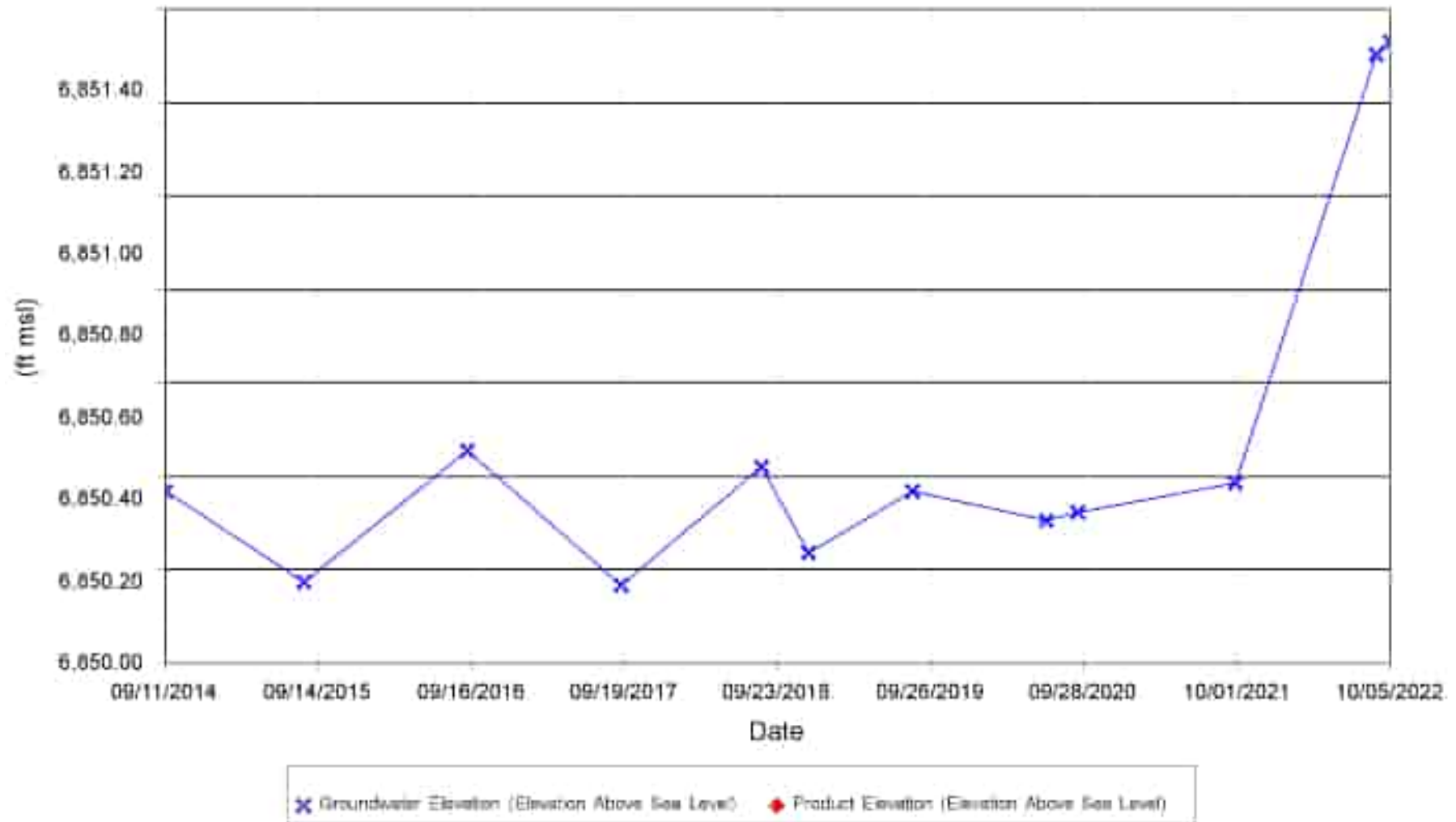
Notes:  
 SPH - Separate Phase Hydrocarbon  
 ft msl - feet above mean sea level  
 A graph with missing or no data points indicates that the well was dry during that(those) period(s)

**APPENDIX B-2B. SMW-2 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
CHINLE/ALLUVIUM AQUIFER****Notes:**

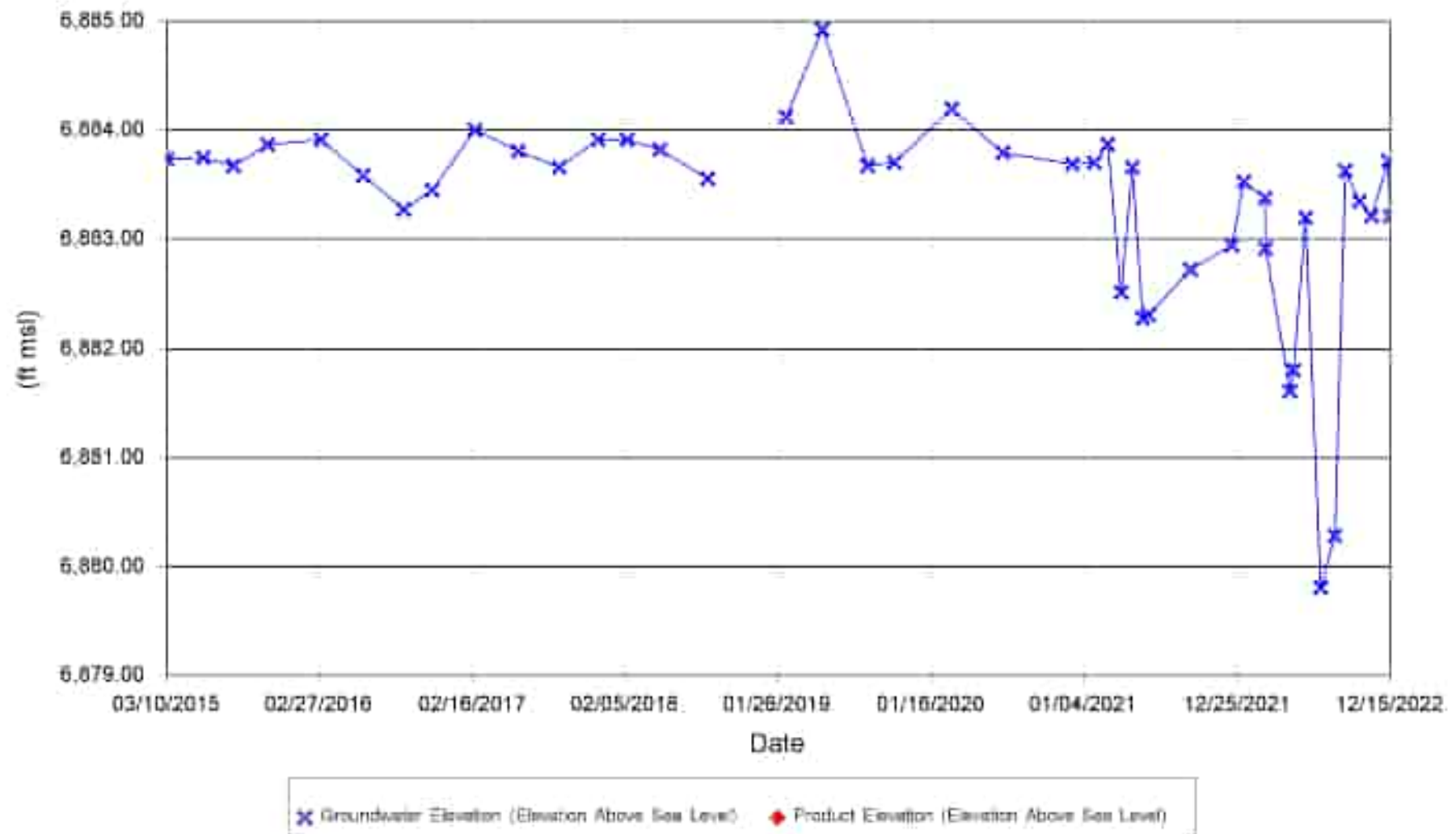
SPH - Separate Phase Hydrocarbon

ft msl - feet above mean sea level

A graph with missing or no data points indicates that the well was dry during that(those) period(s)

**APPENDIX B-2B. SMW-4 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
CHINLE/ALLUVIUM AQUIFER**

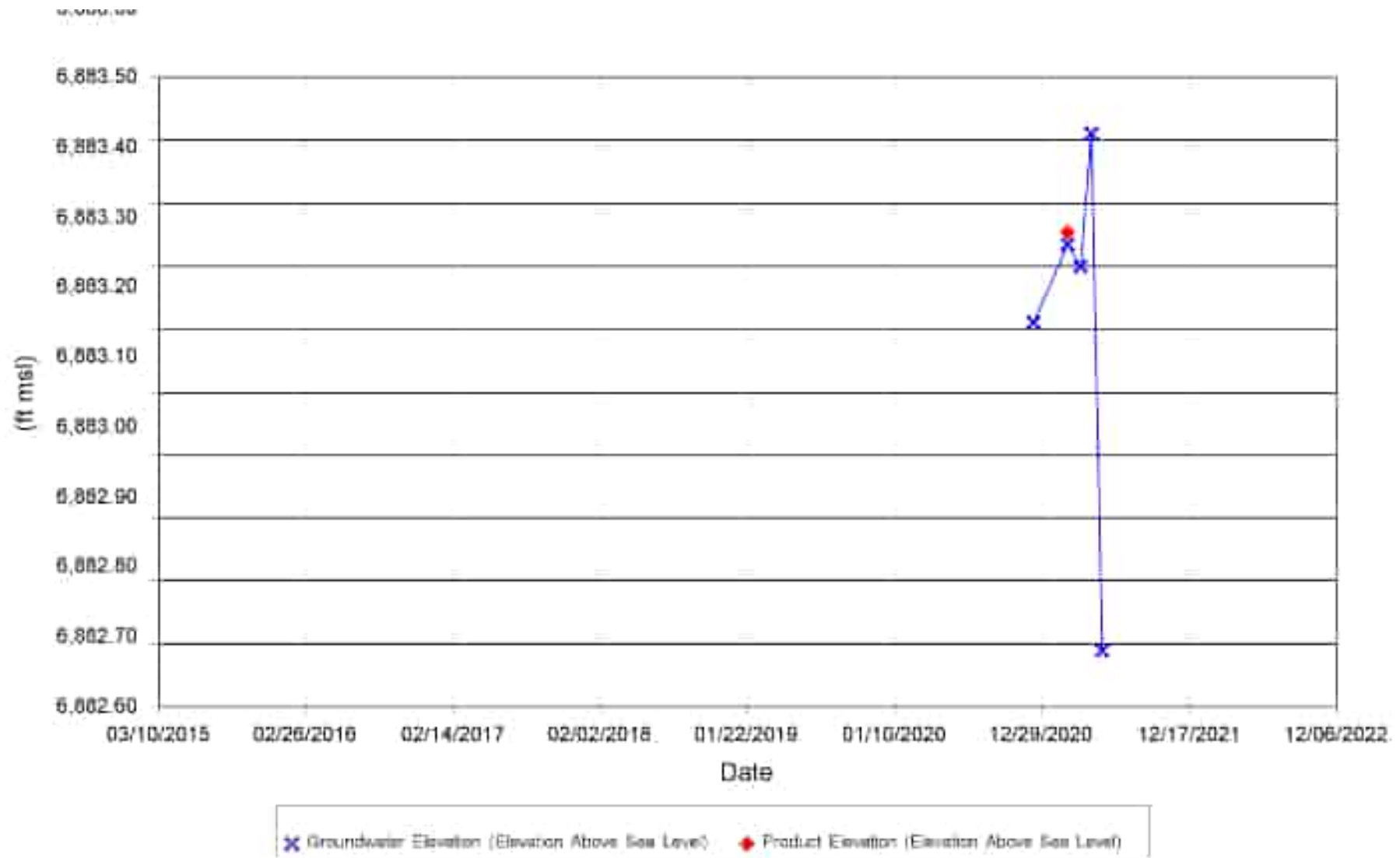
Notes:  
SPH - Separate Phase Hydrocarbon  
ft msl - feet above mean sea level  
A graph with missing or no data points indicates that the well was dry during that(those) period(s)

**APPENDIX B-2B. STP1-NW HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
CHINLE/ALLUVIUM AQUIFER****Notes:**

SPH - Separate Phase Hydrocarbon

ft msl - feet above mean sea level

A graph with missing or no data points indicates that the well was dry during that(those) period(s)

**APPENDIX B-2B. STP1-SW HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
CHINLE/ALLUVIUM AQUIFER****Notes:**

SPH - Separate Phase Hydrocarbon

ft msl - feet above mean sea level

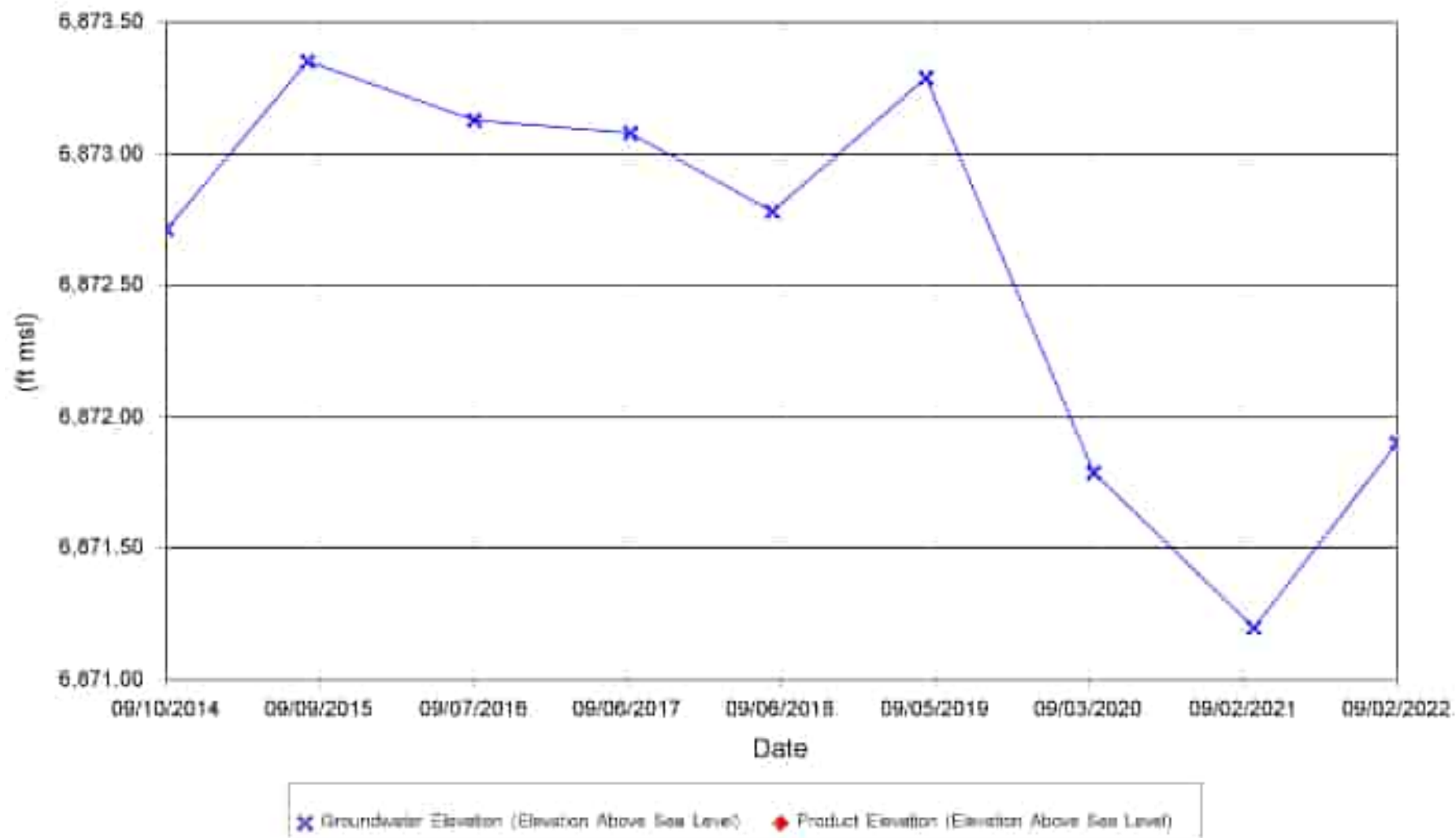
A graph with missing or no data points indicates that the well was dry during that(those) period(s)



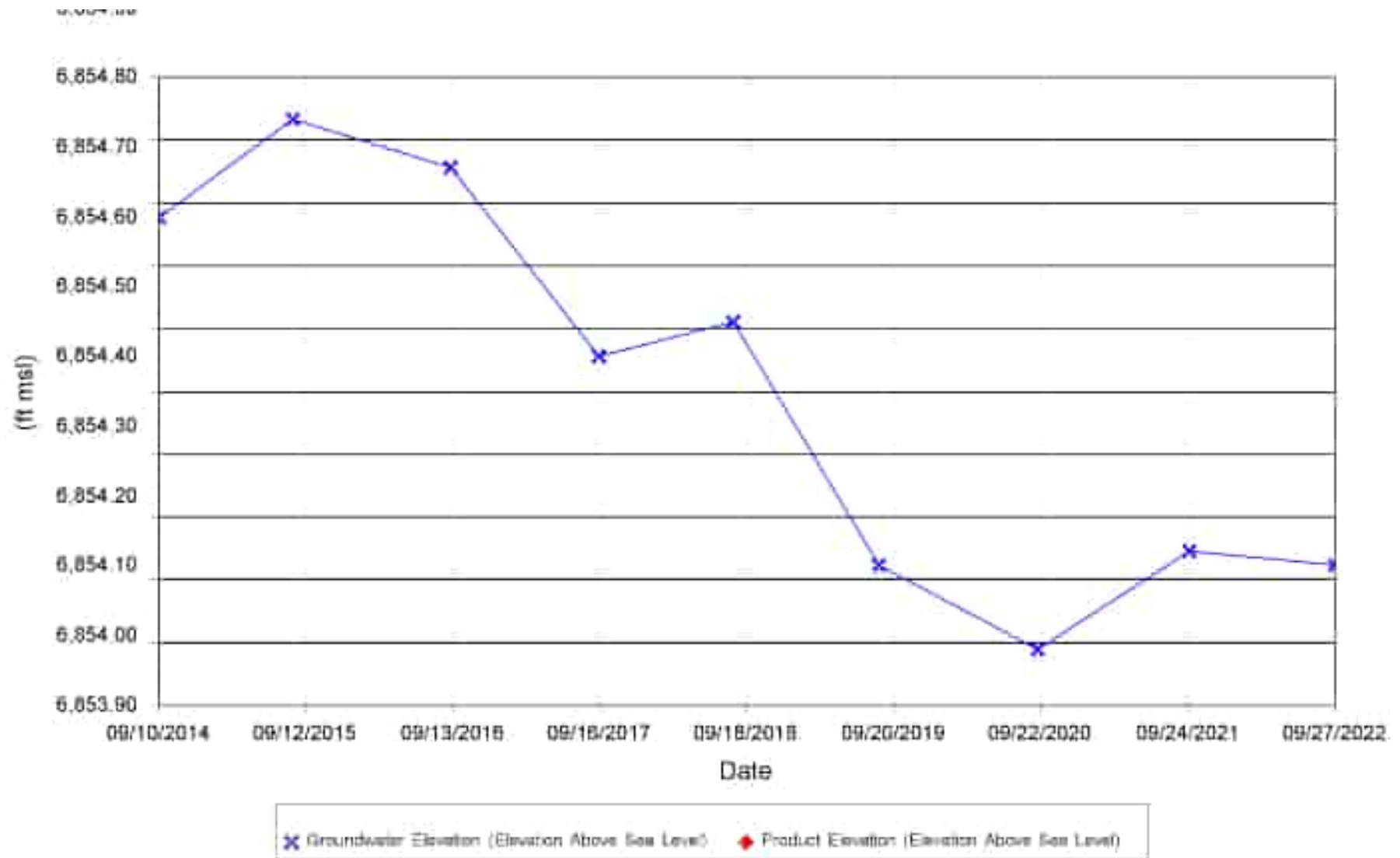


Western Refining Southwest LLC  
D/B/A Marathon Gallup Refinery  
2022 Annual Groundwater Monitoring Report

## **Appendix B-2C. Historical Groundwater Elevations and SPH Thicknesses – Sonsela Aquifer**

**APPENDIX B-2C. BW-1C HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
SONSELA AQUIFER**

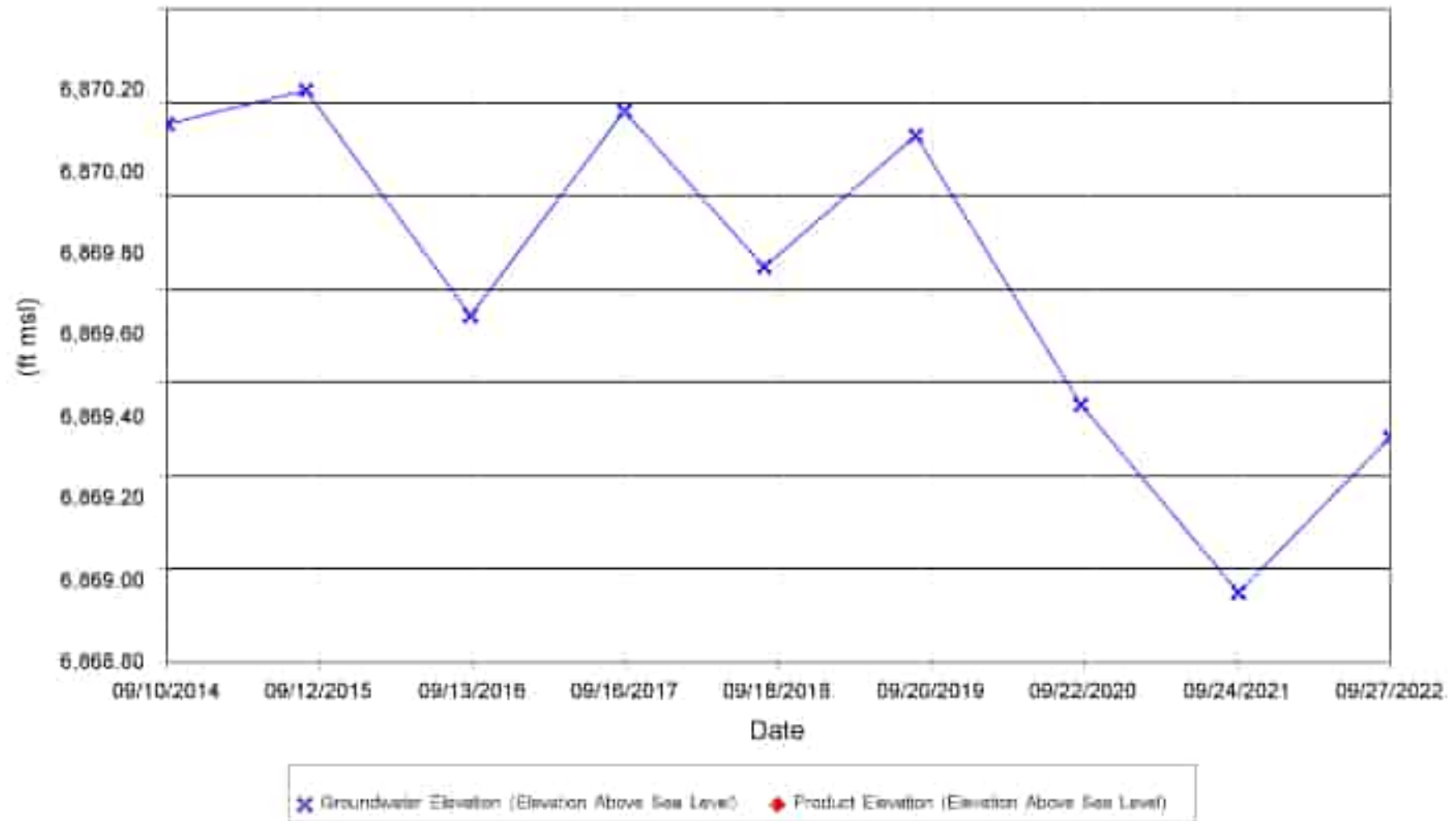
Notes:  
SPH - Separate Phase Hydrocarbon  
ft msl - feet above mean sea level  
A graph with missing or no data points indicates that the well was dry during that(those) period(s)

**APPENDIX B-2C. BW-2C HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
SONSELA AQUIFER****Notes:**

SPH - Separate Phase Hydrocarbon

ft msl - feet above mean sea level

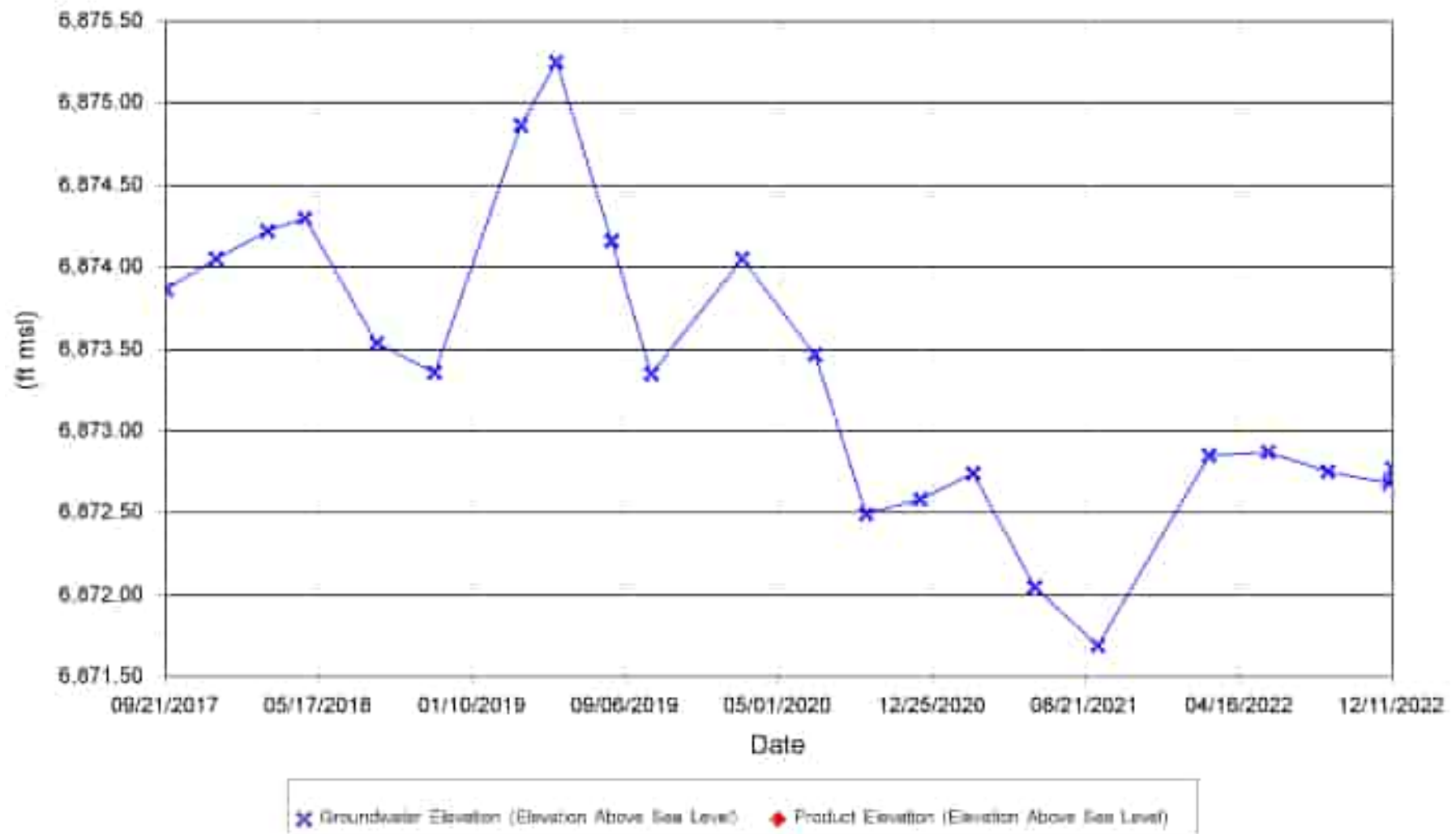
A graph with missing or no data points indicates that the well was dry during that(those) period(s)

**APPENDIX B-2C. BW-3C HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
SONSELA AQUIFER****Notes:**

SPH - Separate Phase Hydrocarbon

ft msl - feet above mean sea level

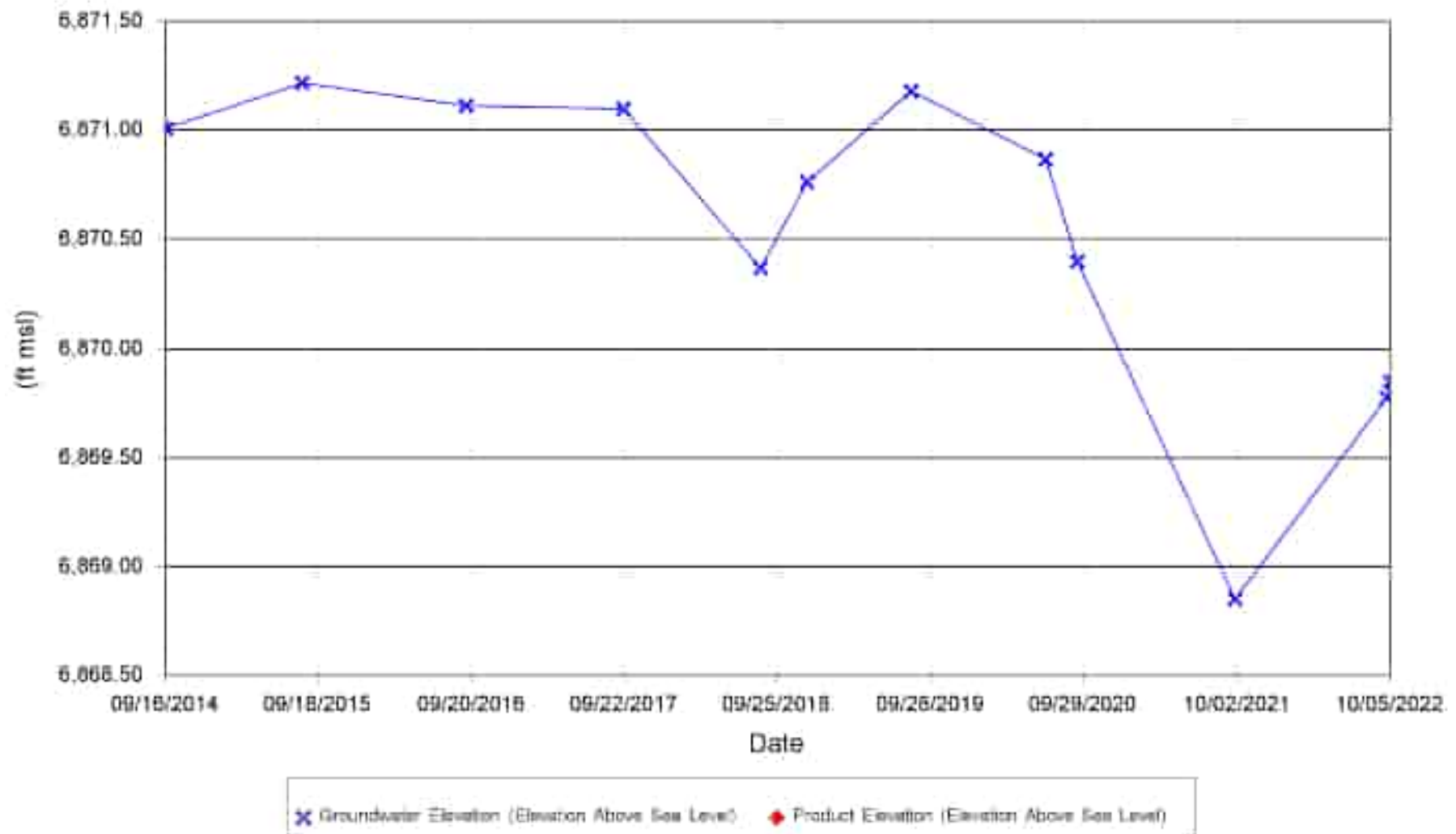
A graph with missing or no data points indicates that the well was dry during that(those) period(s)

**APPENDIX B-2C. BW-5C HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
SONSELA AQUIFER****Notes:**

SPH - Separate Phase Hydrocarbon

ft msl - feet above mean sea level

A graph with missing or no data points indicates that the well was dry during that(those) period(s)

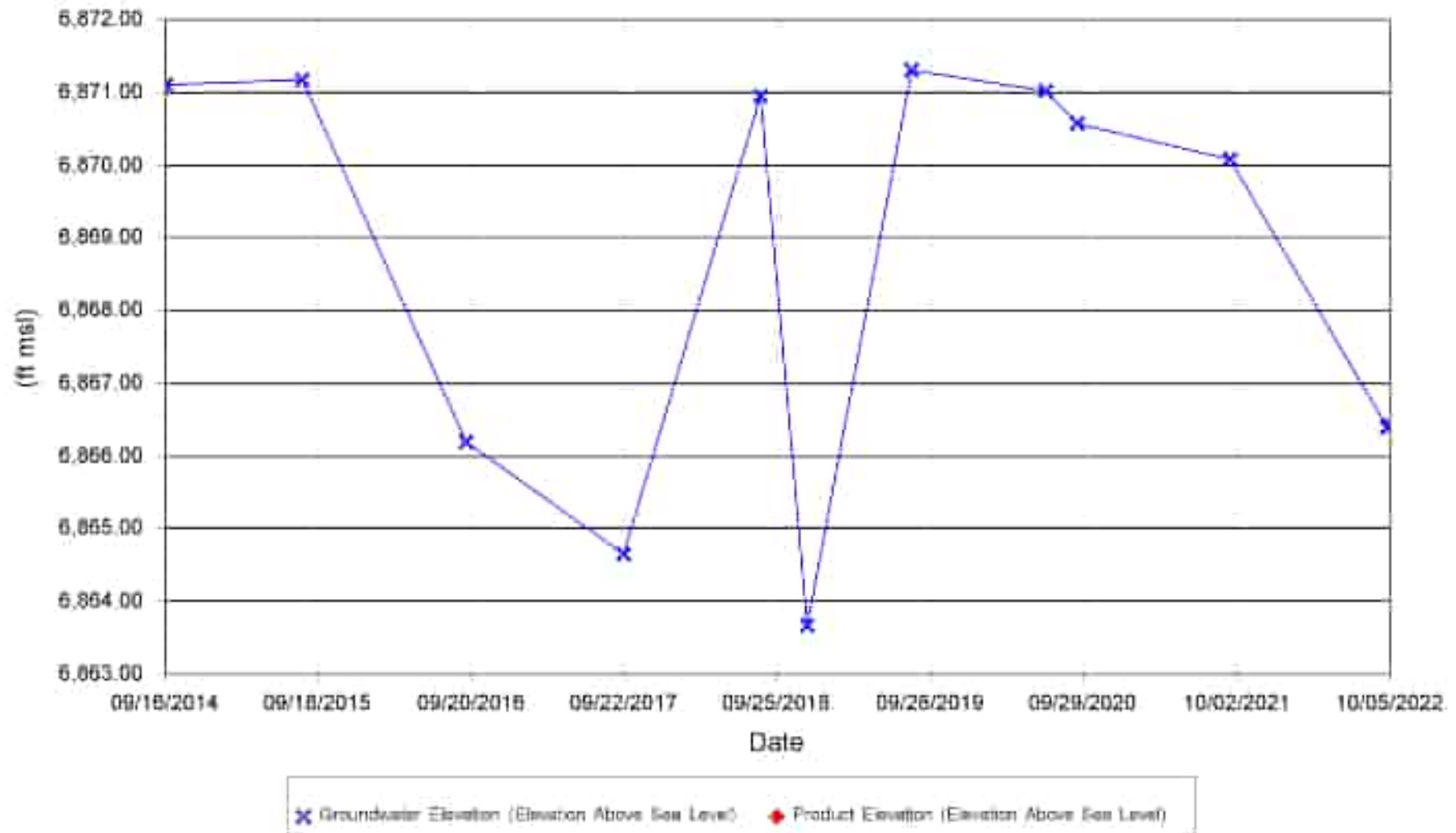
**APPENDIX B-2C. MW-1 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
SONSELA AQUIFER****Notes:**

SPH - Separate Phase Hydrocarbon

ft msl - feet above mean sea level

A graph with missing or no data points indicates that the well was dry during that(those) period(s)

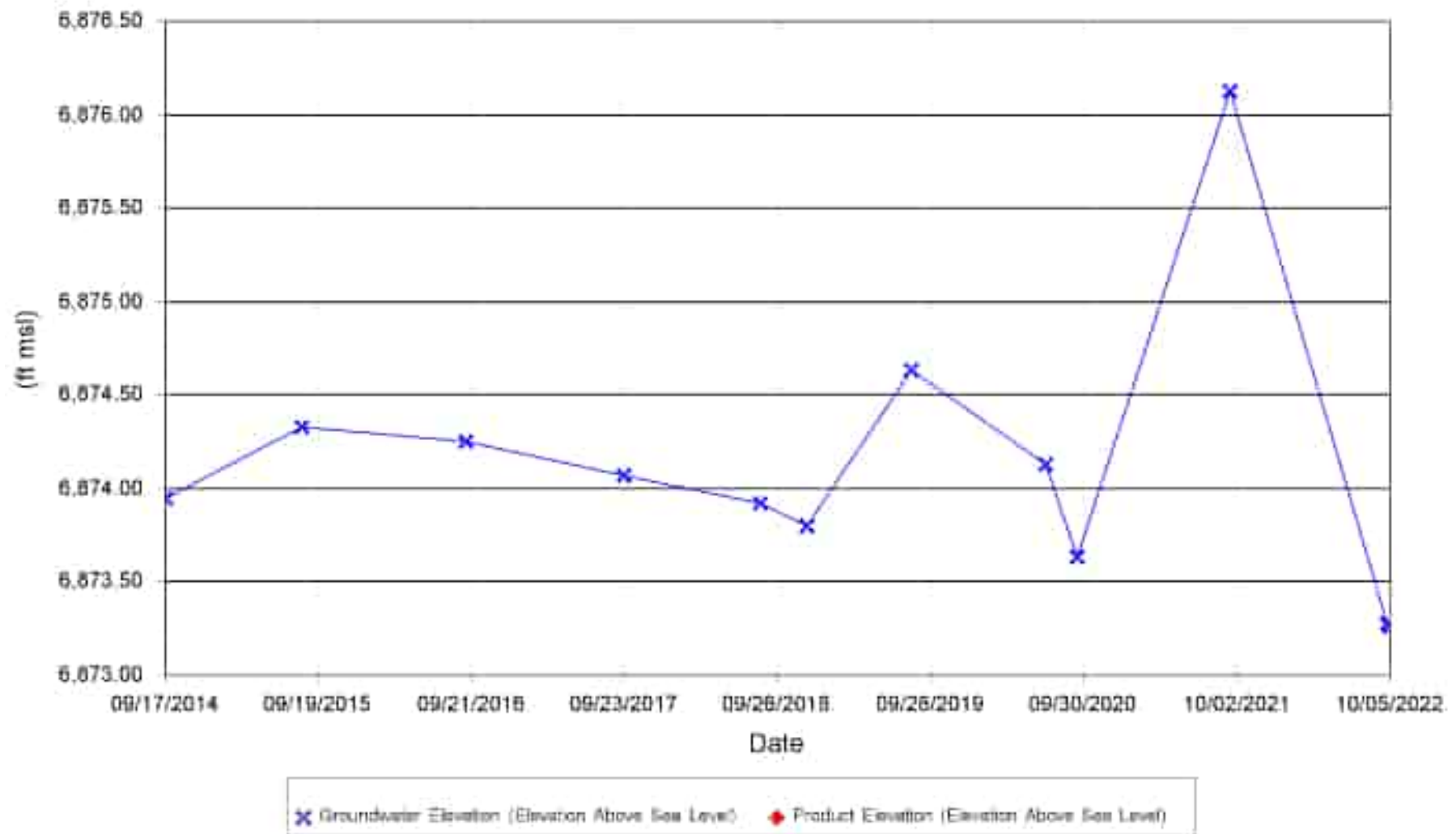


**APPENDIX B-2C. MW-2 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
SONSELA AQUIFER****Notes:**

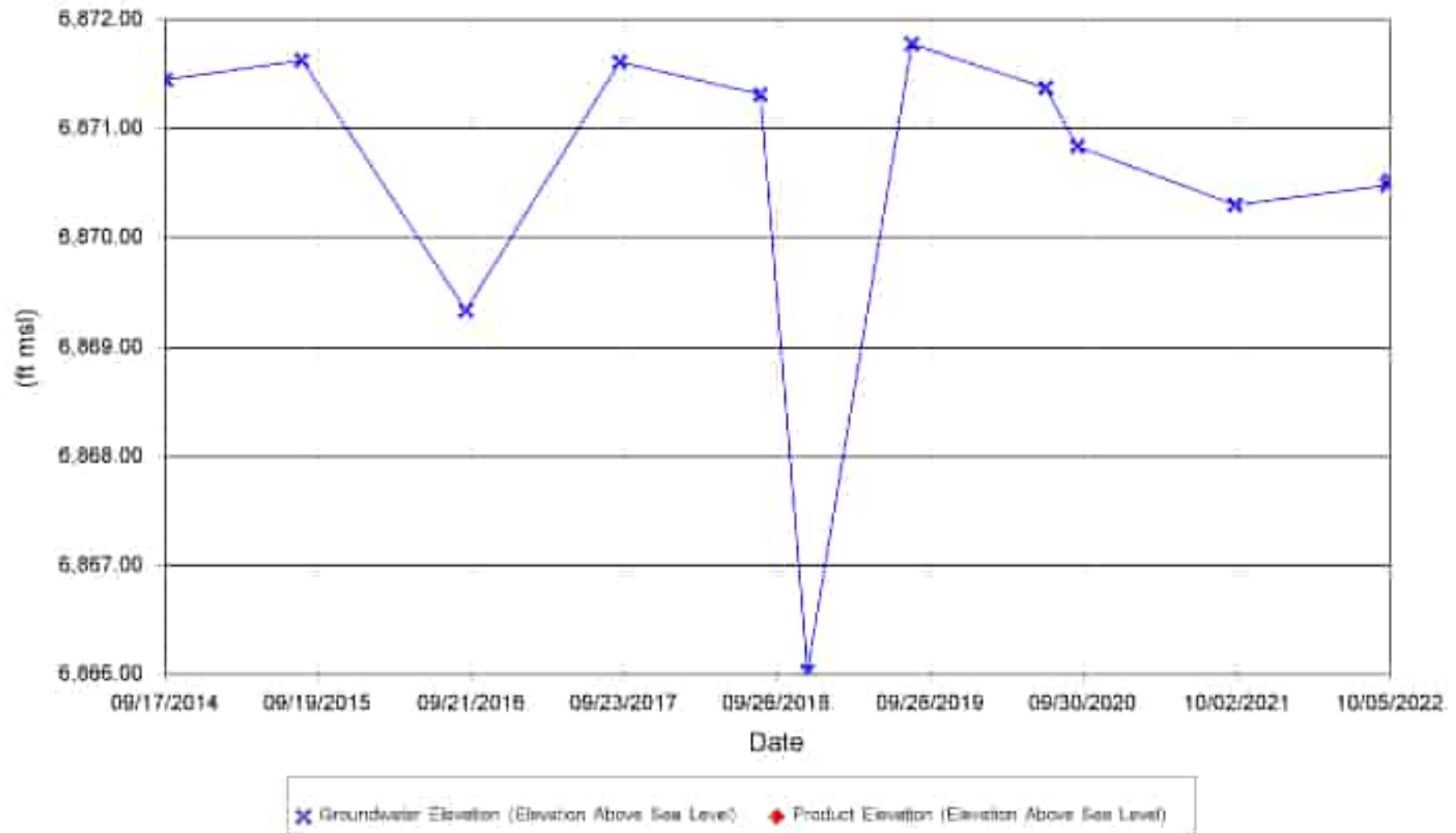
SPH - Separate Phase Hydrocarbon

ft msl - feet above mean sea level

A graph with missing or no data points indicates that the well was dry during that(those) period(s)

**APPENDIX B-2C. MW-4 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
SONSELA AQUIFER**

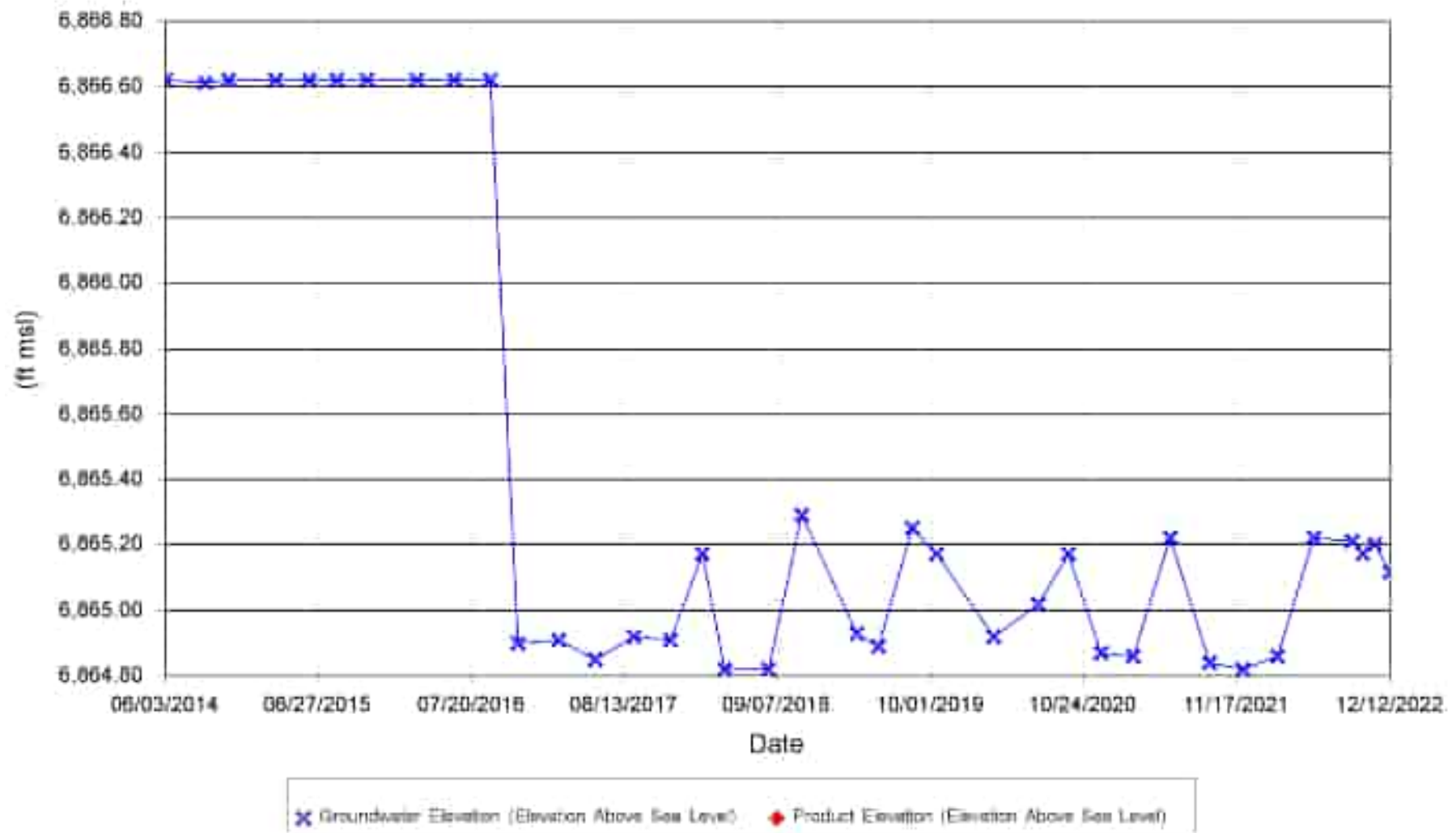
Notes:  
SPH - Separate Phase Hydrocarbon  
ft msl - feet above mean sea level  
A graph with missing or no data points indicates that the well was dry during that(those) period(s)

**APPENDIX B-2C. MW-5 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
SONSELA AQUIFER****Notes:**

SPH - Separate Phase Hydrocarbon

ft msl - feet above mean sea level

A graph with missing or no data points indicates that the well was dry during that(those) period(s)

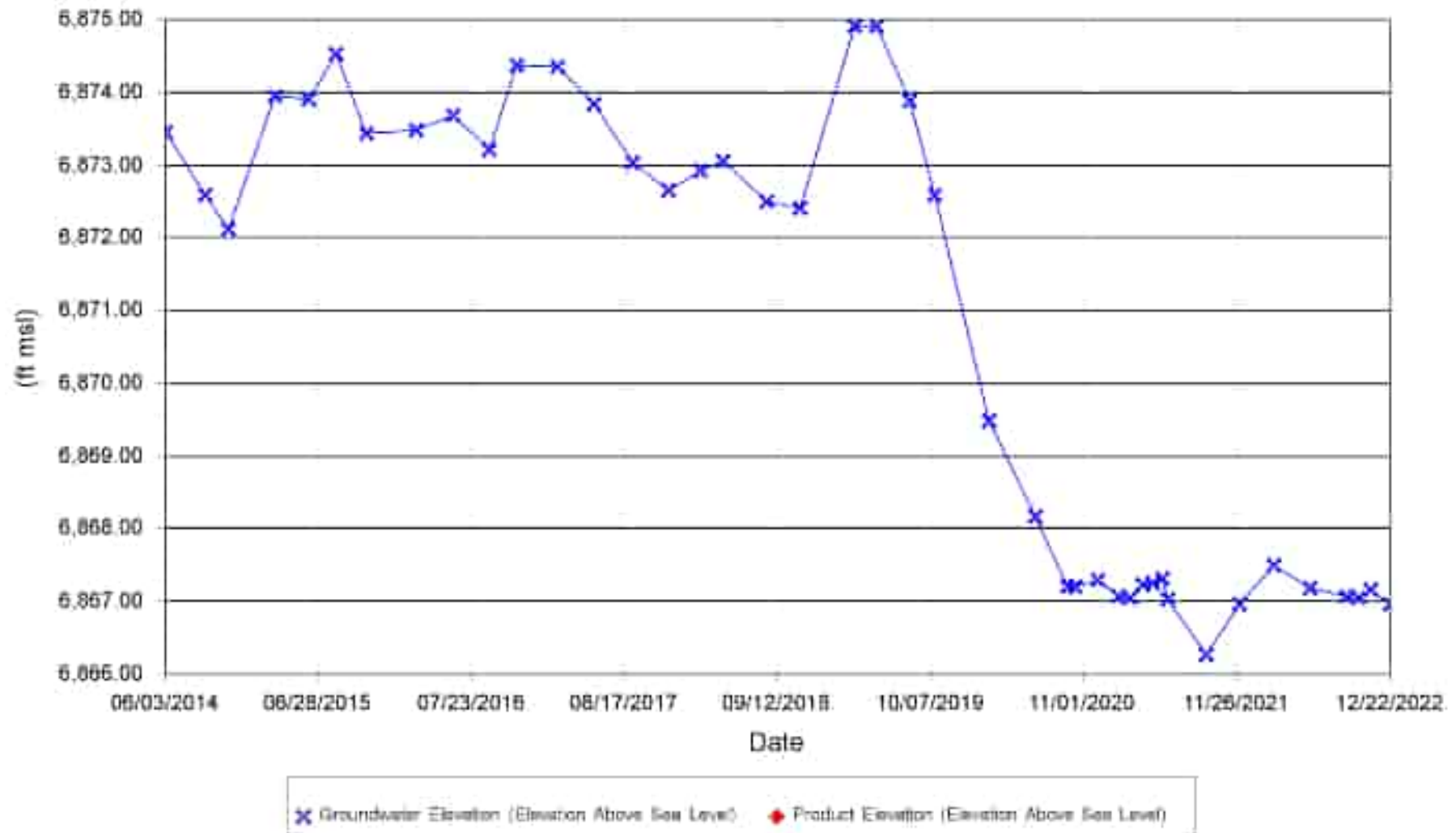
**APPENDIX B-2C. OW-01 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
SONSELA AQUIFER****Notes:**

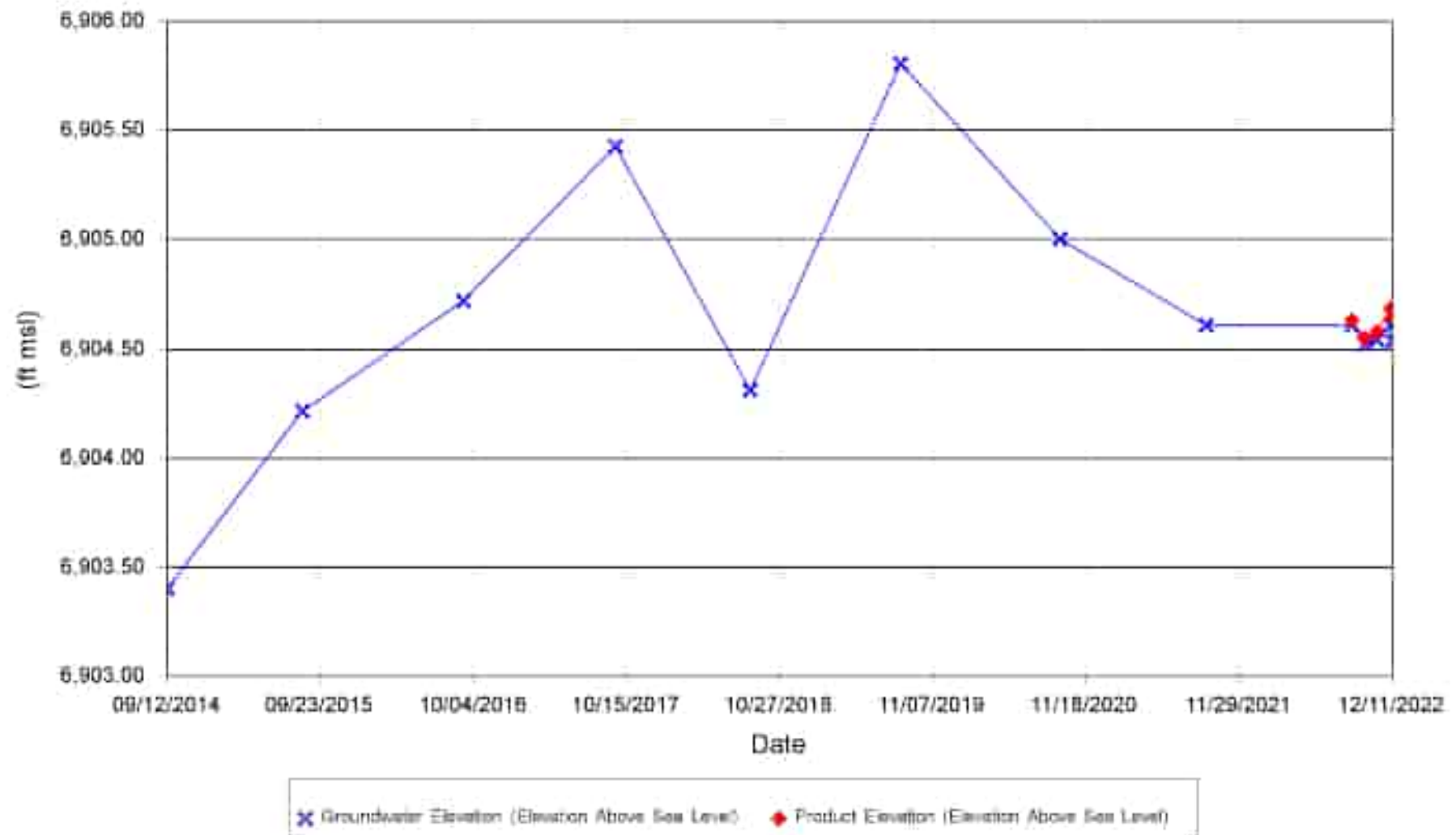
SPH - Separate Phase Hydrocarbon

ft msl - feet above mean sea level

A graph with missing or no data points indicates that the well was dry during that(those) period(s)

# APPENDIX B-2C. OW-10 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS SONSELA AQUIFER



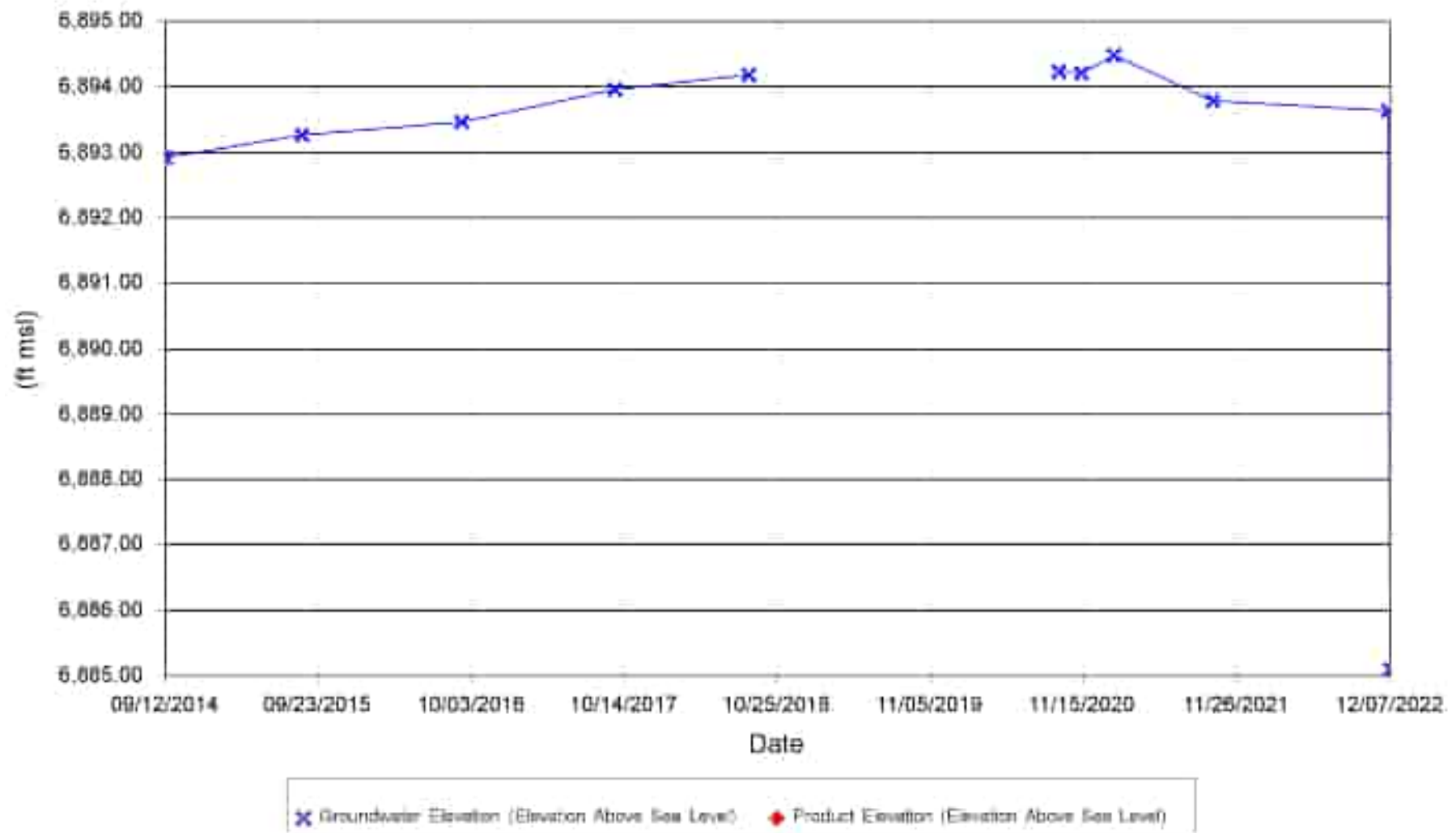
**APPENDIX B-2C. OW-11 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
SONSELA AQUIFER****Notes:**

SPH - Separate Phase Hydrocarbon

ft msl - feet above mean sea level

A graph with missing or no data points indicates that the well was dry during that(those) period(s)



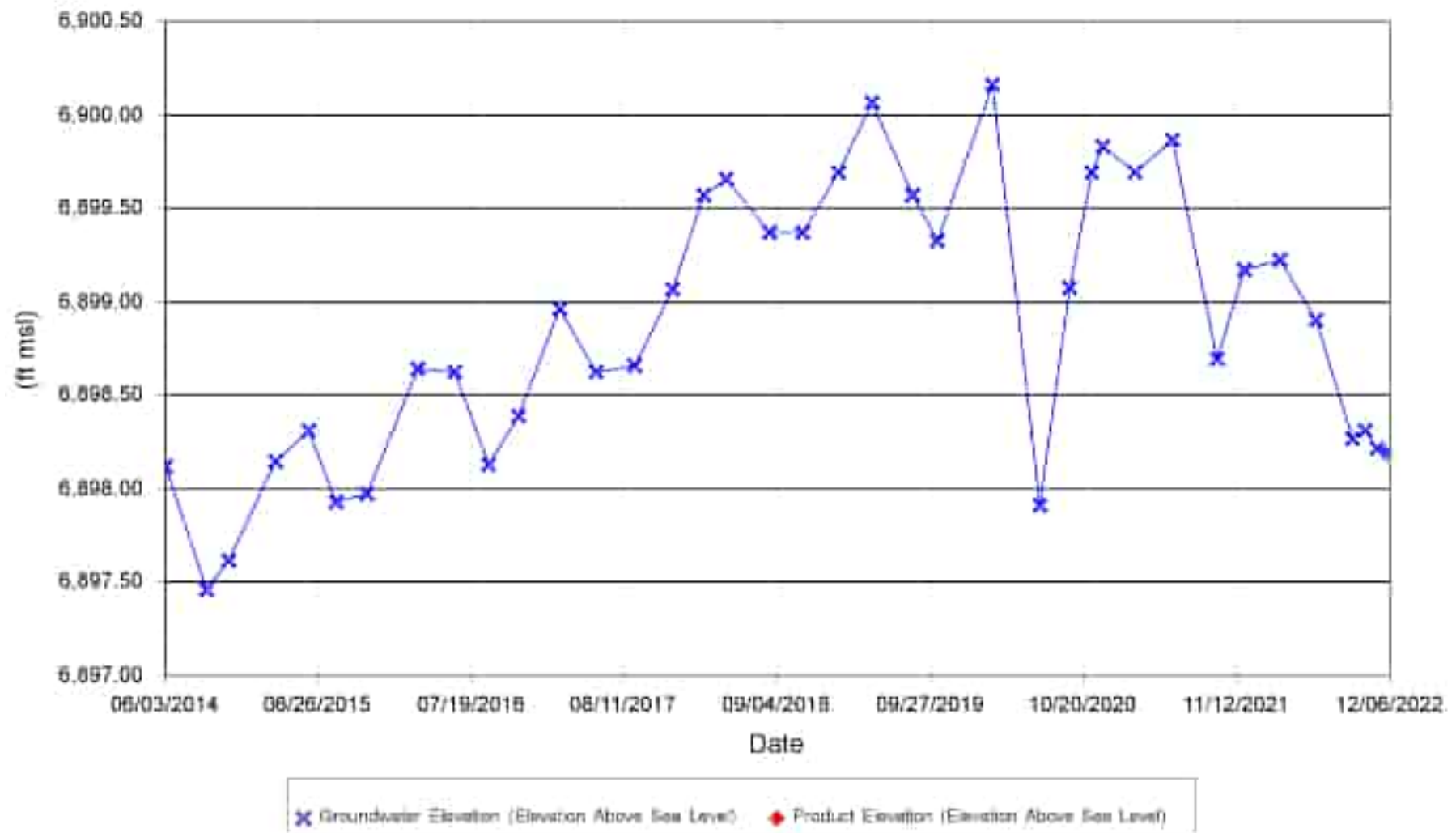
**APPENDIX B-2C. OW-12 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS  
SONSELA AQUIFER****Notes:**

SPH - Separate Phase Hydrocarbon

ft msl - feet above mean sea level

A graph with missing or no data points indicates that the well was dry during that(those) period(s)

# APPENDIX B-2C. OW-13 HISTORICAL GROUNDWATER ELEVATIONS AND SPH THICKNESS SONSELA AQUIFER



Notes:  
 SPH - Separate Phase Hydrocarbon  
 ft msl - feet above mean sea level  
 A graph with missing or no data points indicates that the well was dry during that(those) period(s)

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

CONDITIONS  
  
Action 209616

CONDITIONS

|                                                                                           |                                                             |
|-------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| Operator:<br>Western Refining Southwest LLC<br>539 South Main Street<br>Findlay, OH 45840 | OGRID:<br>267595                                            |
|                                                                                           | Action Number:<br>209616                                    |
|                                                                                           | Action Type:<br>[UF-DP] Discharge Permit (DISCHARGE PERMIT) |

CONDITIONS

|            |                                          |                |
|------------|------------------------------------------|----------------|
| Created By | Condition                                | Condition Date |
| scwells    | Accepted for Records Retention Purposes. | 4/21/2023      |