

**Western Refining Southwest LLC**

A subsidiary of Marathon Petroleum Corporation

I-40 Exit 39

Jamestown, NM 87347

October 31, 2023

Mr. Ricardo Maestas, Acting Chief  
New Mexico Environment Department  
Hazardous Waste Bureau  
2905 Rodeo Park Drive East, Building 1  
Santa Fe, NM 87505

RE: Hydrocarbon Seep Interim Measures 2023 Third Quarter Status Report  
Western Refining Southwest LLC (D/B/A Marathon Gallup Refinery)  
EPA ID# NMD000333211

Dear Mr. Maestas:

Western Refining Southwest LLC, D/B/A Marathon Gallup Refinery (Refinery), Gallup, New Mexico is submitting this "Hydrocarbon Seep Interim Measures Status Report" for the 3<sup>rd</sup> quarter of 2023. This document provides the status for quarterly Interim Measures (IM) activities associated with the Hydrocarbon Seep Area and separate phase hydrocarbon (SPH) and monitoring well activities throughout the Refinery as requested by the New Mexico Environment Department (NMED) in Comment 22 of "Disapproval, Interim Measures Report" dated April 26, 2016. Presented below are summaries of specific activities related to source control of the Hydrocarbon Seep Area (Figure 1), Borrow Pit Sumps (Figure 2), monthly fluid level readings, and withdrawal of SPH and associated groundwater in the marketing tank farm (MKTF) and non-MKTF areas. This document presents fluid recovery information from the groundwater recovery system in the Hydrocarbon Seep area, Borrow Pit Sumps, and the French Drain (Figure 3).

**Hydrocarbon Seep Area Source Control**

The refinery has remained in indefinite idle status since April 2020. Refinery resources and personnel were operating at a reduced capacity and have focused on facility maintenance during the 3<sup>rd</sup> quarter of 2023. The groundwater extraction system began operation on March 1, 2023. The amount of SPH recovered is not quantified with the groundwater system, therefore total fluid volumes are reported. The Hydrocarbon Seep Area is within the groundwater recovery capture zone. Activities and observations of note for the Hydrocarbon Seep Area include:

- There were approximately 99,779 gallons (gals) of total fluids recovered from the Hydrocarbon Seep Area standpipe sumps (S-1 – S-6) (Figure 1) using the groundwater extraction system during 3<sup>rd</sup> quarter of 2023 (Table 1A). No SPH was measured or observed. There is evidence of dissolved phase hydrocarbons in the recovered fluid.

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- There were approximately 1,426 gals of fluid recovered in the French Drain area (Figure 3) using the groundwater extraction system during 3<sup>rd</sup> quarter of 2023 (Table 1B).
- There was no fluid recovery from the retention ditch during the 3<sup>rd</sup> quarter because there was no standing fluid (Table 1C and Figure 1).

### **Borrow Pit Activities**

Five sumps (BPS-1 through BPS-5) and two piezometers (PZ-1 and PZ-2) were installed in the Borrow Pit west of the Truck Loading Rack after a gasoline seep was observed in the area in 2020 (Figure 2). Vacuum truck fluid recovery from these sumps began on May 10, 2021. An additional 3 sumps (BPS-6 through BPS-8) and an additional 2 piezometers (PZ-3 and PZ-4) were installed in January 2022. Vacuum truck fluid-recovery from the additional sumps, BPS-6, BPS-7, and BPS-8, began on January 10, 2022.

The groundwater extraction system began fluid recovery in wells BPS-1, BPS-2, BPS-3, BPS-4, BPS-5, and BPS-8 at the Borrow Pit on March 7, 2023. Fluid recovery from the sumps transitioned from vacuum truck recovery to recovery using the groundwater system during the 1<sup>st</sup> quarter 2023. The extraction pumps were manually operated one to three times a day, four days a week, weather permitting, from March 7, 2023, to May 31, 2023. Starting May 31, 2023, the extraction pumps were automated, pumping each well approximately 24 times per day. On average, SPH thickness stayed the same in all sumps and piezometers during the 3<sup>rd</sup> quarter (Table 2A) except for BPS-6 and BPS-7 which have each increased to approximately 7 feet (ft) of product. BPS-6 and BPS-7 were re-drilled deeper to install pumps into the sumps on June 26 and June 27, 2023, respectively. It is anticipated that pumps will be installed in BPS-6 and BPS-7 during the 4<sup>th</sup> quarter. Pump installation has been delayed due to supply issues.

Sumps BPS-1, BPS-2, and BPS-3 have contained measurable SPH since installation on April 16, 2021. The additional sumps, BPS-6 and BPS-7, and piezometers, PZ-3 and PZ-4, have contained measurable SPH since installation on January 24, 2022. SPH was first detected in BPS-4 and BPS-5 in September 2021. SPH was detected in BPS-5 on November 8, 2022, after not containing measurable product for a year at a maximum thickness of 0.05 ft. SPH was first detected in BPS-8 on February 8, 2022. No SPH has been detected in PZ-1 or PZ-2 since installation on April 14, 2021.

An estimated total of 11,194 gals of SPH and 49,698 gals of water were recovered by the borrow pit groundwater extraction system (Table 2B) in the 3<sup>rd</sup> quarter. The total fluid volume recovered from the borrow pit groundwater recovery system is estimated based on sump depths, widths, water and SPH fluid levels, and pump starts.

Surface hydrocarbon staining was observed near BPS-2 and BPS-3 on April 24, 2023. The staining area in the Borrow Pit has reduced over the 3<sup>rd</sup> quarter. The Refinery will continue to monitor the hydrocarbon staining in the Borrow Pit. Automated extraction is expected to continue to reduce the thickness of SPH in the groundwater and reduce daylighting hydrocarbon.

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### **Surface Discharge Observations**

Pursuant to NMED's letter on March 5, 2019, the Hydrocarbon Seep Area is routinely monitored to evaluate the discharge of hydrocarbons to the land surface where shallow water seeps have been observed within the retention ditch and to the south near the original seep location. The measurable amount of SPH seeping into the retention ditch has essentially stopped. The Refinery will continue to monitor the area and if standing fluid returns, it will be recovered.

As requested by NMED in Comment 5 from "Disapproval Marketing Tank Farm Laser-Induced Fluorescence/Hydraulic Profiling Investigation Report", dated June 2, 2021, the water seep near the 90-day pad is visually inspected monthly for SPH (Figure 2). The water seep area was inspected each month in the 3<sup>rd</sup> quarter and was found to be dry and had no visual evidence of SPH.

### **Monthly Fluid Levels**

Monthly fluid level data for the MKTF and refinery areas are presented in Tables 3A and 3B. Compared to the 2<sup>nd</sup> quarter of 2023, there was less than a foot of water level change (increasing or decreasing) in the majority of monitored wells with a trend in decreasing water level. The following wells had greater than a foot of water level decrease: MKTF-04R, MKTF-06, MKTF-08, MKTF-10, MKTF-11, MKTF-13, MKTF-20, MKTF-24, MKTF-25, MKTF-26, MKTF-34, MKTF-40, MKTF-44, MKTF-50, OW-58A, RW-1, RW-6. MKTF-16 showed greater than a foot of water level increase. Based on our field observations, it appears that the groundwater extraction system is drawing down the groundwater table, exposing existing residual SPH held in the formation, thus resulting in increased detections of SPH in monitoring wells.

### **MKTF and Non-MKTF Fluid Recovery**

Fluid recovery in MKTF wells (Figure 3) upgradient of the Hydrocarbon Seep Area and with recoverable SPH, continued during the 3<sup>rd</sup> quarter of 2023 using a vacuum truck. An estimated total of 190 gals of water and 77 gals of SPH were extracted in the 3<sup>rd</sup> quarter. As requested in Comment 2 in NMED's "Approval with Modifications Hydrocarbon Seep Interim Measures 2020 Fourth Quarter Status Report", dated March 30, 2021, fluid levels are taken 24 hours after vacuum truck extractions and are presented in Tables 4A through 4F.

Fluid recovery was attempted at the listed wells: MKTF-3, MKTF-5, MKTF-6, MKTF-7, MKTF-8, MKTF-10, MKTF-13, MKTF-14, MKTF-15, MKTF-17R, MKTF-19, MKTF-22, MKTF-39, MKTF-49, OW-55, OW-58A, OW-61, OW-65, OW-66, RW-1, RW-2R, RW-5, and RW-6. MKTF-10 was inadvertently missed in July and August vacuum truck operations. OW-55 was added after July fluid levels found product.

These above wells were chosen for fluid recovery based on historical and persistent presence of recoverable SPH. Wells containing less than 0.1 ft of product for the duration of the quarter will be removed from fluid recovery. Wells measuring more than 1 ft of SPH will be added to the extraction list. Accordingly, for the fourth quarter of 2023, no wells will be removed from

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vacuum truck recovery. MKTF-31 will be added for fluid recovery. GWM-1 will not be added to the fluid recovery list because it is inaccessible to a vacuum truck. Fluid recovery will continue to be evaluated at the end of each quarter.

#### 4<sup>th</sup> Quarter 2023 IM Activities

Below is a list of activities that are associated with ongoing IM activities that are planned for the 4<sup>th</sup> quarter 2023.

- **Monitoring** – Monthly groundwater gauging will continue during the 4<sup>th</sup> quarter of 2023. The water seep near the 90-day pad will be monitored for SPH monthly.
- **Hydrocarbon Seep Area Source Control** – The Hydrocarbon Seep Area will be pumped continuously using the groundwater extraction system.
- **Borrow Pit Seep Area** – The Borrow Pit Seep Area will be pumped continuously using the groundwater extraction system.
- **Investigations** – The following investigative activities and reports that pertain to seeps and releases in the area of the Hydrocarbon Seep Area have been completed or are expected to be scheduled for 2023, pending NMED approval of work plans.
  - **AOC 35** – An Investigation Work Plan (IWP) for Area of Concern (AOC) 35, which includes the area around the Marketing Tanks and the Truck Loading Racks, was approved with modifications on September 12, 2019. However, this investigation was postponed for revision due to the gasoline leak in the Truck Loading area found on October 27, 2019. The revised AOC 35 IWP Number 2 was submitted to NMED on September 1, 2021. NMED's Disapproval Revised Investigation Work Plan No. 2 Area of Concern 35 was received on October 20, 2021. The revised IWP and response to disapproval comments was submitted to NMED on April 11, 2022. NMED responded with an Approval with Modifications on December 12, 2022. A response to the Approval with Modifications was submitted to NMED on March 15, 2023. The Process Sewer IWP contained in AOC 35 was submitted to NMED March 31, 2023.
  - **OW-58A** – A letter requesting an interim measure approval from NMED to add a groundwater extraction system in OW-58A (Figure 3) to slow the northern progress of SPH plume was submitted to NMED October 11, 2023. NMED responded to the "North-Eastern Boundary Control Work Plan (OW-58A)" with an Approval with Modifications on October 23, 2023. The Work Plan comment response table is included as Attachment A. The Refinery will move forward to implement a groundwater extraction system in OW-58A.

If you have any questions or comments regarding the information contained herein, please contact Mr. John Moore at (505) 879-7643 or Ms. Kateri Luka at (714) 713-1218.

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**Certification**

*I certify under penalty of law that this document and all attachments were prepared under my direction of supervision according to a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.*

Sincerely,  
Western Refining Southwest LLC, Marathon Gallup Refinery



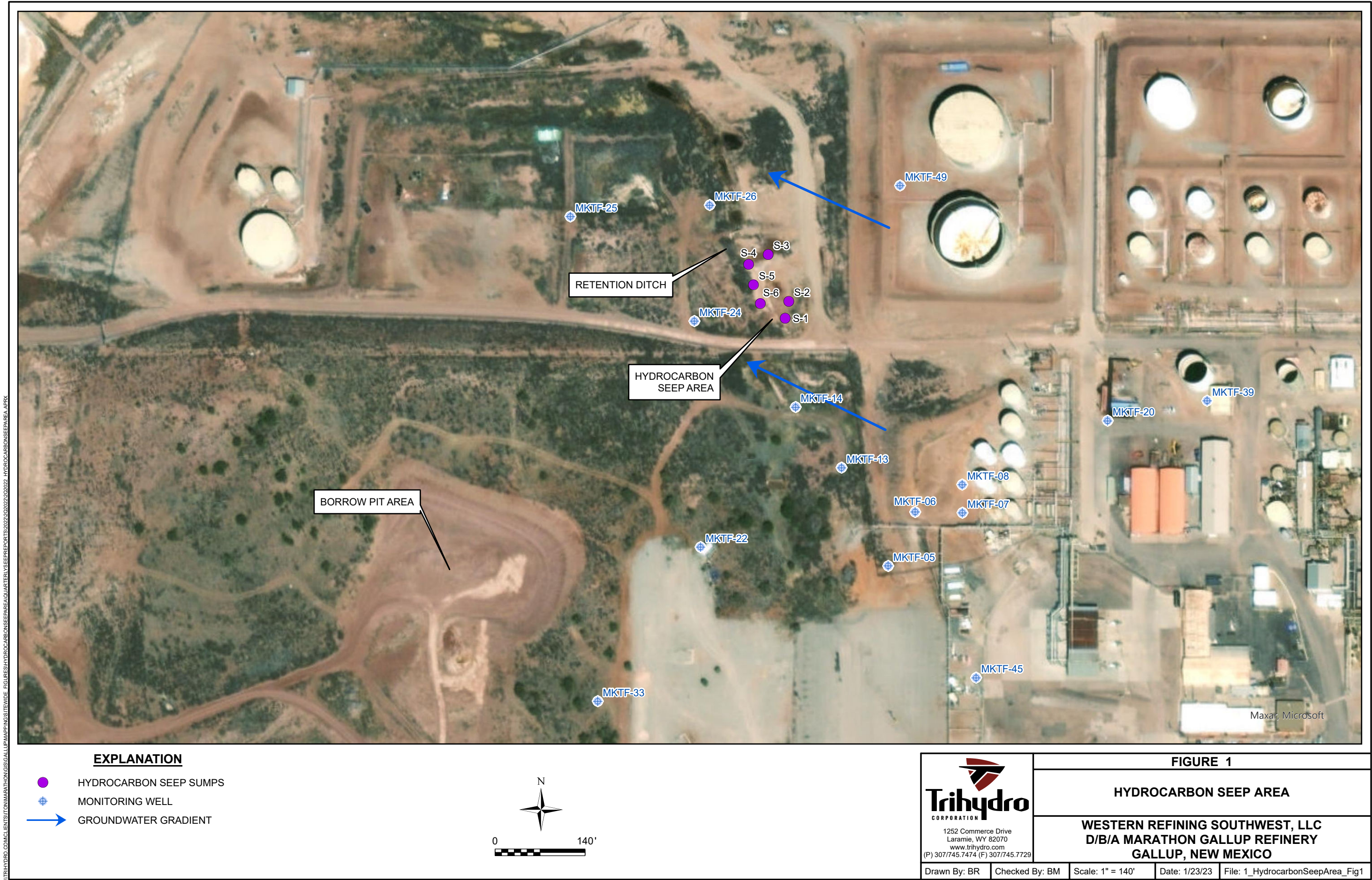
Timothy J. Peterkoski  
Director of Environment and Climate Strategy  
Marathon Petroleum Company LP

Enclosure

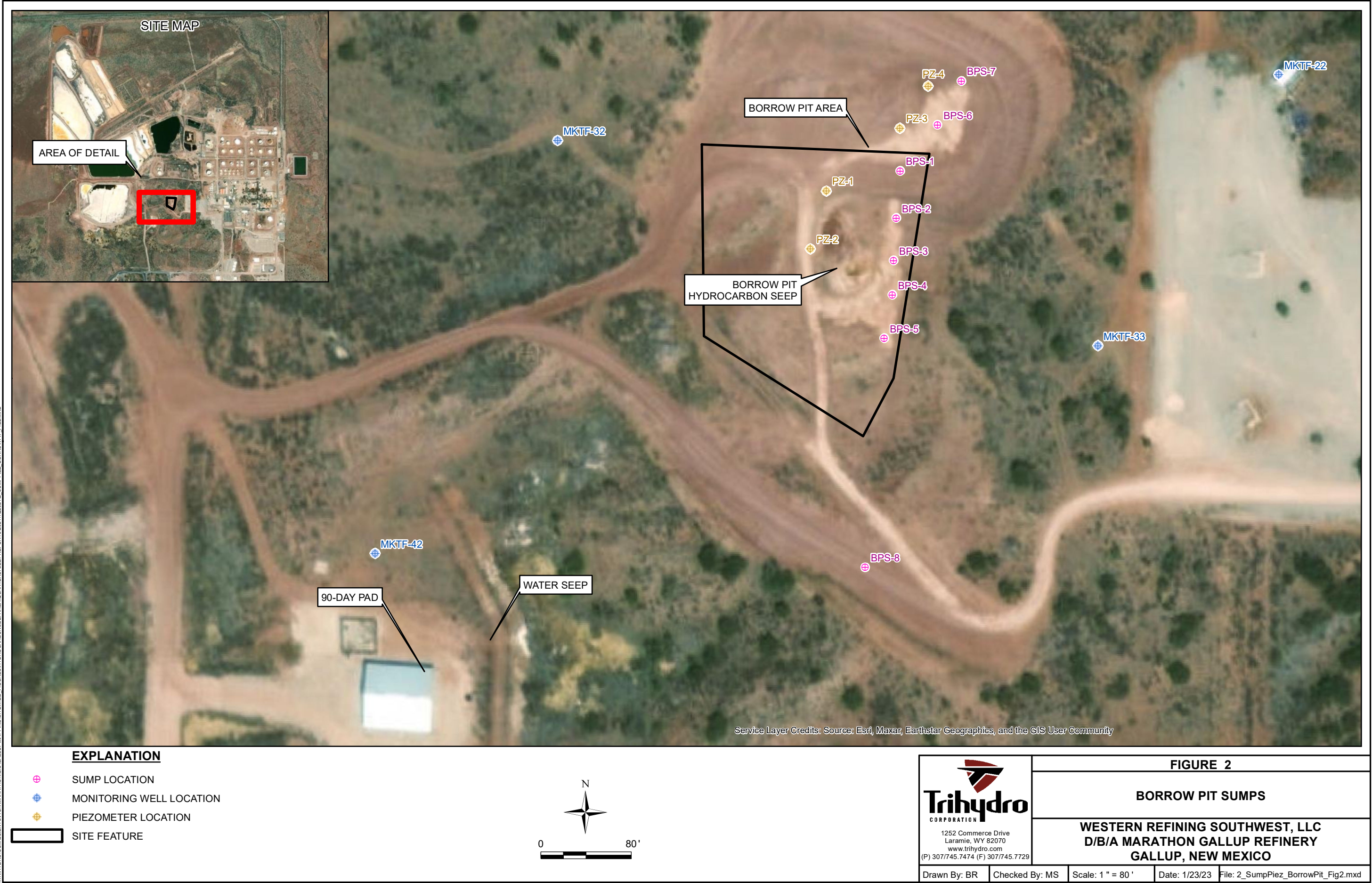
cc: L. Andress, NMED HWB  
M. Suzuki, NMED  
L. Tsinnajinnie, NMED  
N. Dhawan, NMED  
L. Barr, OCD  
K. Luka, MPC  
J. Moore, Gallup Refinery  
H. Jones, Trihydro Corporation

## **FIGURES**











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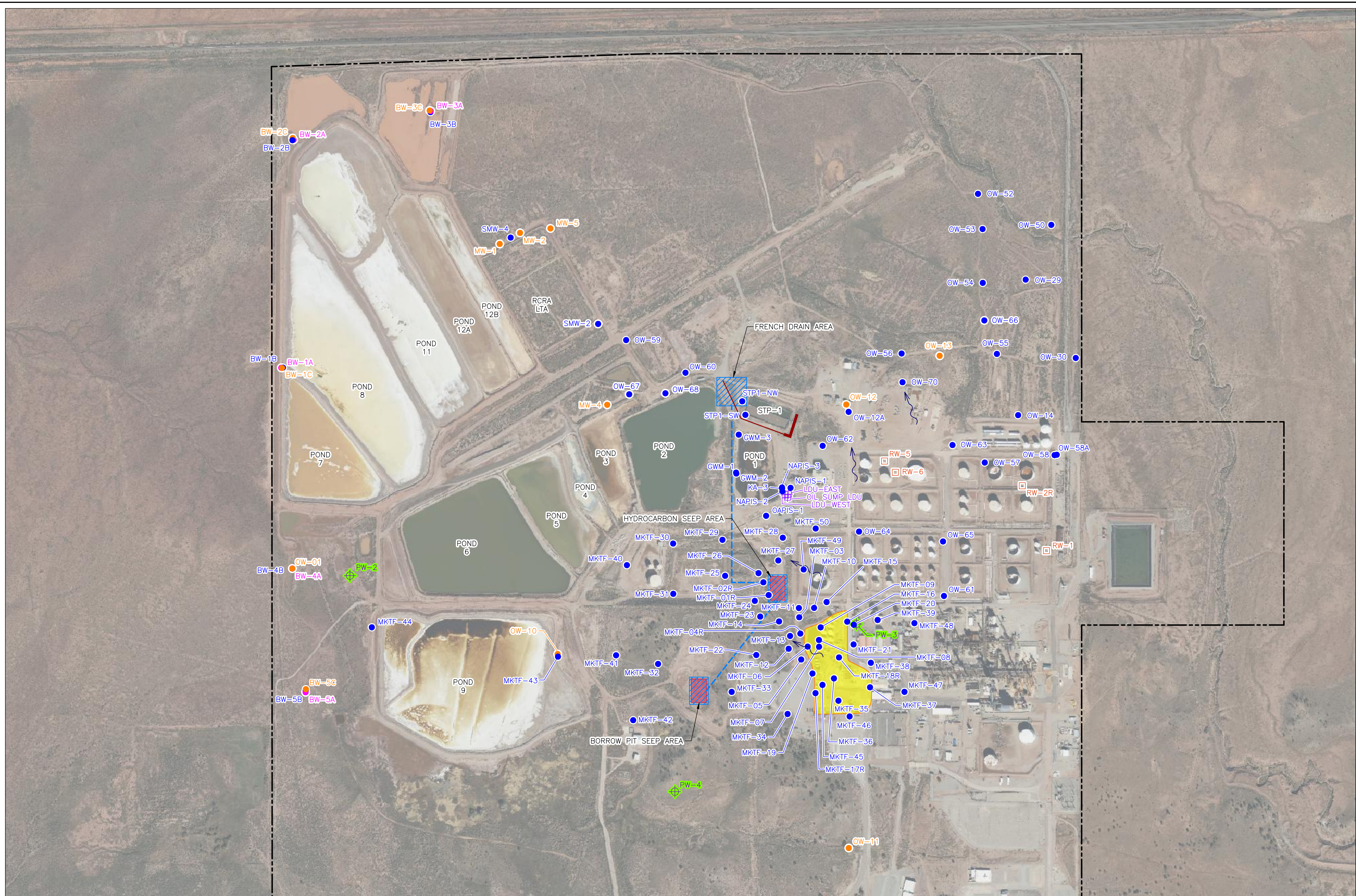
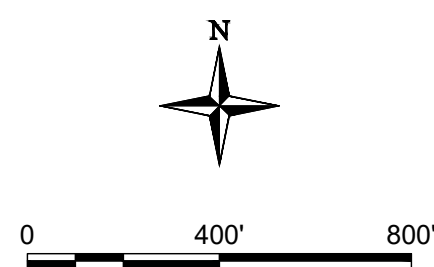


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#### EXPLANATION

- BW-5A ALLUVIAL/FLUVIAL UPPER SAND AQUIFER MONITORING WELL AND DESIGNATION
- BW-5B CHINLE/ALLUVIUM AQUIFER MONITORING WELL AND DESIGNATION
- BW-5C SONSELA AQUIFER MONITORING WELL AND DESIGNATION
- + PW-4 RAW WATER PRODUCTION WELL AND DESIGNATION
- RW-6 RECOVERY WELL AND DESIGNATION
- + LDU-EAST LEAK DETECTION UNIT AND DESIGNATION
- FRENCH DRAIN

- ~ ESTIMATED GROUNDWATER FLOW DIRECTION
- SEEP AREA
- AOC 35 AREA
- PHASE I GROUNDWATER RECOVERY SYSTEM (INSTALLATION COMPLETED MARCH 2023)
- PROCESS SEWER LINE
- PROPERTY BOUNDARY (APPROXIMATE)
- LEAK DETECTION UNIT
- SEPARATE PHASE HYDROCARBON
- LDU
- SPH



**Trihydro**  
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FIGURE 3

#### SITE PLAN

**WESTERN REFINING SOUTHWEST LLC  
MARATHON GALLUP REFINERY  
GALLUP, NEW MEXICO**

|               |                |                  |                |                           |
|---------------|----------------|------------------|----------------|---------------------------|
| Drawn By: REP | Checked By: BB | Scale: 1" = 400' | Date: 4/7/2023 | File: 697-AR-SITEMAP-2023 |
|---------------|----------------|------------------|----------------|---------------------------|



## **TABLES**



**TABLE 1A. HYDROCARBON SEEP AREA STANDPIPE RECOVERY RECORDS  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Hydrocarbon Seep Area Groundwater Recovery System |                                        |                                      |
|---------------------------------------------------|----------------------------------------|--------------------------------------|
| Month/Year                                        | Total System                           |                                      |
|                                                   | Total Fluid Volume Recovered (gallons) | Cumulative Volume Recovered (gallon) |
| March 2023                                        | 24,392                                 | 24,392                               |
| <b>1st Quarter 2023 Totals</b>                    | 24,392                                 | 24,392                               |
| April 2023                                        | 65,605                                 | 89,997                               |
| May 2023                                          | 55,339                                 | 145,336                              |
| June 2023                                         | 52,689                                 | 198,025                              |
| <b>2nd Quarter 2023 Totals</b>                    | 173,633                                | 198,025                              |
| July 2023                                         | 24,162                                 | 222,187                              |
| August 2023                                       | 39,777                                 | 261,964                              |
| September 2023                                    | 35,840                                 | 297,804                              |
| <b>3rd Quarter 2023 Totals</b>                    | 99,779                                 | 297,804                              |

Note:

Volumes are calculated based on combined flow from S-1, S-2, S-3, S-4, S-5, and S-6. The flow meters do not distinguish between SPH and water. No SPH was observed in wells.

SPH - Separate Phase Hydrocarbon



**TABLE 1B. FRENCH DRAIN RECOVERY RECORDS  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| French Drain Area              |                            |                                       |
|--------------------------------|----------------------------|---------------------------------------|
| Month/Year                     | STP-1                      |                                       |
|                                | Volume Recovered (gallons) | Cumulative Volume Recovered (gallons) |
| March 2023                     | 4,761                      | 4,761                                 |
| <b>1st Quarter 2023 Totals</b> | 4,761                      | 4,761                                 |
| April 2023                     | 4,767                      | 9,528                                 |
| May 2023                       | 1,998                      | 11,526                                |
| June 2023                      | 1,959                      | 13,485                                |
| <b>2nd Quarter 2023 Totals</b> | 8,724                      | 13,485                                |
| July 2023                      | 653                        | 14,138                                |
| August 2023                    | 411                        | 14,549                                |
| September 2023                 | 362                        | 14,911                                |
| <b>3rd Quarter 2023 Totals</b> | 1,426                      | 14,911                                |

Note:

Volumes are calculated based on flow recovered from the French Drain. The flow meters do not distinguish between SPH and water. No SPH was observed in the French Drain.

SPH - Separate Phase Hydrocarbon



**TABLE 1C. RETENTION DITCH RECOVERY RECORDS  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| <b>DATE</b>                        | <b>Vacuum Truck<br/>Loads</b> | <b>Water/Oil Mixture<br/>(gallons)</b> | <b>Oil<br/>(gallons)</b> |
|------------------------------------|-------------------------------|----------------------------------------|--------------------------|
| <b>2016 Totals</b>                 | <b>63</b>                     | <b>340,200</b>                         | <b>NR</b>                |
| <b>2017 Totals</b>                 | <b>54</b>                     | <b>194,550</b>                         | <b>1,890</b>             |
| <b>2018 Totals</b>                 | <b>38</b>                     | <b>78,780</b>                          | <b>1,426</b>             |
| <b>2019 Totals</b>                 | <b>17</b>                     | <b>34,451</b>                          | <b>1,008</b>             |
| <b>2020 Totals</b>                 | <b>1</b>                      | <b>200</b>                             | <b>2</b>                 |
| <b>2021 Totals</b>                 | <b>Dry</b>                    | <b>Dry</b>                             | <b>Dry</b>               |
| <b>2022 Totals</b>                 | <b>Dry</b>                    | <b>Dry</b>                             | <b>Dry</b>               |
| <b>1st Quarter 2023<br/>Totals</b> | <b>Dry</b>                    | <b>Dry</b>                             | <b>Dry</b>               |
| <b>2nd Quarter 2023<br/>Totals</b> | <b>Dry</b>                    | <b>Dry</b>                             | <b>Dry</b>               |
| <b>3rd Quarter 2023<br/>Totals</b> | <b>Dry</b>                    | <b>Dry</b>                             | <b>Dry</b>               |
| <b>Project Totals</b>              | <b>173</b>                    | <b>648,181</b>                         | <b>4,326</b>             |

Note:

NR - not recorded

**TABLE 2A. SUMMARY OF BORROW PIT FLUID LEVELS  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY  
GALLUP, NEW MEXICO**

| <b>Well Location</b> | <b>Date</b> | <b>Well Diameter<br/>(in)</b> | <b>Depth to SPH<br/>(ft-bs)</b> | <b>Depth to Water<br/>(ft-bs)</b> | <b>SPH Thickness<br/>(ft)</b> |
|----------------------|-------------|-------------------------------|---------------------------------|-----------------------------------|-------------------------------|
| BPS-1                | 1/13/2023   | 4                             | 4.65                            | 9.28                              | 4.63                          |
| BPS-1                | 3/14/2023   | 4                             | 4.44                            | 8.60                              | 4.16                          |
| BPS-1                | 4/6/2023    | 4                             | 4.47                            | 8.23                              | 3.76                          |
| BPS-1                | 6/16/2023   | 4                             | 5.59                            | 6.12                              | 0.53                          |
| BPS-1                | 7/19/2023   | 4                             | 5.64                            | 7.56                              | 1.92                          |
| BPS-1                | 8/16/2023   | 4                             | 5.58                            | 8.75                              | 3.17                          |
| BPS-1                | 9/28/2023   | 4                             | 5.69                            | 8.70                              | 3.01                          |
|                      |             |                               |                                 |                                   |                               |
| BPS-2                | 1/13/2023   | 4                             | 4.62                            | 7.90                              | 3.28                          |
| BPS-2                | 3/14/2023   | 4                             | 4.45                            | 7.20                              | 2.75                          |
| BPS-2                | 4/6/2023    | 4                             | 4.46                            | 7.76                              | 3.30                          |
| BPS-2                | 6/16/2023   | 4                             | 6.13                            | 6.80                              | 0.67                          |
| BPS-2                | 7/19/2023   | 4                             | 5.50                            | 6.81                              | 1.31                          |
| BPS-2                | 8/16/2023   | 4                             | 6.05                            | 6.35                              | 0.30                          |
| BPS-2                | 9/28/2023   | 4                             | 6.09                            | 6.41                              | 0.32                          |
|                      |             |                               |                                 |                                   |                               |
| BPS-3                | 1/13/2023   | 4                             | 5.80                            | 7.20                              | 1.40                          |
| BPS-3                | 3/14/2023   | 4                             | 5.63                            | 6.90                              | 1.27                          |
| BPS-3                | 4/6/2023    | 4                             | 5.70                            | 6.42                              | 0.72                          |
| BPS-3                | 6/16/2023   | 4                             | ND                              | 6.59                              | 0.00                          |
| BPS-3                | 7/19/2023   | 4                             | 7.75                            | 7.77                              | 0.02                          |
| BPS-3                | 8/16/2023   | 4                             | 7.07                            | 7.10                              | 0.03                          |
| BPS-3                | 9/28/2023   | 4                             | 7.13                            | 7.18                              | 0.05                          |
|                      |             |                               |                                 |                                   |                               |
| BPS-4                | 1/13/2023   | 4                             | 6.85                            | 7.15                              | 0.30                          |
| BPS-4                | 3/14/2023   | 4                             | 6.72                            | 6.77                              | 0.05                          |
| BPS-4                | 4/6/2023    | 4                             | ND                              | 6.68                              | 0.00                          |
| BPS-4                | 6/16/2023   | 4                             | ND                              | 7.45                              | 0.00                          |
| BPS-4                | 7/19/2023   | 4                             | ND                              | 7.78                              | 0.00                          |
| BPS-4                | 8/16/2023   | 4                             | 7.77                            | 7.79                              | 0.02                          |
| BPS-4                | 9/28/2023   | 4                             | 7.70                            | 7.80                              | 0.10                          |
|                      |             |                               |                                 |                                   |                               |
| BPS-5                | 1/13/2023   | 4                             | ND                              | 5.95                              | 0.00                          |
| BPS-5                | 3/14/2023   | 4                             | 5.76                            | 5.78                              | 0.02                          |
| BPS-5                | 4/6/2023    | 4                             | ND                              | 5.71                              | 0.00                          |
| BPS-5                | 6/16/2023   | 4                             | ND                              | 7.94                              | 0.00                          |
| BPS-5                | 7/19/2023   | 4                             | ND                              | 7.12                              | 0.00                          |
| BPS-5                | 8/16/2023   | 4                             | ND                              | 7.10                              | 0.00                          |
| BPS-5                | 9/28/2023   | 4                             | ND                              | 7.15                              | 0.00                          |
|                      |             |                               |                                 |                                   |                               |
| BPS-6                | 1/13/2023   | 4                             | 8.08                            | 10.05                             | 1.97                          |
| BPS-6                | 3/14/2023   | 4                             | NM                              | NM                                | NM                            |
| BPS-6                | 4/6/2023    | 4                             | ND                              | 7.78                              | 0.00                          |
| BPS-6                | 6/16/2023   | 4                             | 8.22                            | 10.04                             | 1.82                          |
| BPS-6                | 7/19/2023   | 4                             | 8.66                            | 10.23                             | 1.57                          |



**TABLE 2A. SUMMARY OF BORROW PIT FLUID LEVELS  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY  
GALLUP, NEW MEXICO**

| <b>Well Location</b> | <b>Date</b> | <b>Well Diameter<br/>(in)</b> | <b>Depth to SPH<br/>(ft-bs)</b> | <b>Depth to Water<br/>(ft-bs)</b> | <b>SPH Thickness<br/>(ft)</b> |
|----------------------|-------------|-------------------------------|---------------------------------|-----------------------------------|-------------------------------|
| BPS-6                | 8/16/2023   | 4                             | 11.96                           | 19.10                             | 7.14                          |
| BPS-6                | 9/28/2023   | 4                             | 11.98                           | 19.07                             | 7.09                          |
|                      |             |                               |                                 |                                   |                               |
| BPS-7                | 1/13/2023   | 4                             | 9.00                            | 9.20                              | 0.20                          |
| BPS-7                | 3/14/2023   | 4                             | NM                              | NM                                | NM                            |
| BPS-7                | 4/6/2023    | 4                             | ND                              | 8.79                              | 0.00                          |
| BPS-7                | 6/16/2023   | 4                             | 9.02                            | 9.74                              | 0.72                          |
| BPS-7                | 7/19/2023   | 4                             | 9.25                            | 9.75                              | 0.50                          |
| BPS-7                | 8/16/2023   | 4                             | 11.53                           | 18.68                             | 7.15                          |
| BPS-7                | 9/28/2023   | 4                             | 11.66                           | 18.67                             | 7.01                          |
|                      |             |                               |                                 |                                   |                               |
| BPS-8                | 1/13/2023   | 4                             | ND                              | 20.52                             | 0.00                          |
| BPS-8                | 3/14/2023   | 4                             | ND                              | 21.90                             | 0.00                          |
| BPS-8                | 4/6/2023    | 4                             | ND                              | 26.30                             | 0.00                          |
| BPS-8                | 6/16/2023   | 4                             | ND                              | 29.72                             | 0.00                          |
| BPS-8                | 7/19/2023   | 4                             | ND                              | 29.89                             | 0.00                          |
| BPS-8                | 8/16/2023   | 4                             | NM                              | NM                                | NM                            |
| BPS-8                | 9/28/2023   | 4                             | ND                              | ND                                | 0.00                          |
|                      |             |                               |                                 |                                   |                               |
| BP-PZ-1              | 1/13/2023   | 2                             | ND                              | 4.40                              | 0.00                          |
| BP-PZ-1              | 3/14/2023   | 2                             | NM                              | NM                                | NM                            |
| BP-PZ-1              | 4/6/2023    | 2                             | ND                              | 2.71                              | 0.00                          |
| BP-PZ-1              | 5/2/2023    | 2                             | ND                              | 2.65                              | 0.00                          |
| BP-PZ-1              | 6/16/2023   | 2                             | ND                              | 4.93                              | 0.00                          |
| BP-PZ-1              | 7/19/2023   | 4                             | ND                              | 5.41                              | 0.00                          |
| BP-PZ-1              | 8/16/2023   | 4                             | ND                              | 3.67                              | 0.00                          |
| BP-PZ-1              | 9/28/2023   | 4                             | ND                              | 3.70                              | 0.00                          |
|                      |             |                               |                                 |                                   |                               |
| BP-PZ-2              | 1/13/2023   | 2                             | ND                              | 3.12                              | 0.00                          |
| BP-PZ-2              | 3/14/2023   | 2                             | NM                              | NM                                | NM                            |
| BP-PZ-2              | 4/6/2023    | 2                             | ND                              | 4.10                              | 0.00                          |
| BP-PZ-2              | 5/2/2023    | 2                             | ND                              | 4.10                              | 0.00                          |
| BP-PZ-2              | 6/16/2023   | 2                             | ND                              | 3.29                              | 0.00                          |
| BP-PZ-2              | 7/19/2023   | 4                             | ND                              | 3.80                              | 0.00                          |
| BP-PZ-2              | 8/16/2023   | 4                             | ND                              | 4.78                              | 0.00                          |
| BP-PZ-2              | 9/28/2023   | 4                             | ND                              | 4.72                              | 0.00                          |
|                      |             |                               |                                 |                                   |                               |
| BP-PZ-3              | 1/13/2023   | 2                             | 6.15                            | 9.90                              | 3.75                          |
| BP-PZ-3              | 3/14/2023   | 2                             | NM                              | NM                                | NM                            |
| BP-PZ-3              | 4/6/2023    | 2                             | ND                              | 6.00                              | 0.00                          |
| BP-PZ-3              | 5/2/2023    | 2                             | 5.99                            | 9.10                              | 3.11                          |
| BP-PZ-3              | 6/16/2023   | 2                             | 6.41                            | 9.30                              | 2.89                          |
| BP-PZ-3              | 7/19/2023   | 4                             | 6.81                            | 9.57                              | 2.76                          |
| BP-PZ-3              | 8/16/2023   | 4                             | 6.90                            | 9.93                              | 3.03                          |
| BP-PZ-3              | 9/25/2023   | 4                             | 6.93                            | 9.95                              | 3.02                          |
|                      |             |                               |                                 |                                   |                               |

**TABLE 2A. SUMMARY OF BORROW PIT FLUID LEVELS  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY  
GALLUP, NEW MEXICO**

| <b>Well Location</b> | <b>Date</b> | <b>Well Diameter<br/>(in)</b> | <b>Depth to SPH<br/>(ft-bs)</b> | <b>Depth to Water<br/>(ft-bs)</b> | <b>SPH Thickness<br/>(ft)</b> |
|----------------------|-------------|-------------------------------|---------------------------------|-----------------------------------|-------------------------------|
| BP-PZ-4              | 1/13/2023   | 2                             | 8.56                            | 10.68                             | 2.12                          |
| BP-PZ-4              | 3/14/2023   | 2                             | NM                              | NM                                | NM                            |
| BP-PZ-4              | 4/6/2023    | 2                             | ND                              | 8.34                              | 0.00                          |
| BP-PZ-4              | 5/2/2023    | 2                             | 8.31                            | 10.50                             | 2.19                          |
| BP-PZ-4              | 6/16/2023   | 2                             | 8.59                            | 10.64                             | 2.05                          |
| BP-PZ-4              | 7/19/2023   | 4                             | 9.10                            | 9.64                              | 0.54                          |
| BP-PZ-4              | 8/16/2023   | 4                             | 9.25                            | 10.64                             | 1.39                          |
| BP-PZ-4              | 9/25/2023   | 4                             | 9.20                            | 10.55                             | 1.35                          |

Notes:

BP-PZ - Borrow Pit Piezometer

BPS - Borrow Pit Sump

bs - below stick up

ft - feet

in - inches

ND - not detected

NM - not measured

SPH - separate phase hydrocarbon



**TABLE 2B. SUMMARY OF BORROW PIT INTERIM MEASURE RECOVERY DATA  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Date/Time                      | Number of Starts | Total System (BPS-1, BPS-2, BPS-3, BPS-4, BPS-5, BPS-8) |                                   |                           |                                |                             |                                  |
|--------------------------------|------------------|---------------------------------------------------------|-----------------------------------|---------------------------|--------------------------------|-----------------------------|----------------------------------|
|                                | Starts/month     | Total Volume Recovered (gal)                            | Cumulative Volume Recovered (gal) | Total SPH Recovered (gal) | Cumulative SPH Recovered (gal) | Total Water Recovered (gal) | Cumulative Water Recovered (gal) |
| March 2023                     | 18               | 1,182                                                   | 1,182                             | 376                       | 376                            | 807                         | 807                              |
| <b>1st Quarter 2023 Totals</b> | 18               | 1,182                                                   | 1,182                             | 376                       | 376                            | 807                         | 807                              |
| April 2023                     | 26               | 1,708                                                   | 2,890                             | 543                       | 918                            | 1,165                       | 1,972                            |
| May 2023                       | 57               | 3,744                                                   | 6,635                             | 1,190                     | 2,108                          | 2,555                       | 4,527                            |
| June 2023                      | 729              | 47,888                                                  | 54,523                            | 15,214                    | 17,322                         | 32,674                      | 37,201                           |
| <b>2nd Quarter 2023 Totals</b> | 812              | 53,340                                                  | 54,523                            | 16,946                    | 17,322                         | 36,394                      | 37,201                           |
| June 2023                      | 790              | 21,475                                                  | 75,998                            | 3,948                     | 21,270                         | 17,527                      | 54,728                           |
| July 2023                      | 700              | 19,029                                                  | 95,026                            | 3,498                     | 24,768                         | 15,531                      | 70,258                           |
| August 2023                    | 750              | 20,388                                                  | 115,414                           | 3,748                     | 28,516                         | 16,640                      | 86,898                           |
| <b>3rd Quarter 2023 Totals</b> | 2,240            | 60,892                                                  | 115,414                           | 11,194                    | 28,516                         | 49,698                      | 86,898                           |

Notes:

Volumes are calculated based on combined flow from BPS-1, BPS-2, BPS-3, BPS-4, BPS-5, and BPS-8. The flow meters do not distinguish between SPH and water. SPH is estimated based on well volume and well fluid levels.

SPH - separate phase hydrocarbon

BPS - Borrow Pit Sumps

gal - gallons

**TABLE 3A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground-water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| MKTF-01        | 06/01/21                  | 4.00                   | 17.38                 | 3.42                  | 0.31                      | 3.73                    | 6,914.55                    | 6914.80                                           | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-01        | 07/06/21                  | 4.00                   | 17.38                 | 3.35                  | 0.44                      | 3.79                    | 6,914.49                    | 6914.84                                           | 5 - 15                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |
| MKTF-01R       | 08/31/21                  | 4.00                   | 18.00                 | ND                    | NA                        | 3.60                    | 6,918.22                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-01R       | 09/09/21                  | 4.00                   | 18.00                 | ND                    | NA                        | 3.72                    | 6,918.10                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-01R       | 10/27/21                  | 4.00                   | 18.00                 | ND                    | NA                        | 3.92                    | 6,917.90                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-01R       | 11/17/21                  | 4.00                   | 18.00                 | ND                    | NA                        | 3.81                    | 6,918.01                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-01R       | 12/03/21                  | 4.00                   | 18.10                 | ND                    | NA                        | 3.55                    | 6,918.27                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-01R       | 01/28/22                  | 4.00                   | 18.10                 | ND                    | NA                        | 3.50                    | 6,918.32                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-01R       | 02/28/22                  | 4.00                   | 18.10                 | ND                    | NA                        | 3.60                    | 6,918.22                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-01R       | 03/01/22                  | 4.00                   | 18.11                 | ND                    | NA                        | 3.56                    | 6,918.26                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-01R       | 04/27/22                  | 4.00                   | 18.11                 | ND                    | NA                        | 3.50                    | 6,918.32                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-01R       | 05/05/22                  | 4.00                   | 18.11                 | ND                    | NA                        | 3.51                    | 6,918.33                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-01R       | 06/01/22                  | 4.00                   | 18.11                 | 3.50                  | 0.03                      | 3.53                    | 6,918.29                    | 6918.31                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-01R       | 07/06/22                  | 4.00                   | 18.11                 | 3.80                  | 0.07                      | 3.87                    | 6,917.95                    | 6918.01                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-01R       | 08/08/22                  | 4.00                   | 18.11                 | 3.62                  | 0.03                      | 3.65                    | 6,918.17                    | 6918.19                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-01R       | 09/01/22                  | 4.00                   | 18.11                 | 3.62                  | 0.03                      | 3.65                    | 6,918.17                    | 6918.19                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-01R       | 10/03/22                  | 4.00                   | 18.11                 | 3.65                  | 0.03                      | 3.68                    | 6,918.14                    | 6918.16                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-01R       | 11/02/22                  | 4.00                   | 18.11                 | 3.67                  | 0.04                      | 3.71                    | 6,918.11                    | 6918.14                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-01R       | 12/06/22                  | 4.00                   | 18.11                 | 3.69                  | 0.06                      | 3.75                    | 6,918.07                    | 6918.12                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-01R       | 1/30/2023                 | 4.00                   | 18.11                 | 3.71                  | 0.05                      | 3.76                    | 6,918.06                    | 6918.10                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-01R       | 2/28/2023                 | 4.00                   | 18.11                 | 3.40                  | 0.08                      | 3.48                    | 6,918.34                    | 6918.40                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-01R       | 3/31/2023                 | 4.00                   | 18.11                 | 3.40                  | 0.07                      | 3.47                    | 6,918.35                    | 6918.41                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-01R       | 4/12/2023                 | 4.00                   | 18.11                 | 3.38                  | 0.06                      | 3.44                    | 6,918.38                    | 6918.43                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-01R       | 5/15/2023                 | 4.00                   | 18.11                 | 3.40                  | 0.05                      | 3.45                    | 6,918.37                    | 6918.41                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-01R       | 6/1/2023                  | 4.00                   | 18.11                 | 3.23                  | 0.07                      | 3.30                    | 6,918.52                    | 6918.58                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-01R       | 7/24/2023                 | 4.00                   | 18.11                 | 3.20                  | 0.08                      | 3.28                    | 6,918.54                    | 6918.60                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-01R       | 8/18/2023                 | 4.00                   | 18.11                 | 3.28                  | 0.77                      | 4.05                    | 6,917.77                    | 6918.39                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-01R       | 9/6/2023                  | 4.00                   | 18.11                 | 3.30                  | 0.78                      | 4.08                    | 6,917.74                    | 6918.36                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |



**TABLE 3A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground-water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| MKTF-02        | 06/01/21                  | 4.00                   | 20.54                 | ND                    | NA                        | 5.57                    | 6,909.43                    | NA                                                | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-02        | 07/06/21                  | 4.00                   | 20.54                 | ND                    | NA                        | 5.63                    | 6,909.37                    | NA                                                | 7 - 17                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |
| MKTF-02R       | 08/31/21                  | 4.00                   | 21.50                 | ND                    | NA                        | 13.63                   | 6,906.83                    | NA                                                | 6.5 - 21.5                                 | Chinle/Alluvium Interface                 |
| MKTF-02R       | 09/17/21                  | 4.00                   | 21.50                 | ND                    | NA                        | 14.11                   | 6,906.35                    | NA                                                | 6.5 - 21.5                                 | Chinle/Alluvium Interface                 |
| MKTF-02R       | 10/27/21                  | 4.00                   | 21.50                 | ND                    | NA                        | 10.48                   | 6,909.98                    | NA                                                | 6.5 - 21.5                                 | Chinle/Alluvium Interface                 |
| MKTF-02R       | 11/17/21                  | 4.00                   | 21.50                 | ND                    | NA                        | 9.01                    | 6,911.45                    | NA                                                | 6.5 - 21.5                                 | Chinle/Alluvium Interface                 |
| MKTF-02R       | 12/15/21                  | 4.00                   | 21.49                 | ND                    | NA                        | 7.71                    | 6,912.75                    | NA                                                | 6.5 - 21.5                                 | Chinle/Alluvium Interface                 |
| MKTF-02R       | 01/10/22                  | 4.00                   | 21.49                 | ND                    | NA                        | 7.68                    | 6,912.78                    | NA                                                | 6.5 - 21.5                                 | Chinle/Alluvium Interface                 |
| MKTF-02R       | 02/28/22                  | 4.00                   | 21.49                 | ND                    | NA                        | 7.63                    | 6,912.83                    | NA                                                | 6.5 - 21.5                                 | Chinle/Alluvium Interface                 |
| MKTF-02R       | 03/02/22                  | 4.00                   | 21.49                 | ND                    | NA                        | 7.73                    | 6,912.73                    | NA                                                | 6.5 - 21.5                                 | Chinle/Alluvium Interface                 |
| MKTF-02R       | 04/27/22                  | 4.00                   | 21.49                 | ND                    | NA                        | 7.75                    | 6,912.71                    | NA                                                | 6.5 - 21.5                                 | Chinle/Alluvium Interface                 |
| MKTF-02R       | 05/05/22                  | 4.00                   | 21.49                 | ND                    | NA                        | 7.76                    | 6,912.70                    | NA                                                | 6.5 - 21.5                                 | Chinle/Alluvium Interface                 |
| MKTF-02R       | 06/01/22                  | 4.00                   | 21.50                 | 7.70                  | 0.02                      | 7.72                    | 6,912.74                    | 6912.76                                           | 6.5 - 21.5                                 | Chinle/Alluvium Interface                 |
| MKTF-02R       | 07/06/22                  | 4.00                   | 21.50                 | 7.51                  | 0.03                      | 7.54                    | 6,912.92                    | 6912.94                                           | 6.5 - 21.5                                 | Chinle/Alluvium Interface                 |
| MKTF-02R       | 08/08/22                  | 4.00                   | 21.50                 | 7.63                  | 0.03                      | 7.66                    | 6,912.80                    | 6912.82                                           | 6.5 - 21.5                                 | Chinle/Alluvium Interface                 |
| MKTF-02R       | 09/01/22                  | 4.00                   | 21.50                 | 7.64                  | 0.02                      | 7.66                    | 6,912.80                    | 6912.82                                           | 6.5 - 21.5                                 | Chinle/Alluvium Interface                 |
| MKTF-02R       | 10/03/22                  | 4.00                   | 21.50                 | 7.65                  | 0.02                      | 7.67                    | 6,912.79                    | 6912.81                                           | 6.5 - 21.5                                 | Chinle/Alluvium Interface                 |
| MKTF-02R       | 11/02/22                  | 4.00                   | 21.50                 | 7.63                  | 0.03                      | 7.66                    | 6,912.80                    | 6912.82                                           | 6.5 - 21.5                                 | Chinle/Alluvium Interface                 |
| MKTF-02R       | 12/06/22                  | 4.00                   | 21.50                 | 7.51                  | 0.05                      | 7.56                    | 6,912.90                    | 6912.94                                           | 6.5 - 21.5                                 | Chinle/Alluvium Interface                 |
| MKTF-02R       | 01/30/23                  | 4.00                   | 21.50                 | 7.48                  | 0.05                      | 7.53                    | 6,912.93                    | 6912.97                                           | 6.5 - 21.5                                 | Chinle/Alluvium Interface                 |
| MKTF-02R       | 02/28/23                  | 4.00                   | 21.50                 | 7.30                  | 0.08                      | 7.38                    | 6,913.08                    | 6913.14                                           | 6.5 - 21.5                                 | Chinle/Alluvium Interface                 |
| MKTF-02R       | 03/31/23                  | 4.00                   | 21.50                 | 7.60                  | 0.09                      | 7.69                    | 6,912.77                    | 6912.84                                           | 6.5 - 21.5                                 | Chinle/Alluvium Interface                 |
| MKTF-02R       | 04/12/23                  | 4.00                   | 21.50                 | 7.66                  | 0.05                      | 7.71                    | 6,912.75                    | 6912.79                                           | 6.5 - 21.5                                 | Chinle/Alluvium Interface                 |
| MKTF-02R       | 05/15/23                  | 4.00                   | 21.50                 | 7.68                  | 0.04                      | 7.72                    | 6,912.74                    | 6912.77                                           | 6.5 - 21.5                                 | Chinle/Alluvium Interface                 |
| MKTF-02R       | 06/01/23                  | 4.00                   | 21.50                 | 7.54                  | 0.04                      | 7.58                    | 6,912.88                    | 6912.91                                           | 6.5 - 21.5                                 | Chinle/Alluvium Interface                 |
| MKTF-02R       | 07/24/23                  | 4.00                   | 21.50                 | 7.45                  | 0.05                      | 7.50                    | 6,912.96                    | 6913.00                                           | 6.5 - 21.5                                 | Chinle/Alluvium Interface                 |
| MKTF-02R       | 08/21/23                  | 4.00                   | 21.50                 | 7.56                  | 0.07                      | 7.63                    | 6,912.83                    | 6912.89                                           | 6.5 - 21.5                                 | Chinle/Alluvium Interface                 |
| MKTF-02R       | 09/06/23                  | 4.00                   | 21.50                 | 7.58                  | 0.06                      | 7.64                    | 6,912.82                    | 6912.87                                           | 6.5 - 21.5                                 | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground-water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| MKTF-03        | 06/01/21                  | 4.00                   | 18.62                 | 7.37                  | 1.13                      | 8.50                    | 6,923.23                    | 6924.13                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-03        | 07/06/21                  | 4.00                   | 18.62                 | 7.49                  | 0.88                      | 8.37                    | 6,923.36                    | 6924.06                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-03        | 08/25/21                  | 4.00                   | 18.62                 | 7.79                  | 1.25                      | 9.04                    | 6,922.69                    | 6923.69                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-03        | 09/09/21                  | 4.00                   | 18.62                 | 7.37                  | 1.13                      | 8.50                    | 6,923.23                    | 6924.13                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-03        | 10/27/21                  | 4.00                   | 18.62                 | 7.44                  | 1.86                      | 9.30                    | 6,922.43                    | 6923.92                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-03        | 11/17/21                  | 4.00                   | 18.62                 | 7.59                  | 1.65                      | 9.24                    | 6,922.49                    | 6923.81                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-03        | 12/15/21                  | 4.00                   | 18.62                 | 7.71                  | 1.26                      | 8.97                    | 6,922.76                    | 6923.77                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-03        | 01/10/22                  | 4.00                   | 18.62                 | 7.04                  | 1.31                      | 8.35                    | 6,923.38                    | 6924.43                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-03        | 02/28/22                  | 4.00                   | 18.62                 | 7.79                  | 1.25                      | 9.04                    | 6,922.69                    | 6923.69                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-03        | 03/02/22                  | 4.00                   | 18.64                 | 7.74                  | 1.20                      | 8.94                    | 6,922.79                    | 6923.75                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-03        | 04/27/22                  | 4.00                   | 18.62                 | 7.74                  | 1.20                      | 8.94                    | 6,922.79                    | 6923.75                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-03        | 05/05/22                  | 4.00                   | 18.62                 | 7.72                  | 1.17                      | 8.89                    | 6,922.84                    | 6923.78                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-03        | 06/01/22                  | 4.00                   | 18.64                 | 7.67                  | 1.15                      | 8.82                    | 6,922.91                    | 6923.83                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-03        | 07/06/22                  | 4.00                   | 18.64                 | 8.07                  | 0.17                      | 8.24                    | 6,923.49                    | 6923.63                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-03        | 08/08/22                  | 4.00                   | 18.64                 | 7.64                  | 0.17                      | 7.81                    | 6,923.92                    | 6924.06                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-03        | 09/01/22                  | 4.00                   | 18.64                 | 7.72                  | 0.14                      | 7.86                    | 6,923.87                    | 6923.98                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-03        | 10/03/22                  | 4.00                   | 18.64                 | 7.45                  | 3.22                      | 10.67                   | 6,921.06                    | 6923.64                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-03        | 11/02/22                  | 4.00                   | 18.64                 | 7.46                  | 3.23                      | 10.69                   | 6,921.04                    | 6923.62                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-03        | 12/09/22                  | 4.00                   | 18.64                 | 8.06                  | 2.45                      | 10.51                   | 6,921.22                    | 6923.18                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-03        | 01/30/23                  | 4.00                   | 18.64                 | 8.04                  | 2.45                      | 10.49                   | 6,921.24                    | 6923.20                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-03        | 02/28/23                  | 4.00                   | 18.64                 | 8.09                  | 2.38                      | 10.47                   | 6,921.26                    | 6923.16                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-03        | 03/31/23                  | 4.00                   | 18.64                 | 7.75                  | 0.04                      | 7.79                    | 6,923.94                    | 6923.97                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-03        | 04/12/23                  | 4.00                   | 18.64                 | 7.12                  | 3.10                      | 10.22                   | 6,921.51                    | 6923.99                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-03        | 05/15/23                  | 4.00                   | 18.64                 | 7.09                  | 3.10                      | 10.19                   | 6,921.54                    | 6924.02                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-03        | 06/01/23                  | 4.00                   | 18.64                 | 7.02                  | 2.97                      | 9.99                    | 6,921.74                    | 6924.12                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-03        | 07/18/23                  | 4.00                   | 18.64                 | 9.14                  | 1.15                      | 10.29                   | 6,921.44                    | 6922.36                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-03        | 08/18/23                  | 4.00                   | 18.64                 | 8.66                  | 1.39                      | 10.05                   | 6,921.68                    | 6922.79                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-03        | 09/06/23                  | 4.00                   | 18.64                 | 8.69                  | 1.40                      | 10.09                   | 6,921.64                    | 6922.76                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |



**TABLE 3A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground-water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| MKTF-04        | 06/01/21                  | 4.00                   | 22.72                 | 9.52                  | 0.03                      | 9.55                    | 6,924.35                    | 6924.37                                           | 10 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-04        | 07/06/21                  | 4.00                   | 22.72                 | ND                    | NA                        | 9.49                    | 6,924.41                    | NA                                                | 10 - 22                                    | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |
| MKTF-04R       | 08/30/21                  | 4.00                   | 19.20                 | ND                    | NA                        | 10.13                   | 6,928.36                    | NA                                                | 4 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-04R       | 09/17/21                  | 4.00                   | 19.20                 | ND                    | NA                        | 10.48                   | 6,928.01                    | NA                                                | 4 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-04R       | 10/27/21                  | 4.00                   | 19.20                 | ND                    | NA                        | 9.93                    | 6,928.56                    | NA                                                | 4 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-04R       | 11/17/21                  | 4.00                   | 19.20                 | ND                    | NA                        | 10.02                   | 6,928.47                    | NA                                                | 4 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-04R       | 12/03/21                  | 4.00                   | 19.20                 | ND                    | NA                        | 10.18                   | 6,928.31                    | NA                                                | 4 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-04R       | 01/10/22                  | 4.00                   | 19.20                 | ND                    | NA                        | 10.23                   | 6,928.26                    | NA                                                | 4 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-04R       | 02/28/22                  | 4.00                   | 19.20                 | ND                    | NA                        | 10.13                   | 6,928.36                    | NA                                                | 4 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-04R       | 03/02/22                  | 4.00                   | 19.22                 | ND                    | NA                        | 10.24                   | 6,928.25                    | NA                                                | 4 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-04R       | 04/27/22                  | 4.00                   | 19.22                 | ND                    | NA                        | 9.92                    | 6,928.57                    | NA                                                | 4 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-04R       | 05/05/22                  | 4.00                   | 19.22                 | ND                    | NA                        | 10.15                   | 6,928.34                    | NA                                                | 4 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-04R       | 06/01/22                  | 4.00                   | 19.20                 | 10.17                 | 0.02                      | 10.19                   | 6,928.30                    | 6928.32                                           | 4 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-04R       | 07/06/22                  | 4.00                   | 19.20                 | 10.33                 | 0.03                      | 10.36                   | 6,928.13                    | 6928.15                                           | 4 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-04R       | 08/08/22                  | 4.00                   | 19.20                 | 10.56                 | 0.02                      | 10.58                   | 6,927.91                    | 6927.93                                           | 4 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-04R       | 09/01/22                  | 4.00                   | 19.20                 | 10.14                 | 0.02                      | 10.16                   | 6,928.33                    | 6928.35                                           | 4 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-04R       | 10/03/22                  | 4.00                   | 19.20                 | 10.25                 | 0.03                      | 10.28                   | 6,928.21                    | 6928.23                                           | 4 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-04R       | 11/02/22                  | 4.00                   | 19.20                 | 10.23                 | 0.03                      | 10.26                   | 6,928.23                    | 6928.25                                           | 4 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-04R       | 12/06/22                  | 4.00                   | 19.20                 | 10.03                 | 0.05                      | 10.08                   | 6,928.41                    | 6928.45                                           | 4 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-04R       | 01/30/23                  | 4.00                   | 19.20                 | 9.99                  | 0.06                      | 10.05                   | 6,928.44                    | 6928.49                                           | 4 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-04R       | 02/28/23                  | 4.00                   | 19.20                 | 9.92                  | 0.08                      | 10.00                   | 6,928.49                    | 6928.55                                           | 4 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-04R       | 03/31/23                  | 4.00                   | 19.20                 | 9.80                  | 0.49                      | 10.29                   | 6,928.20                    | 6928.59                                           | 4 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-04R       | 04/12/23                  | 4.00                   | 19.20                 | 8.81                  | 0.01                      | 8.82                    | 6,929.67                    | 6929.68                                           | 4 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-04R       | 05/15/23                  | 4.00                   | 19.20                 | 8.83                  | 0.01                      | 8.84                    | 6,929.65                    | 6929.66                                           | 4 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-04R       | 06/01/23                  | 4.00                   | 19.20                 | 8.71                  | 0.02                      | 8.73                    | 6,929.76                    | 6929.78                                           | 4 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-04R       | 07/24/23                  | 4.00                   | 19.20                 | 8.68                  | 0.02                      | 8.70                    | 6,929.79                    | 6929.81                                           | 4 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-04R       | 08/18/23                  | 4.00                   | 19.20                 | ND                    | NA                        | 10.44                   | 6,928.05                    | NA                                                | 4 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-04R       | 09/06/23                  | 4.00                   | 19.20                 | ND                    | NA                        | 10.49                   | 6,928.00                    | NA                                                | 4 - 19                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground-water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| MKTF-05        | 06/01/21                  | 4.00                   | 17.77                 | 12.15                 | 0.08                      | 12.23                   | 6,927.26                    | 6927.32                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-05        | 07/06/21                  | 4.00                   | 17.77                 | 12.69                 | 0.26                      | 12.95                   | 6,926.54                    | 6926.75                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-05        | 08/25/21                  | 4.00                   | 17.77                 | 11.77                 | 0.60                      | 12.37                   | 6,927.12                    | 6927.60                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-05        | 09/07/21                  | 4.00                   | 17.77                 | 11.54                 | 1.07                      | 12.61                   | 6,926.88                    | 6927.74                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-05        | 10/27/21                  | 4.00                   | 17.77                 | 11.37                 | 0.55                      | 11.92                   | 6,927.57                    | 6928.01                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-05        | 11/02/21                  | 4.00                   | 17.77                 | 11.52                 | 0.56                      | 12.08                   | 6,927.41                    | 6927.86                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-05        | 12/03/21                  | 4.00                   | 17.77                 | 11.77                 | 0.60                      | 12.37                   | 6,927.12                    | 6927.60                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-05        | 01/10/22                  | 4.00                   | 17.77                 | 11.37                 | 0.21                      | 11.58                   | 6,927.91                    | 6928.08                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-05        | 02/28/22                  | 4.00                   | 17.77                 | 11.77                 | 0.60                      | 12.37                   | 6,927.12                    | 6927.60                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-05        | 03/02/22                  | 4.00                   | 17.75                 | 11.71                 | 0.64                      | 12.35                   | 6,927.14                    | 6927.65                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-05        | 04/27/22                  | 4.00                   | 17.75                 | 12.63                 | 0.08                      | 12.71                   | 6,926.78                    | 6926.84                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-05        | 05/03/22                  | 4.00                   | 17.75                 | 12.67                 | 0.05                      | 12.72                   | 6,926.77                    | 6926.81                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-05        | 06/01/22                  | 4.00                   | 17.75                 | 13.05                 | 0.08                      | 13.13                   | 6,926.36                    | 6926.42                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-05        | 07/06/22                  | 4.00                   | 17.75                 | 11.95                 | 0.15                      | 12.10                   | 6,927.39                    | 6927.51                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-05        | 08/08/22                  | 4.00                   | 17.75                 | 11.15                 | 1.48                      | 12.63                   | 6,926.86                    | 6928.04                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-05        | 09/01/22                  | 4.00                   | 17.75                 | 11.64                 | 1.69                      | 13.33                   | 6,926.16                    | 6927.51                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-05        | 10/03/22                  | 4.00                   | 17.75                 | 11.64                 | 1.26                      | 12.90                   | 6,926.59                    | 6927.60                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-05        | 11/02/22                  | 4.00                   | 17.75                 | 11.67                 | 1.20                      | 12.87                   | 6,926.62                    | 6927.58                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-05        | 12/09/22                  | 4.00                   | 17.75                 | 12.50                 | 0.53                      | 13.03                   | 6,926.46                    | 6926.88                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-05        | 1/30/2023                 | 4.00                   | 17.75                 | 12.52                 | 0.50                      | 13.02                   | 6,926.47                    | 6926.87                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-05        | 2/28/2023                 | 4.00                   | 17.75                 | 12.25                 | 0.42                      | 12.67                   | 6,926.82                    | 6927.16                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-05        | 3/31/2023                 | 4.00                   | 17.75                 | 11.59                 | 1.70                      | 13.29                   | 6,926.20                    | 6927.56                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-05        | 4/12/2023                 | 4.00                   | 17.75                 | 11.53                 | 0.42                      | 11.95                   | 6,927.54                    | 6927.88                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-05        | 5/15/2023                 | 4.00                   | 17.75                 | 11.54                 | 0.43                      | 11.97                   | 6,927.52                    | 6927.86                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-05        | 6/1/2023                  | 4.00                   | 17.75                 | 11.41                 | 0.44                      | 11.85                   | 6,927.64                    | 6927.99                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-05        | 7/19/2023                 | 4.00                   | 17.75                 | 13.11                 | 0.18                      | 13.29                   | 6,926.20                    | 6926.34                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-05        | 8/21/2023                 | 4.00                   | 17.75                 | 12.42                 | 0.45                      | 12.87                   | 6,926.62                    | 6926.98                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-05        | 9/6/2023                  | 4.00                   | 17.75                 | 12.44                 | 0.41                      | 12.85                   | 6,926.64                    | 6926.97                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground-water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| MKTF-06        | 06/01/21                  | 4.00                   | 23.85                 | 15.52                 | 0.16                      | 15.68                   | 6,928.56                    | 6928.69                                           | 8 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-06        | 07/06/21                  | 4.00                   | 23.85                 | 15.98                 | 0.52                      | 16.50                   | 6,927.74                    | 6928.16                                           | 8 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-06        | 08/26/21                  | 4.00                   | 23.85                 | 15.18                 | 0.85                      | 16.03                   | 6,928.21                    | 6928.89                                           | 8 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-06        | 09/07/21                  | 4.00                   | 23.85                 | 15.41                 | 0.68                      | 16.09                   | 6,928.15                    | 6928.69                                           | 8 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-06        | 10/27/21                  | 4.00                   | 23.85                 | 14.78                 | 1.32                      | 16.10                   | 6,928.14                    | 6929.20                                           | 8 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-06        | 11/17/21                  | 4.00                   | 23.85                 | 14.87                 | 1.21                      | 16.08                   | 6,928.16                    | 6929.13                                           | 8 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-06        | 12/03/21                  | 4.00                   | 23.85                 | 15.44                 | 0.95                      | 16.39                   | 6,927.85                    | 6928.61                                           | 8 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-06        | 01/10/22                  | 4.00                   | 23.85                 | 14.93                 | 0.03                      | 14.96                   | 6,929.28                    | 6929.30                                           | 8 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-06        | 02/28/22                  | 4.00                   | 23.85                 | 15.18                 | 0.69                      | 15.87                   | 6,928.37                    | 6928.92                                           | 8 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-06        | 03/02/22                  | 4.00                   | 23.85                 | 15.43                 | 0.95                      | 16.38                   | 6,927.86                    | 6928.62                                           | 8 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-06        | 04/27/22                  | 4.00                   | 23.85                 | 15.96                 | 1.22                      | 17.18                   | 6,927.06                    | 6928.04                                           | 8 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-06        | 05/03/22                  | 4.00                   | 23.85                 | 16.06                 | 1.26                      | 17.32                   | 6,926.92                    | 6927.93                                           | 8 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-06        | 06/01/22                  | 4.00                   | 23.86                 | 16.23                 | 1.30                      | 17.53                   | 6,926.71                    | 6927.75                                           | 8 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-06        | 07/06/22                  | 4.00                   | 23.86                 | 14.63                 | 1.85                      | 16.48                   | 6,927.76                    | 6929.24                                           | 8 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-06        | 08/08/22                  | 4.00                   | 23.87                 | 14.87                 | 1.82                      | 16.69                   | 6,927.55                    | 6929.01                                           | 8 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-06        | 09/01/22                  | 4.00                   | 23.87                 | 15.93                 | 1.23                      | 17.16                   | 6,927.08                    | 6928.06                                           | 8 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-06        | 10/03/22                  | 4.00                   | 23.88                 | 15.97                 | 1.27                      | 17.24                   | 6,927.00                    | 6928.02                                           | 8 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-06        | 11/02/22                  | 4.00                   | 23.88                 | 15.99                 | 1.27                      | 17.26                   | 6,926.98                    | 6928.00                                           | 8 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-06        | 12/06/22                  | 4.00                   | 23.89                 | 14.98                 | 1.33                      | 16.31                   | 6,927.93                    | 6928.99                                           | 8 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-06        | 01/30/23                  | 4.00                   | 23.88                 | 14.96                 | 1.32                      | 16.28                   | 6,927.96                    | 6929.02                                           | 8 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-06        | 02/28/23                  | 4.00                   | 23.88                 | 14.93                 | 1.25                      | 16.18                   | 6,928.06                    | 6929.06                                           | 8 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-06        | 03/31/23                  | 4.00                   | 23.89                 | 15.75                 | 1.18                      | 16.93                   | 6,927.31                    | 6928.25                                           | 8 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-06        | 04/12/23                  | 4.00                   | 23.88                 | 14.63                 | 1.51                      | 16.14                   | 6,928.10                    | 6929.31                                           | 8 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-06        | 05/15/23                  | 4.00                   | 23.88                 | 14.61                 | 1.47                      | 16.08                   | 6,928.16                    | 6929.34                                           | 8 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-06        | 06/01/23                  | 4.00                   | 23.89                 | 14.66                 | 1.46                      | 16.12                   | 6,928.12                    | 6929.29                                           | 8 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-06        | 07/18/23                  | 4.00                   | 23.88                 | 16.38                 | 1.17                      | 17.55                   | 6,926.69                    | 6927.63                                           | 8 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-06        | 08/21/23                  | 4.00                   | 23.88                 | 17.13                 | 0.10                      | 17.23                   | 6,927.01                    | 6927.09                                           | 8 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-06        | 09/06/23                  | 4.00                   | 23.89                 | 17.09                 | 0.09                      | 17.18                   | 6,927.06                    | 6927.13                                           | 8 - 20                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |



**TABLE 3A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground-water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| MKTF-07        | 06/01/21                  | 4.00                   | 17.86                 | 10.74                 | 0.11                      | 10.85                   | 6,933.55                    | 6933.64                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-07        | 07/06/21                  | 4.00                   | 17.86                 | 10.57                 | 0.34                      | 10.91                   | 6,933.49                    | 6933.76                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-07        | 08/02/21                  | 4.00                   | 17.86                 | 10.61                 | 0.46                      | 11.07                   | 6,933.33                    | 6933.70                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-07        | 09/07/21                  | 4.00                   | 17.86                 | 10.48                 | 0.42                      | 10.90                   | 6,933.50                    | 6933.84                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-07        | 10/27/21                  | 4.00                   | 17.86                 | 10.67                 | 0.19                      | 10.86                   | 6,933.54                    | 6933.69                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-07        | 11/02/21                  | 4.00                   | 17.86                 | 10.68                 | 0.19                      | 10.87                   | 6,933.53                    | 6933.68                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-07        | 12/03/21                  | 4.00                   | 17.86                 | 11.11                 | 0.14                      | 11.25                   | 6,933.15                    | 6933.26                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-07        | 01/10/22                  | 4.00                   | 17.86                 | 11.69                 | 0.04                      | 11.73                   | 6,932.67                    | 6932.70                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-07        | 02/28/22                  | 4.00                   | 17.86                 | ND                    | NA                        | 11.33                   | 6,933.07                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-07        | 03/02/22                  | 4.00                   | 17.86                 | 11.14                 | 0.08                      | 11.22                   | 6,933.18                    | 6933.24                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-07        | 04/27/22                  | 4.00                   | 17.86                 | 12.05                 | 0.03                      | 12.08                   | 6,932.32                    | 6932.34                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-07        | 05/03/22                  | 4.00                   | 17.86                 | 12.12                 | 0.03                      | 12.15                   | 6,932.25                    | 6932.27                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-07        | 06/01/22                  | 4.00                   | 17.85                 | 12.34                 | 0.03                      | 12.37                   | 6,932.03                    | 6932.05                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-07        | 07/06/22                  | 4.00                   | 17.85                 | 12.30                 | 0.03                      | 12.33                   | 6,932.07                    | 6932.09                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-07        | 08/08/22                  | 4.00                   | 17.85                 | 12.02                 | 0.05                      | 12.07                   | 6,932.33                    | 6932.37                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-07        | 09/01/22                  | 4.00                   | 17.85                 | 11.98                 | 0.12                      | 12.10                   | 6,932.30                    | 6932.40                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-07        | 10/03/22                  | 4.00                   | 17.85                 | 11.92                 | 0.55                      | 12.47                   | 6,931.93                    | 6932.37                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-07        | 11/02/22                  | 4.00                   | 17.85                 | 11.97                 | 0.46                      | 12.43                   | 6,931.97                    | 6932.34                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-07        | 12/09/22                  | 4.00                   | 17.85                 | 12.28                 | 0.35                      | 12.63                   | 6,931.77                    | 6932.05                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-07        | 01/30/23                  | 4.00                   | 17.85                 | 12.31                 | 0.34                      | 12.65                   | 6,931.75                    | 6932.02                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-07        | 02/28/23                  | 4.00                   | 17.85                 | 12.37                 | 0.24                      | 12.61                   | 6,931.79                    | 6931.98                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-07        | 03/31/23                  | 4.00                   | 17.85                 | 11.75                 | 0.13                      | 11.88                   | 6,932.52                    | 6932.62                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-07        | 04/12/23                  | 4.00                   | 17.85                 | 11.39                 | 0.03                      | 11.42                   | 6,932.98                    | 6933.00                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-07        | 05/16/23                  | 4.00                   | 17.85                 | 11.74                 | 0.28                      | 12.02                   | 6,932.38                    | 6932.60                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-07        | 06/01/23                  | 4.00                   | 17.85                 | 11.82                 | 0.30                      | 12.12                   | 6,932.28                    | 6932.52                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-07        | 07/18/23                  | 4.00                   | 17.85                 | 12.12                 | 0.10                      | 12.22                   | 6,932.18                    | 6932.26                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-07        | 08/21/23                  | 4.00                   | 17.85                 | 12.17                 | 0.05                      | 12.22                   | 6,932.18                    | 6932.22                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-07        | 09/06/23                  | 4.00                   | 17.85                 | 12.15                 | 0.08                      | 12.23                   | 6,932.17                    | 6932.23                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground-water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| MKTF-08        | 06/01/21                  | 4.00                   | 22.00                 | 11.64                 | 0.08                      | 11.72                   | 6,932.30                    | 6932.36                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-08        | 07/06/21                  | 4.00                   | 22.00                 | 11.90                 | 0.36                      | 12.26                   | 6,931.76                    | 6932.05                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-08        | 08/02/21                  | 4.00                   | 22.00                 | 11.86                 | 0.16                      | 12.02                   | 6,932.00                    | 6932.13                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-08        | 09/07/21                  | 4.00                   | 22.00                 | 11.70                 | 0.22                      | 11.92                   | 6,932.10                    | 6932.28                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-08        | 10/27/21                  | 4.00                   | 22.00                 | 11.68                 | 0.35                      | 12.03                   | 6,931.99                    | 6932.27                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-08        | 11/02/21                  | 4.00                   | 22.00                 | 11.66                 | 0.48                      | 12.14                   | 6,931.88                    | 6932.26                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-08        | 12/03/21                  | 4.00                   | 22.00                 | 11.96                 | 0.34                      | 12.30                   | 6,931.72                    | 6931.99                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-08        | 01/10/22                  | 4.00                   | 22.00                 | 12.13                 | 0.15                      | 12.28                   | 6,931.74                    | 6931.86                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-08        | 02/28/22                  | 4.00                   | 22.00                 | 11.68                 | 0.05                      | 11.73                   | 6,932.29                    | 6932.33                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-08        | 03/02/22                  | 4.00                   | 22.00                 | 11.93                 | 0.33                      | 12.26                   | 6,931.76                    | 6932.02                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-08        | 04/27/22                  | 4.00                   | 22.00                 | 12.64                 | 0.29                      | 12.93                   | 6,931.09                    | 6931.32                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-08        | 05/03/22                  | 4.00                   | 22.00                 | 12.71                 | 0.38                      | 13.09                   | 6,930.93                    | 6931.23                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-08        | 06/01/22                  | 4.00                   | 22.03                 | 12.83                 | 0.78                      | 13.61                   | 6,930.41                    | 6931.03                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-08        | 07/06/22                  | 4.00                   | 22.03                 | 12.69                 | 0.39                      | 13.08                   | 6,930.94                    | 6931.25                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-08        | 08/08/22                  | 4.00                   | 22.03                 | 12.40                 | 0.68                      | 13.08                   | 6,930.94                    | 6931.48                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-08        | 09/01/22                  | 4.00                   | 22.03                 | 12.29                 | 1.42                      | 13.71                   | 6,930.31                    | 6931.45                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-08        | 10/03/22                  | 4.00                   | 22.03                 | 11.87                 | 3.44                      | 15.31                   | 6,928.71                    | 6931.46                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-08        | 11/02/22                  | 4.00                   | 22.03                 | 11.88                 | 3.43                      | 15.31                   | 6,928.71                    | 6931.45                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-08        | 12/06/22                  | 4.00                   | 22.03                 | 12.24                 | 3.00                      | 15.24                   | 6,928.78                    | 6931.18                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-08        | 01/30/23                  | 4.00                   | 22.03                 | 12.23                 | 3.00                      | 15.23                   | 6,928.79                    | 6931.19                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-08        | 02/28/23                  | 4.00                   | 22.03                 | 12.18                 | 2.93                      | 15.11                   | 6,928.91                    | 6931.25                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-08        | 03/31/23                  | 4.00                   | 22.03                 | 12.03                 | 1.36                      | 13.39                   | 6,930.63                    | 6931.72                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-08        | 04/12/23                  | 4.00                   | 22.03                 | ND                    | NA                        | 11.47                   | 6,932.55                    | NA                                                | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-08        | 05/16/23                  | 4.00                   | 22.03                 | 12.23                 | 0.15                      | 12.38                   | 6,931.64                    | 6931.76                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-08        | 06/01/23                  | 4.00                   | 22.03                 | 12.16                 | 0.17                      | 12.33                   | 6,931.69                    | 6931.83                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-08        | 07/18/23                  | 4.00                   | 22.03                 | 12.83                 | 1.14                      | 13.97                   | 6,930.05                    | 6930.96                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-08        | 08/21/23                  | 4.00                   | 22.03                 | 12.93                 | 0.95                      | 13.88                   | 6,930.14                    | 6930.90                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-08        | 09/06/23                  | 4.00                   | 22.03                 | 12.91                 | 0.93                      | 13.84                   | 6,930.18                    | 6930.92                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground-water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| MKTF-09        | 06/01/21                  | 4.00                   | 22.70                 | 11.99                 | 0.03                      | 12.02                   | 6,931.55                    | 6931.57                                           | 7 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-09        | 07/06/21                  | 4.00                   | 22.70                 | 12.27                 | 0.02                      | 12.29                   | 6,931.28                    | 6931.30                                           | 7 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-09        | 08/26/21                  | 4.00                   | 22.70                 | 12.18                 | 0.04                      | 12.22                   | 6,931.35                    | 6931.38                                           | 7 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-09        | 09/07/21                  | 4.00                   | 22.70                 | 12.25                 | 0.03                      | 12.28                   | 6,931.29                    | 6931.31                                           | 7 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-09        | 10/27/21                  | 4.00                   | 22.70                 | ND                    | NA                        | 12.07                   | 6,931.50                    | NA                                                | 7 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-09        | 11/17/21                  | 4.00                   | 22.70                 | ND                    | NA                        | 12.14                   | 6,931.43                    | NA                                                | 7 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-09        | 12/03/21                  | 4.00                   | 22.70                 | 12.16                 | 0.04                      | 12.20                   | 6,931.37                    | 6931.40                                           | 7 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-09        | 01/10/22                  | 4.00                   | 22.70                 | 12.35                 | 0.03                      | 12.38                   | 6,931.19                    | 6931.21                                           | 7 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-09        | 02/28/22                  | 4.00                   | 22.70                 | 12.19                 | 0.16                      | 12.35                   | 6,931.22                    | 6931.35                                           | 7 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-09        | 03/02/22                  | 4.00                   | 22.70                 | 12.18                 | 0.04                      | 12.22                   | 6,931.35                    | 6931.38                                           | 7 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-09        | 04/27/22                  | 4.00                   | 22.70                 | ND                    | NA                        | 13.12                   | 6,930.45                    | NA                                                | 7 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-09        | 05/05/22                  | 4.00                   | 22.70                 | ND                    | NA                        | 13.08                   | 6,930.49                    | NA                                                | 7 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-09        | 06/01/22                  | 4.00                   | 22.70                 | 12.20                 | 0.03                      | 12.23                   | 6,931.34                    | 6931.36                                           | 7 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-09        | 07/06/22                  | 4.00                   | 22.70                 | 12.84                 | 0.03                      | 12.87                   | 6,930.70                    | 6930.72                                           | 7 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-09        | 08/08/22                  | 4.00                   | 22.70                 | 13.09                 | 0.03                      | 13.12                   | 6,930.45                    | 6930.47                                           | 7 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-09        | 09/01/22                  | 4.00                   | 22.70                 | 12.27                 | 0.04                      | 12.31                   | 6,931.26                    | 6931.29                                           | 7 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-09        | 10/03/22                  | 4.00                   | 22.70                 | 12.22                 | 0.05                      | 12.27                   | 6,931.30                    | 6931.34                                           | 7 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-09        | 11/02/22                  | 4.00                   | 22.70                 | 12.19                 | 0.07                      | 12.26                   | 6,931.31                    | 6931.37                                           | 7 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-09        | 12/06/22                  | 4.00                   | 22.70                 | 12.39                 | 0.08                      | 12.47                   | 6,931.10                    | 6931.16                                           | 7 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-09        | 01/30/23                  | 4.00                   | 22.70                 | 12.42                 | 0.07                      | 12.49                   | 6,931.08                    | 6931.14                                           | 7 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-09        | 02/28/23                  | 4.00                   | 22.70                 | 12.38                 | 0.09                      | 12.47                   | 6,931.10                    | 6931.17                                           | 7 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-09        | 03/31/23                  | 4.00                   | 22.70                 | 12.09                 | 0.06                      | 12.15                   | 6,931.42                    | 6931.47                                           | 7 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-09        | 04/12/23                  | 4.00                   | 22.70                 | ND                    | NA                        | 11.41                   | 6,932.16                    | NA                                                | 7 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-09        | 05/16/23                  | 4.00                   | 22.70                 | ND                    | NA                        | 11.42                   | 6,932.15                    | NA                                                | 7 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-09        | 06/01/23                  | 4.00                   | 22.70                 | ND                    | NA                        | 12.77                   | 6,930.80                    | NA                                                | 7 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-09        | 07/24/23                  | 4.00                   | 22.70                 | ND                    | NA                        | 12.95                   | 6,930.62                    | NA                                                | 7 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-09        | 08/21/23                  | 4.00                   | 22.70                 | ND                    | NA                        | 13.49                   | 6,930.08                    | NA                                                | 7 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-09        | 09/06/23                  | 4.00                   | 22.70                 | ND                    | NA                        | 13.47                   | 6,930.10                    | NA                                                | 7 - 19                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |



**TABLE 3A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground-water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| MKTF-10        | 06/01/21                  | 4.00                   | 16.50                 | ND                    | NA                        | 8.04                    | 6,929.47                    | NA                                                | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-10        | 07/06/21                  | 4.00                   | 16.50                 | ND                    | NA                        | 8.79                    | 6,928.72                    | NA                                                | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-10        | 08/26/21                  | 4.00                   | 16.50                 | ND                    | NA                        | 8.45                    | 6,929.06                    | NA                                                | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-10        | 09/09/21                  | 4.00                   | 16.50                 | ND                    | NA                        | 8.55                    | 6,928.96                    | NA                                                | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-10        | 10/27/21                  | 4.00                   | 16.50                 | ND                    | NA                        | 8.35                    | 6,929.16                    | NA                                                | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-10        | 11/17/21                  | 4.00                   | 16.50                 | ND                    | NA                        | 8.49                    | 6,929.02                    | NA                                                | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-10        | 12/15/21                  | 4.00                   | 16.60                 | ND                    | NA                        | 8.69                    | 6,928.82                    | NA                                                | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-10        | 01/10/22                  | 4.00                   | 16.60                 | ND                    | NA                        | 10.06                   | 6,927.45                    | NA                                                | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-10        | 02/28/22                  | 4.00                   | 16.60                 | ND                    | NA                        | 9.90                    | 6,927.61                    | NA                                                | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-10        | 03/01/22                  | 4.00                   | 16.61                 | ND                    | NA                        | 8.65                    | 6,928.86                    | NA                                                | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-10        | 04/27/22                  | 4.00                   | 16.61                 | ND                    | NA                        | 9.22                    | 6,928.29                    | NA                                                | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-10        | 05/05/22                  | 4.00                   | 16.61                 | ND                    | NA                        | 9.80                    | 6,927.71                    | NA                                                | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-10        | 06/01/22                  | 4.00                   | 16.61                 | ND                    | NA                        | 8.65                    | 6,928.86                    | NA                                                | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-10        | 07/06/22                  | 4.00                   | 16.61                 | 8.46                  | 0.25                      | 8.71                    | 6,928.80                    | 6929.00                                           | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-10        | 08/08/22                  | 4.00                   | 16.61                 | 8.18                  | 0.27                      | 8.45                    | 6,929.06                    | 6929.28                                           | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-10        | 09/01/22                  | 4.00                   | 16.61                 | 8.44                  | 0.12                      | 8.56                    | 6,928.95                    | 6929.05                                           | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-10        | 10/03/22                  | 4.00                   | 16.61                 | 8.48                  | 0.12                      | 8.60                    | 6,928.91                    | 6929.01                                           | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-10        | 11/02/22                  | 4.00                   | 16.61                 | 8.50                  | 0.08                      | 8.58                    | 6,928.93                    | 6928.99                                           | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-10        | 12/06/22                  | 4.00                   | 16.61                 | 8.55                  | 0.09                      | 8.64                    | 6,928.87                    | 6928.94                                           | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-10        | 01/30/23                  | 4.00                   | 16.61                 | 8.53                  | 0.12                      | 8.65                    | 6,928.86                    | 6928.96                                           | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-10        | 02/28/23                  | 4.00                   | 16.61                 | 8.58                  | 0.12                      | 8.70                    | 6,928.81                    | 6928.91                                           | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-10        | 03/31/23                  | 4.00                   | 16.61                 | 8.33                  | 0.12                      | 8.45                    | 6,929.06                    | 6929.16                                           | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-10        | 04/12/23                  | 4.00                   | 16.61                 | 8.33                  | 3.35                      | 11.68                   | 6,925.83                    | 6928.51                                           | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-10        | 05/16/23                  | 4.00                   | 16.61                 | 8.35                  | 3.35                      | 11.70                   | 6,925.81                    | 6928.49                                           | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-10        | 06/01/23                  | 4.00                   | 16.61                 | 8.38                  | 3.27                      | 11.65                   | 6,925.86                    | 6928.48                                           | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-10        | 07/24/23                  | 4.00                   | 16.61                 | 8.44                  | 3.13                      | 11.57                   | 6,925.94                    | 6928.44                                           | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-10        | 08/18/23                  | 4.00                   | 16.61                 | 9.77                  | 7.08                      | 16.85                   | 6,920.66                    | 6926.32                                           | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-10        | 09/06/23                  | 4.00                   | 16.61                 | 9.76                  | 7.06                      | 16.82                   | 6,920.69                    | 6926.34                                           | 7 - 17                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground-water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| MKTF-11        | 06/01/21                  | 4.00                   | 18.53                 | ND                    | NA                        | 7.83                    | 6,923.78                    | NA                                                | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-11        | 07/06/21                  | 4.00                   | 18.53                 | ND                    | NA                        | 8.57                    | 6,923.04                    | NA                                                | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-11        | 08/26/21                  | 4.00                   | 18.53                 | ND                    | NA                        | 8.45                    | 6,923.16                    | NA                                                | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-11        | 09/09/21                  | 4.00                   | 18.53                 | ND                    | NA                        | 8.86                    | 6,922.75                    | NA                                                | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-11        | 10/27/21                  | 4.00                   | 18.53                 | ND                    | NA                        | 8.42                    | 6,923.19                    | NA                                                | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-11        | 11/17/21                  | 4.00                   | 18.53                 | ND                    | NA                        | 8.46                    | 6,923.15                    | NA                                                | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-11        | 12/15/21                  | 4.00                   | 18.53                 | ND                    | NA                        | 8.69                    | 6,922.92                    | NA                                                | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-11        | 01/10/22                  | 4.00                   | 18.53                 | ND                    | NA                        | 8.79                    | 6,922.82                    | NA                                                | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-11        | 02/28/22                  | 4.00                   | 18.53                 | ND                    | NA                        | 8.71                    | 6,922.90                    | NA                                                | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-11        | 03/02/22                  | 4.00                   | 18.53                 | ND                    | NA                        | 8.11                    | 6,923.50                    | NA                                                | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-11        | 04/27/22                  | 4.00                   | 18.53                 | ND                    | NA                        | 8.55                    | 6,923.06                    | NA                                                | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-11        | 05/05/22                  | 4.00                   | 18.53                 | ND                    | NA                        | 8.71                    | 6,922.90                    | NA                                                | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-11        | 06/01/22                  | 4.00                   | 18.50                 | ND                    | NA                        | 9.07                    | 6,922.54                    | NA                                                | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-11        | 07/06/22                  | 4.00                   | 18.49                 | ND                    | NA                        | 8.80                    | 6,922.81                    | NA                                                | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-11        | 08/08/22                  | 4.00                   | 18.48                 | ND                    | NA                        | 9.23                    | 6,922.38                    | NA                                                | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-11        | 09/01/22                  | 4.00                   | 18.46                 | ND                    | NA                        | 8.96                    | 6,922.65                    | NA                                                | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-11        | 10/03/22                  | 4.00                   | 18.45                 | ND                    | NA                        | 9.01                    | 6,922.60                    | NA                                                | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-11        | 11/02/22                  | 4.00                   | 18.43                 | ND                    | NA                        | 9.01                    | 6,922.60                    | NA                                                | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-11        | 12/06/22                  | 4.00                   | 18.42                 | 9.04                  | 0.05                      | 9.09                    | 6,922.52                    | 6922.56                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-11        | 1/30/2023                 | 4.00                   | 18.45                 | 9.07                  | 0.04                      | 9.11                    | 6,922.50                    | 6922.53                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-11        | 2/28/2023                 | 4.00                   | 18.43                 | 9.04                  | 0.04                      | 9.08                    | 6,922.53                    | 6922.56                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-11        | 3/31/2023                 | 4.00                   | 18.42                 | 8.87                  | 0.05                      | 8.92                    | 6,922.69                    | 6922.73                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-11        | 4/12/2023                 | 4.00                   | 18.45                 | 8.38                  | 0.01                      | 8.39                    | 6,923.22                    | 6923.23                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-11        | 5/16/2023                 | 4.00                   | 18.43                 | 8.37                  | 0.03                      | 8.40                    | 6,923.21                    | 6923.23                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-11        | 6/1/2023                  | 4.00                   | 18.42                 | 8.35                  | 0.02                      | 8.37                    | 6,923.24                    | 6923.26                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-11        | 7/24/2023                 | 4.00                   | 18.45                 | 8.25                  | 0.03                      | 8.28                    | 6,923.33                    | 6923.35                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-11        | 8/18/2023                 | 4.00                   | 18.43                 | ND                    | NA                        | 9.47                    | 6,922.14                    | NA                                                | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-11        | 9/6/2023                  | 4.00                   | 18.42                 | ND                    | NA                        | 9.44                    | 6,922.17                    | NA                                                | 8 - 18                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground-water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| MKTF-12        | 06/01/21                  | 4.00                   | 25.85                 | 16.62                 | 0.05                      | 16.67                   | 6,923.03                    | 6923.07                                           | 12 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-12        | 07/06/21                  | 4.00                   | 25.85                 | 16.57                 | 0.05                      | 16.62                   | 6,923.08                    | 6923.12                                           | 12 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-12        | 08/26/21                  | 4.00                   | 25.85                 | 16.71                 | 0.10                      | 16.81                   | 6,922.89                    | 6922.97                                           | 12 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-12        | 09/09/21                  | 4.00                   | 25.85                 | 16.60                 | 0.08                      | 16.68                   | 6,923.02                    | 6923.08                                           | 12 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-12        | 10/27/21                  | 4.00                   | 25.85                 | 16.59                 | 0.03                      | 16.62                   | 6,923.08                    | 6923.10                                           | 12 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-12        | 11/17/21                  | 4.00                   | 25.85                 | 16.57                 | 0.10                      | 16.67                   | 6,923.03                    | 6923.11                                           | 12 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-12        | 12/03/21                  | 4.00                   | 25.85                 | 16.68                 | 0.11                      | 16.79                   | 6,922.91                    | 6923.00                                           | 12 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-12        | 01/10/22                  | 4.00                   | 25.85                 | 16.48                 | 0.21                      | 16.69                   | 6,923.01                    | 6923.18                                           | 12 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-12        | 02/28/22                  | 4.00                   | 25.85                 | 16.71                 | 0.08                      | 16.79                   | 6,922.91                    | 6922.97                                           | 12 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-12        | 03/02/22                  | 4.00                   | 25.88                 | 16.71                 | 0.07                      | 16.78                   | 6,922.92                    | 6922.98                                           | 12 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-12        | 04/27/22                  | 4.00                   | 25.88                 | 17.09                 | 0.05                      | 17.14                   | 6,922.56                    | 6922.60                                           | 12 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-12        | 05/05/22                  | 4.00                   | 25.88                 | 16.92                 | 0.08                      | 17.00                   | 6,922.70                    | 6922.76                                           | 12 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-12        | 06/01/22                  | 4.00                   | 25.90                 | 16.79                 | 0.07                      | 16.86                   | 6,922.84                    | 6922.90                                           | 12 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-12        | 07/06/22                  | 4.00                   | 25.92                 | 14.40                 | 0.08                      | 14.48                   | 6,925.22                    | 6925.28                                           | 12 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-12        | 08/08/22                  | 4.00                   | 25.94                 | 15.47                 | 0.07                      | 15.54                   | 6,924.16                    | 6924.22                                           | 12 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-12        | 09/01/22                  | 4.00                   | 25.96                 | 17.02                 | 0.07                      | 17.09                   | 6,922.61                    | 6922.67                                           | 12 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-12        | 10/03/22                  | 4.00                   | 25.98                 | 17.19                 | 0.15                      | 17.34                   | 6,922.36                    | 6922.48                                           | 12 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-12        | 11/02/22                  | 4.00                   | 26.00                 | 17.22                 | 0.13                      | 17.35                   | 6,922.35                    | 6922.45                                           | 12 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-12        | 12/06/22                  | 4.00                   | 26.02                 | 17.54                 | 0.16                      | 17.70                   | 6,922.00                    | 6922.13                                           | 12 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-12        | 01/30/23                  | 4.00                   | 25.98                 | 17.62                 | 0.11                      | 17.73                   | 6,921.97                    | 6922.06                                           | 12 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-12        | 02/28/23                  | 4.00                   | 26.00                 | 17.57                 | 0.11                      | 17.68                   | 6,922.02                    | 6922.11                                           | 12 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-12        | 03/06/23                  | 4.00                   | 26.02                 | 16.64                 | 0.05                      | 16.69                   | 6,923.01                    | 6923.05                                           | 12 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-12        | 4/12/2023                 | 4.00                   | 25.98                 | 16.00                 | 0.04                      | 16.04                   | 6,923.66                    | 6923.69                                           | 12 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-12        | 05/15/23                  | 4.00                   | 26.00                 | 16.80                 | 0.07                      | 16.87                   | 6,922.83                    | 6922.89                                           | 12 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-12        | 06/01/23                  | 4.00                   | 26.02                 | 17.11                 | 0.10                      | 17.21                   | 6,922.49                    | 6922.57                                           | 12 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-12        | 07/24/23                  | 4.00                   | 26.02                 | 17.09                 | 0.08                      | 17.17                   | 6,922.53                    | 6922.59                                           | 12 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-12        | 08/22/23                  | 4.00                   | 26.02                 | 16.99                 | 0.07                      | 17.06                   | 6,922.64                    | 6922.70                                           | 12 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-12        | 09/06/23                  | 4.00                   | 26.02                 | 17.02                 | 0.07                      | 17.09                   | 6,922.61                    | 6922.67                                           | 12 - 22                                    | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |



**TABLE 3A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground-water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| MKTF-13        | 06/01/21                  | 4.00                   | 21.75                 | 10.42                 | 3.74                      | 14.16                   | 6,919.51                    | 6922.50                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-13        | 07/06/21                  | 4.00                   | 21.75                 | 12.34                 | 3.65                      | 15.99                   | 6,917.68                    | 6920.60                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-13        | 08/09/21                  | 4.00                   | 21.75                 | 11.29                 | 4.38                      | 15.67                   | 6,918.00                    | 6921.50                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-13        | 09/07/21                  | 4.00                   | 21.75                 | 11.49                 | 3.60                      | 15.09                   | 6,918.58                    | 6921.46                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-13        | 10/27/21                  | 4.00                   | 21.75                 | 11.54                 | 2.91                      | 14.45                   | 6,919.22                    | 6921.55                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-13        | 11/02/21                  | 4.00                   | 21.75                 | 11.60                 | 2.84                      | 14.44                   | 6,919.23                    | 6921.50                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-13        | 12/03/21                  | 4.00                   | 21.75                 | 11.96                 | 2.35                      | 14.31                   | 6,919.36                    | 6921.24                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-13        | 01/10/22                  | 4.00                   | 21.75                 | 9.32                  | 3.95                      | 13.27                   | 6,920.40                    | 6923.56                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-13        | 02/28/22                  | 4.00                   | 21.75                 | 9.29                  | 3.95                      | 13.24                   | 6,920.43                    | 6923.59                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-13        | 03/01/22                  | 4.00                   | 21.75                 | 11.93                 | 2.34                      | 14.27                   | 6,919.40                    | 6921.27                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-13        | 04/27/22                  | 4.00                   | 21.75                 | 12.46                 | 1.07                      | 13.53                   | 6,920.14                    | 6921.00                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-13        | 05/03/22                  | 4.00                   | 21.75                 | 12.53                 | 1.03                      | 13.56                   | 6,920.11                    | 6920.93                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-13        | 06/01/22                  | 4.00                   | 21.75                 | 12.28                 | 1.36                      | 13.64                   | 6,920.03                    | 6921.12                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-13        | 07/06/22                  | 4.00                   | 21.75                 | 12.61                 | 1.54                      | 14.15                   | 6,919.52                    | 6920.75                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-13        | 08/08/22                  | 4.00                   | 21.75                 | 12.11                 | 1.75                      | 13.86                   | 6,919.81                    | 6921.21                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-13        | 09/01/22                  | 4.00                   | 21.75                 | 12.09                 | 1.51                      | 13.60                   | 6,920.07                    | 6921.28                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-13        | 10/03/22                  | 4.00                   | 21.75                 | 11.87                 | 1.65                      | 13.52                   | 6,920.15                    | 6921.47                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-13        | 11/02/22                  | 4.00                   | 21.75                 | 11.89                 | 1.60                      | 13.49                   | 6,920.18                    | 6921.46                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-13        | 12/09/22                  | 4.00                   | 21.75                 | 13.37                 | 0.82                      | 14.19                   | 6,919.48                    | 6920.14                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-13        | 01/30/23                  | 4.00                   | 21.75                 | 13.29                 | 0.88                      | 14.17                   | 6,919.50                    | 6920.20                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-13        | 02/28/23                  | 4.00                   | 21.75                 | 13.32                 | 0.87                      | 14.19                   | 6,919.48                    | 6920.18                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-13        | 03/07/23                  | 4.00                   | 21.75                 | 11.64                 | 3.00                      | 14.64                   | 6,919.03                    | 6921.43                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-13        | 04/12/23                  | 4.00                   | 21.75                 | 10.69                 | 4.47                      | 15.16                   | 6,918.51                    | 6922.09                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-13        | 05/15/23                  | 4.00                   | 21.75                 | 11.07                 | 4.54                      | 15.61                   | 6,918.06                    | 6921.69                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-13        | 06/01/23                  | 4.00                   | 21.75                 | 12.09                 | 3.59                      | 15.68                   | 6,917.99                    | 6920.86                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-13        | 07/18/23                  | 4.00                   | 21.75                 | 12.89                 | 3.70                      | 16.59                   | 6,917.08                    | 6920.04                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-13        | 08/21/23                  | 4.00                   | 21.75                 | 11.89                 | 5.10                      | 16.99                   | 6,916.68                    | 6920.76                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-13        | 09/06/23                  | 4.00                   | 21.75                 | 11.82                 | 5.10                      | 16.92                   | 6,916.75                    | 6920.83                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground-water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| MKTF-14        | 06/01/21                  | 4.00                   | 17.55                 | 3.44                  | 0.16                      | 3.60                    | 6,922.05                    | 6922.18                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-14        | 07/21/21                  | 4.00                   | 17.55                 | 3.86                  | 0.45                      | 4.31                    | 6,921.34                    | 6921.70                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-14        | 08/25/21                  | 4.00                   | 17.55                 | 4.63                  | 0.17                      | 4.80                    | 6,920.85                    | 6920.99                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-14        | 09/07/21                  | 4.00                   | 17.55                 | 4.65                  | 0.17                      | 4.82                    | 6,920.83                    | 6920.97                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-14        | 10/27/21                  | 4.00                   | 17.55                 | 4.56                  | 0.02                      | 4.58                    | 6,921.07                    | 6921.09                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-14        | 11/02/21                  | 4.00                   | 17.55                 | ND                    | NA                        | 4.64                    | 6,921.01                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-14        | 12/03/21                  | 4.00                   | 17.55                 | 4.80                  | 0.22                      | 5.02                    | 6,920.63                    | 6920.81                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-14        | 01/10/22                  | 4.00                   | 17.55                 | 4.83                  | 0.24                      | 5.07                    | 6,920.58                    | 6920.77                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-14        | 02/28/22                  | 4.00                   | 17.55                 | 4.75                  | 0.30                      | 5.05                    | 6,920.60                    | 6920.84                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-14        | 03/01/22                  | 4.00                   | 17.55                 | 4.78                  | 0.21                      | 4.99                    | 6,920.66                    | 6920.83                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-14        | 04/27/22                  | 4.00                   | 17.55                 | 4.91                  | 0.23                      | 5.14                    | 6,920.51                    | 6920.69                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-14        | 05/02/22                  | 4.00                   | 17.55                 | 4.92                  | 0.25                      | 5.17                    | 6,920.48                    | 6920.68                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-14        | 06/01/22                  | 4.00                   | 17.58                 | 4.88                  | 0.45                      | 5.33                    | 6,920.32                    | 6920.68                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-14        | 07/06/22                  | 4.00                   | 17.59                 | 3.72                  | 0.26                      | 3.98                    | 6,921.67                    | 6921.88                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-14        | 08/08/22                  | 4.00                   | 17.61                 | 4.60                  | 0.01                      | 4.61                    | 6,921.04                    | 6921.05                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-14        | 09/01/22                  | 4.00                   | 17.62                 | 4.81                  | 0.11                      | 4.92                    | 6,920.73                    | 6920.82                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-14        | 10/03/22                  | 4.00                   | 17.64                 | 4.61                  | 0.16                      | 4.77                    | 6,920.88                    | 6921.01                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-14        | 11/02/22                  | 4.00                   | 17.65                 | 4.64                  | 0.14                      | 4.78                    | 6,920.87                    | 6920.98                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-14        | 12/09/22                  | 4.00                   | 17.67                 | 5.04                  | 0.14                      | 5.18                    | 6,920.47                    | 6920.58                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-14        | 01/30/23                  | 4.00                   | 17.64                 | 5.03                  | 0.10                      | 5.13                    | 6,920.52                    | 6920.60                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-14        | 02/28/23                  | 4.00                   | 17.65                 | 5.11                  | 0.09                      | 5.20                    | 6,920.45                    | 6920.52                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-14        | 03/07/23                  | 4.00                   | 17.67                 | 5.13                  | 0.05                      | 5.18                    | 6,920.47                    | 6920.51                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-14        | 04/12/23                  | 4.00                   | 17.64                 | 4.79                  | 0.03                      | 4.82                    | 6,920.83                    | 6920.85                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-14        | 05/15/23                  | 4.00                   | 17.65                 | 5.46                  | 1.05                      | 6.51                    | 6,919.14                    | 6919.98                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-14        | 6/1/2023                  | 4.00                   | 17.67                 | 5.56                  | 0.41                      | 5.97                    | 6,919.68                    | 6920.01                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-14        | 7/18/2023                 | 4.00                   | 17.64                 | 6.01                  | 0.62                      | 6.63                    | 6,919.02                    | 6919.52                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-14        | 8/21/2023                 | 4.00                   | 17.65                 | 5.43                  | 1.00                      | 6.43                    | 6,919.22                    | 6920.02                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-14        | 9/6/2023                  | 4.00                   | 17.67                 | 5.40                  | 0.98                      | 6.38                    | 6,919.27                    | 6920.05                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground-water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| MKTF-15        | 06/01/21                  | 2.00                   | 19.53                 | 13.69                 | 0.04                      | 13.73                   | 6,930.01                    | 6,930.04                                          | 9 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-15        | 07/21/21                  | 2.00                   | 19.53                 | 13.56                 | 0.76                      | 14.32                   | 6,929.42                    | 6,930.03                                          | 9 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-15        | 08/25/21                  | 2.00                   | 19.53                 | 13.66                 | 0.75                      | 14.41                   | 6,929.33                    | 6,929.93                                          | 9 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-15        | 09/07/21                  | 2.00                   | 19.53                 | 13.55                 | 0.62                      | 14.17                   | 6,929.57                    | 6,930.07                                          | 9 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-15        | 10/27/21                  | 2.00                   | 19.53                 | 13.61                 | 0.45                      | 14.06                   | 6,929.68                    | 6,930.04                                          | 9 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-15        | 11/17/21                  | 2.00                   | 19.53                 | 13.60                 | 0.50                      | 14.10                   | 6,929.64                    | 6,930.04                                          | 9 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-15        | 12/03/21                  | 2.00                   | 19.53                 | 13.53                 | 0.69                      | 14.22                   | 6,929.52                    | 6,930.07                                          | 9 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-15        | 01/10/22                  | 2.00                   | 19.53                 | 13.38                 | 0.76                      | 14.14                   | 6,929.60                    | 6,930.21                                          | 9 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-15        | 02/28/22                  | 2.00                   | 19.53                 | 13.38                 | 0.75                      | 14.13                   | 6,929.61                    | 6,930.21                                          | 9 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-15        | 03/02/22                  | 2.00                   | 19.55                 | 13.56                 | 0.70                      | 14.26                   | 6,929.48                    | 6,930.04                                          | 9 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-15        | 04/27/22                  | 2.00                   | 19.55                 | 13.66                 | 1.95                      | 15.61                   | 6,928.13                    | 6,929.69                                          | 9 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-15        | 05/05/22                  | 2.00                   | 19.55                 | 13.59                 | 1.09                      | 14.68                   | 6,929.06                    | 6,929.93                                          | 9 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-15        | 06/01/22                  | 2.00                   | 19.61                 | 13.47                 | 0.64                      | 14.11                   | 6,929.63                    | 6,930.14                                          | 9 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-15        | 07/06/22                  | 2.00                   | 19.63                 | 12.21                 | 0.61                      | 12.82                   | 6,930.92                    | 6,931.41                                          | 9 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-15        | 08/08/22                  | 2.00                   | 19.66                 | 12.59                 | 0.57                      | 13.16                   | 6,930.58                    | 6,931.04                                          | 9 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-15        | 09/01/22                  | 2.00                   | 19.69                 | 13.80                 | 1.16                      | 14.96                   | 6,928.78                    | 6,929.71                                          | 9 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-15        | 10/03/22                  | 2.00                   | 19.72                 | 13.95                 | 0.80                      | 14.75                   | 6,928.99                    | 6,929.63                                          | 9 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-15        | 11/02/22                  | 2.00                   | 19.75                 | 13.96                 | 0.75                      | 14.71                   | 6,929.03                    | 6,929.63                                          | 9 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-15        | 12/06/22                  | 2.00                   | 19.78                 | 14.22                 | 0.63                      | 14.85                   | 6,928.89                    | 6,929.39                                          | 9 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-15        | 1/30/2023                 | 2.00                   | 19.72                 | 14.19                 | 0.62                      | 14.81                   | 6,928.93                    | 6,929.43                                          | 9 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-15        | 2/28/2023                 | 2.00                   | 19.75                 | 14.06                 | 0.68                      | 14.74                   | 6,929.00                    | 6,929.54                                          | 9 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-15        | 3/31/2023                 | 2.00                   | 19.78                 | 13.76                 | 0.93                      | 14.69                   | 6,929.05                    | 6,929.79                                          | 9 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-15        | 4/12/2023                 | 2.00                   | 19.72                 | 13.91                 | 0.39                      | 14.30                   | 6,929.44                    | 6,929.75                                          | 9 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-15        | 5/16/2023                 | 2.00                   | 19.75                 | 14.36                 | 0.20                      | 14.56                   | 6,929.18                    | 6,929.34                                          | 9 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-15        | 6/1/2023                  | 2.00                   | 19.78                 | 14.37                 | 0.22                      | 14.59                   | 6,929.15                    | 6,929.33                                          | 9 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-15        | 7/24/2023                 | 2.00                   | 19.72                 | 14.74                 | 0.64                      | 15.38                   | 6,928.36                    | 6,928.87                                          | 9 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-15        | 8/18/2023                 | 2.00                   | 19.75                 | 14.78                 | 0.81                      | 15.59                   | 6,928.15                    | 6,928.80                                          | 9 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-15        | 9/6/2023                  | 2.00                   | 19.78                 | 14.70                 | 0.76                      | 15.46                   | 6,928.28                    | 6,928.89                                          | 9 - 19                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |



**TABLE 3A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground-water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| MKTF-16        | 06/01/21                  | 2.00                   | 10.95                 | ND                    | NA                        | 9.70                    | 6,941.30                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-16        | 06/23/21                  | 2.00                   | 10.95                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-16        | 07/21/21                  | 2.00                   | 10.95                 | ND                    | NA                        | 11.26                   | 6,939.74                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-16        | 08/25/21                  | 2.00                   | 10.95                 | ND                    | NA                        | 10.90                   | 6,940.10                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-16        | 09/08/21                  | 2.00                   | 10.95                 | ND                    | NA                        | 9.12                    | 6,941.88                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-16        | 10/27/21                  | 2.00                   | 10.95                 | ND                    | NA                        | 9.40                    | 6,941.60                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-16        | 11/17/21                  | 2.00                   | 10.95                 | ND                    | NA                        | 9.00                    | 6,942.00                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-16        | 12/27/21                  | 2.00                   | 10.92                 | ND                    | NA                        | 8.87                    | 6,942.13                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-16        | 01/10/22                  | 2.00                   | 10.92                 | ND                    | NA                        | 8.82                    | 6,942.18                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-16        | 02/28/22                  | 2.00                   | 10.92                 | ND                    | NA                        | 9.05                    | 6,941.95                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-16        | 03/02/22                  | 2.00                   | 10.92                 | ND                    | NA                        | 8.84                    | 6,942.16                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-16        | 04/27/22                  | 2.00                   | 10.92                 | ND                    | NA                        | 10.24                   | 6,940.76                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-16        | 05/05/22                  | 2.00                   | 10.92                 | ND                    | NA                        | 9.06                    | 6,941.94                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-16        | 06/01/22                  | 2.00                   | 10.94                 | ND                    | NA                        | 8.25                    | 6,942.75                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-16        | 07/06/22                  | 2.00                   | 10.95                 | ND                    | NA                        | 8.29                    | 6,942.71                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-16        | 08/08/22                  | 2.00                   | 10.96                 | ND                    | NA                        | 8.46                    | 6,942.54                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-16        | 09/01/22                  | 2.00                   | 10.97                 | ND                    | NA                        | 8.22                    | 6,942.78                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-16        | 10/03/22                  | 2.00                   | 10.98                 | ND                    | NA                        | 8.28                    | 6,942.72                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-16        | 11/02/22                  | 2.00                   | 10.99                 | ND                    | NA                        | 8.26                    | 6,942.74                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-16        | 12/06/22                  | 2.00                   | 11.00                 | ND                    | NA                        | 10.74                   | 6,940.26                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-16        | 01/30/23                  | 2.00                   | 10.98                 | ND                    | NA                        | 10.68                   | 6,940.32                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-16        | 02/28/23                  | 2.00                   | 10.99                 | ND                    | NA                        | 10.60                   | 6,940.40                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-16        | 03/07/23                  | 2.00                   | 11.00                 | ND                    | NA                        | 8.52                    | 6,942.48                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-16        | 04/12/23                  | 2.00                   | 10.98                 | ND                    | NA                        | 9.17                    | 6,941.83                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-16        | 05/16/23                  | 2.00                   | 10.99                 | ND                    | NA                        | 9.25                    | 6,941.75                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-16        | 06/01/23                  | 2.00                   | 11.00                 | ND                    | NA                        | 9.34                    | 6,941.66                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-16        | 07/24/23                  | 2.00                   | 11.00                 | ND                    | NA                        | 9.44                    | 6,941.56                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-16        | 08/18/23                  | 2.00                   | 11.00                 | ND                    | NA                        | 5.92                    | 6,945.08                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-16        | 09/06/23                  | 2.00                   | 11.00                 | ND                    | NA                        | 5.92                    | 6,945.08                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground-water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| MKTF-17        | 01/28/21                  | 2.00                   | 24.65                 | 11.91                 | 0.02                      | 11.93                   | 6,933.86                    | 6,933.88                                          | 14 - 24                                    | Chinle/Alluvium Interface                 |
| MKTF-17        | 02/28/21                  | 2.00                   | 24.70                 | 11.91                 | 0.02                      | 11.93                   | 6,933.86                    | 6,933.88                                          | 14 - 24                                    | Chinle/Alluvium Interface                 |
| MKTF-17        | 03/31/21                  | 2.00                   | 24.70                 | 12.09                 | 0.03                      | 12.12                   | 6,933.67                    | 6,933.69                                          | 14 - 24                                    | Chinle/Alluvium Interface                 |
| MKTF-17        | 04/26/21                  | 2.00                   | 24.70                 | 15.00                 | 0.02                      | 15.02                   | 6,930.77                    | 6,930.79                                          | 14 - 24                                    | Chinle/Alluvium Interface                 |
| MKTF-17        | 05/20/21                  | 2.00                   | 24.70                 | 15.06                 | 0.03                      | 15.09                   | 6,930.70                    | 6,930.72                                          | 14 - 24                                    | Chinle/Alluvium Interface                 |
| MKTF-17        | 06/01/21                  | 2.00                   | 24.70                 | 15.13                 | 0.05                      | 15.18                   | 6,930.61                    | 6,930.65                                          | 14 - 24                                    | Chinle/Alluvium Interface                 |
| MKTF-17        | 07/21/21                  | 2.00                   | 24.70                 | 12.19                 | 0.03                      | 12.22                   | 6,933.57                    | 6,933.59                                          | 14 - 24                                    | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |
| MKTF-17R       | 08/30/21                  | 2.00                   | 24.70                 | ND                    | NA                        | 12.34                   | 6,938.27                    | NA                                                | 10 - 25                                    | Chinle/Alluvium Interface                 |
| MKTF-17R       | 09/17/21                  | 2.00                   | 24.70                 | ND                    | NA                        | 12.46                   | 6,938.15                    | NA                                                | 10 - 25                                    | Chinle/Alluvium Interface                 |
| MKTF-17R       | 10/27/21                  | 2.00                   | 24.70                 | ND                    | NA                        | 12.32                   | 6,938.29                    | NA                                                | 10 - 25                                    | Chinle/Alluvium Interface                 |
| MKTF-17R       | 11/02/21                  | 2.00                   | 24.70                 | ND                    | NA                        | 12.32                   | 6,938.29                    | NA                                                | 10 - 25                                    | Chinle/Alluvium Interface                 |
| MKTF-17R       | 12/03/21                  | 2.00                   | 20.50                 | ND                    | NA                        | 12.80                   | 6,937.81                    | NA                                                | 10 - 25                                    | Chinle/Alluvium Interface                 |
| MKTF-17R       | 01/10/22                  | 2.00                   | 20.50                 | ND                    | NA                        | 12.72                   | 6,937.89                    | NA                                                | 10 - 25                                    | Chinle/Alluvium Interface                 |
| MKTF-17R       | 02/28/22                  | 2.00                   | 20.50                 | ND                    | NA                        | 12.71                   | 6,937.90                    | NA                                                | 10 - 25                                    | Chinle/Alluvium Interface                 |
| MKTF-17R       | 03/01/22                  | 2.00                   | 20.50                 | ND                    | NA                        | 12.76                   | 6,937.85                    | NA                                                | 10 - 25                                    | Chinle/Alluvium Interface                 |
| MKTF-17R       | 04/27/22                  | 2.00                   | 20.50                 | ND                    | NA                        | 13.82                   | 6,936.79                    | NA                                                | 10 - 25                                    | Chinle/Alluvium Interface                 |
| MKTF-17R       | 05/04/22                  | 2.00                   | 20.50                 | 13.39                 | 0.47                      | 13.86                   | 6,936.75                    | 6,937.13                                          | 10 - 25                                    | Chinle/Alluvium Interface                 |
| MKTF-17R       | 06/01/22                  | 2.00                   | 20.50                 | 13.64                 | 0.20                      | 13.84                   | 6,936.77                    | 6,936.93                                          | 10 - 25                                    | Chinle/Alluvium Interface                 |
| MKTF-17R       | 07/06/22                  | 2.00                   | 20.50                 | 13.65                 | 0.23                      | 13.88                   | 6,936.73                    | 6,936.91                                          | 10 - 25                                    | Chinle/Alluvium Interface                 |
| MKTF-17R       | 08/08/22                  | 2.00                   | 20.50                 | 13.42                 | 0.17                      | 13.59                   | 6,937.02                    | 6,937.16                                          | 10 - 25                                    | Chinle/Alluvium Interface                 |
| MKTF-17R       | 09/01/22                  | 2.00                   | 20.50                 | 13.34                 | 0.20                      | 13.54                   | 6,937.07                    | 6,937.23                                          | 10 - 25                                    | Chinle/Alluvium Interface                 |
| MKTF-17R       | 10/03/22                  | 2.00                   | 20.50                 | 13.03                 | 0.15                      | 13.18                   | 6,937.43                    | 6,937.55                                          | 10 - 25                                    | Chinle/Alluvium Interface                 |
| MKTF-17R       | 11/02/22                  | 2.00                   | 20.50                 | 13.03                 | 0.17                      | 13.20                   | 6,937.41                    | 6,937.55                                          | 10 - 25                                    | Chinle/Alluvium Interface                 |
| MKTF-17R       | 12/06/22                  | 2.00                   | 20.50                 | 12.91                 | 0.10                      | 13.01                   | 6,937.60                    | 6,937.68                                          | 10 - 25                                    | Chinle/Alluvium Interface                 |
| MKTF-17R       | 1/30/2023                 | 2.00                   | 20.50                 | 12.86                 | 0.13                      | 12.99                   | 6,937.62                    | 6,937.72                                          | 10 - 25                                    | Chinle/Alluvium Interface                 |
| MKTF-17R       | 2/28/2023                 | 2.00                   | 20.50                 | 13.07                 | 0.13                      | 13.20                   | 6,937.41                    | 6,937.51                                          | 10 - 25                                    | Chinle/Alluvium Interface                 |
| MKTF-17R       | 3/7/2023                  | 2.00                   | 20.50                 | 13.11                 | 0.05                      | 13.16                   | 6,937.45                    | 6,937.49                                          | 10 - 25                                    | Chinle/Alluvium Interface                 |
| MKTF-17R       | 4/12/2023                 | 2.00                   | 20.50                 | 12.56                 | 0.02                      | 12.58                   | 6,938.03                    | 6,938.05                                          | 10 - 25                                    | Chinle/Alluvium Interface                 |
| MKTF-17R       | 5/15/2023                 | 2.00                   | 20.50                 | 12.79                 | 0.17                      | 12.96                   | 6,937.65                    | 6,937.79                                          | 10 - 25                                    | Chinle/Alluvium Interface                 |
| MKTF-17R       | 6/1/2023                  | 2.00                   | 20.50                 | 12.79                 | 0.03                      | 12.82                   | 6,937.79                    | 6,937.81                                          | 10 - 25                                    | Chinle/Alluvium Interface                 |
| MKTF-17R       | 7/18/2023                 | 2.00                   | 20.50                 | 13.06                 | 0.05                      | 13.11                   | 6,937.50                    | 6,937.54                                          | 10 - 25                                    | Chinle/Alluvium Interface                 |
| MKTF-17R       | 8/21/2023                 | 2.00                   | 20.50                 | 13.11                 | 0.12                      | 13.23                   | 6,937.38                    | 6,937.48                                          | 10 - 25                                    | Chinle/Alluvium Interface                 |
| MKTF-17R       | 9/6/2023                  | 2.00                   | 20.50                 | 13.14                 | 0.12                      | 13.26                   | 6,937.35                    | 6,937.45                                          | 10 - 25                                    | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground-water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| MKTF-18        | 06/01/21                  | 2.00                   | 27.55                 | ND                    | NA                        | 9.53                    | 6,941.44                    | NA                                                | 17 - 27                                    | Chinle/Alluvium Interface                 |
| MKTF-18        | 07/21/21                  | 2.00                   | 27.55                 | ND                    | NA                        | 11.24                   | 6,939.73                    | NA                                                | 17 - 27                                    | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |
| MKTF-18R       | 08/30/21                  | 2.00                   | 25.55                 | ND                    | NA                        | 10.00                   | 6,945.29                    | NA                                                | 5 - 25                                     | Chinle/Alluvium Interface                 |
| MKTF-18R       | 09/17/21                  | 2.00                   | 25.55                 | ND                    | NA                        | 10.35                   | 6,944.94                    | NA                                                | 10 - 25                                    | Chinle/Alluvium Interface                 |
| MKTF-18R       | 10/27/21                  | 2.00                   | 25.55                 | ND                    | NA                        | 10.32                   | 6,944.97                    | NA                                                | 10 - 25                                    | Chinle/Alluvium Interface                 |
| MKTF-18R       | 11/17/21                  | 2.00                   | 25.55                 | ND                    | NA                        | 10.41                   | 6,944.88                    | NA                                                | 10 - 25                                    | Chinle/Alluvium Interface                 |
| MKTF-18R       | 12/03/21                  | 2.00                   | 25.50                 | ND                    | NA                        | 10.62                   | 6,944.67                    | NA                                                | 10 - 25                                    | Chinle/Alluvium Interface                 |
| MKTF-18R       | 01/10/22                  | 2.00                   | 25.50                 | ND                    | NA                        | 10.75                   | 6,944.54                    | NA                                                | 10 - 25                                    | Chinle/Alluvium Interface                 |
| MKTF-18R       | 02/28/22                  | 2.00                   | 25.50                 | ND                    | NA                        | 10.75                   | 6,944.54                    | NA                                                | 10 - 25                                    | Chinle/Alluvium Interface                 |
| MKTF-18R       | 03/01/22                  | 2.00                   | 25.50                 | ND                    | NA                        | 10.59                   | 6,944.70                    | NA                                                | 10 - 25                                    | Chinle/Alluvium Interface                 |
| MKTF-18R       | 04/27/22                  | 2.00                   | 25.50                 | ND                    | NA                        | 11.20                   | 6,944.09                    | NA                                                | 10 - 25                                    | Chinle/Alluvium Interface                 |
| MKTF-18R       | 05/05/22                  | 2.00                   | 25.50                 | ND                    | NA                        | 11.33                   | 6,943.96                    | NA                                                | 10 - 25                                    | Chinle/Alluvium Interface                 |
| MKTF-18R       | 06/01/22                  | 2.00                   | 25.47                 | ND                    | NA                        | 11.55                   | 6,943.74                    | NA                                                | 10 - 25                                    | Chinle/Alluvium Interface                 |
| MKTF-18R       | 07/06/22                  | 2.00                   | 25.46                 | ND                    | NA                        | 11.19                   | 6,944.10                    | NA                                                | 10 - 25                                    | Chinle/Alluvium Interface                 |
| MKTF-18R       | 08/08/22                  | 2.00                   | 25.45                 | ND                    | NA                        | 11.76                   | 6,943.53                    | NA                                                | 10 - 25                                    | Chinle/Alluvium Interface                 |
| MKTF-18R       | 09/01/22                  | 2.00                   | 25.43                 | ND                    | NA                        | 11.27                   | 6,944.02                    | NA                                                | 10 - 25                                    | Chinle/Alluvium Interface                 |
| MKTF-18R       | 10/03/22                  | 2.00                   | 25.42                 | ND                    | NA                        | 11.34                   | 6,943.95                    | NA                                                | 10 - 25                                    | Chinle/Alluvium Interface                 |
| MKTF-18R       | 11/02/22                  | 2.00                   | 25.40                 | ND                    | NA                        | 11.32                   | 6,943.97                    | NA                                                | 10 - 25                                    | Chinle/Alluvium Interface                 |
| MKTF-18R       | 12/05/22                  | 2.00                   | 25.39                 | ND                    | NA                        | 11.12                   | 6,944.17                    | NA                                                | 10 - 25                                    | Chinle/Alluvium Interface                 |
| MKTF-18R       | 01/30/23                  | 2.00                   | 25.42                 | ND                    | NA                        | 11.02                   | 6,944.27                    | NA                                                | 10 - 25                                    | Chinle/Alluvium Interface                 |
| MKTF-18R       | 02/28/23                  | 2.00                   | 25.40                 | ND                    | NA                        | 11.04                   | 6,944.25                    | NA                                                | 10 - 25                                    | Chinle/Alluvium Interface                 |
| MKTF-18R       | 03/07/23                  | 2.00                   | 25.39                 | ND                    | NA                        | 11.45                   | 6,943.84                    | NA                                                | 10 - 25                                    | Chinle/Alluvium Interface                 |
| MKTF-18R       | 04/12/23                  | 2.00                   | 25.42                 | ND                    | NA                        | 11.03                   | 6,944.26                    | NA                                                | 10 - 25                                    | Chinle/Alluvium Interface                 |
| MKTF-18R       | 05/15/23                  | 2.00                   | 25.40                 | ND                    | NA                        | 11.17                   | 6,944.12                    | NA                                                | 10 - 25                                    | Chinle/Alluvium Interface                 |
| MKTF-18R       | 06/01/23                  | 2.00                   | 25.39                 | ND                    | NA                        | 10.97                   | 6,944.32                    | NA                                                | 10 - 25                                    | Chinle/Alluvium Interface                 |
| MKTF-18R       | 07/24/23                  | 2.00                   | 25.42                 | ND                    | NA                        | 11.02                   | 6,944.27                    | NA                                                | 10 - 25                                    | Chinle/Alluvium Interface                 |
| MKTF-18R       | 08/22/23                  | 2.00                   | 25.40                 | ND                    | NA                        | 10.93                   | 6,944.36                    | NA                                                | 10 - 25                                    | Chinle/Alluvium Interface                 |
| MKTF-18R       | 09/06/23                  | 2.00                   | 25.39                 | ND                    | NA                        | 10.88                   | 6,944.41                    | NA                                                | 10 - 25                                    | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |



**TABLE 3A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground-water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| MKTF-19        | 06/01/21                  | 2.00                   | 19.44                 | 12.77                 | 1.22                      | 13.99                   | 6,930.90                    | 6,931.88                                          | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-19        | 07/21/21                  | 2.00                   | 19.44                 | 12.74                 | 0.78                      | 13.52                   | 6,931.37                    | 6,931.99                                          | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-19        | 08/25/21                  | 2.00                   | 19.44                 | 13.32                 | 1.22                      | 14.54                   | 6,930.35                    | 6,931.33                                          | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-19        | 09/08/21                  | 2.00                   | 19.44                 | 13.27                 | 1.06                      | 14.33                   | 6,930.56                    | 6,931.41                                          | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-19        | 10/27/21                  | 2.00                   | 19.44                 | 13.30                 | 1.27                      | 14.57                   | 6,930.32                    | 6,931.34                                          | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-19        | 11/17/21                  | 2.00                   | 19.44                 | 13.31                 | 1.13                      | 14.44                   | 6,930.45                    | 6,931.35                                          | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-19        | 12/03/21                  | 2.00                   | 19.44                 | 13.20                 | 1.05                      | 14.25                   | 6,930.64                    | 6,931.48                                          | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-19        | 01/10/22                  | 2.00                   | 19.44                 | 13.33                 | 0.06                      | 13.39                   | 6,931.50                    | 6,931.55                                          | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-19        | 02/28/22                  | 2.00                   | 19.44                 | 13.32                 | 1.22                      | 14.54                   | 6,930.35                    | 6,931.33                                          | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-19        | 03/02/22                  | 2.00                   | 19.46                 | 13.22                 | 1.10                      | 14.32                   | 6,930.57                    | 6,931.45                                          | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-19        | 04/27/22                  | 2.00                   | 19.46                 | 13.96                 | 1.09                      | 15.05                   | 6,929.84                    | 6,930.71                                          | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-19        | 05/05/22                  | 2.00                   | 19.46                 | 13.53                 | 1.02                      | 14.55                   | 6,930.34                    | 6,931.16                                          | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-19        | 06/01/22                  | 2.00                   | 19.45                 | 13.18                 | 0.92                      | 14.10                   | 6,930.79                    | 6,931.53                                          | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-19        | 07/06/22                  | 2.00                   | 19.45                 | 12.63                 | 0.59                      | 13.22                   | 6,931.67                    | 6,932.14                                          | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-19        | 08/08/22                  | 2.00                   | 19.44                 | 12.27                 | 1.17                      | 13.44                   | 6,931.45                    | 6,932.39                                          | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-19        | 09/01/22                  | 2.00                   | 19.44                 | 13.25                 | 0.97                      | 14.22                   | 6,930.67                    | 6,931.45                                          | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-19        | 10/03/22                  | 2.00                   | 19.43                 | 13.93                 | 2.35                      | 16.28                   | 6,928.61                    | 6,930.49                                          | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-19        | 11/02/22                  | 2.00                   | 19.43                 | 13.92                 | 2.34                      | 16.26                   | 6,928.63                    | 6,930.50                                          | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-19        | 12/06/22                  | 2.00                   | 19.42                 | 15.34                 | 0.32                      | 15.66                   | 6,929.23                    | 6,929.49                                          | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-19        | 1/30/2023                 | 2.00                   | 19.43                 | 15.30                 | 0.30                      | 15.60                   | 6,929.29                    | 6,929.53                                          | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-19        | 2/28/2023                 | 2.00                   | 19.43                 | 15.17                 | 0.28                      | 15.45                   | 6,929.44                    | 6,929.66                                          | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-19        | 3/7/2023                  | 2.00                   | 19.42                 | 14.33                 | 0.43                      | 14.76                   | 6,930.13                    | 6,930.47                                          | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-19        | 4/12/2023                 | 2.00                   | 19.43                 | 13.67                 | 0.38                      | 14.05                   | 6,930.84                    | 6,931.14                                          | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-19        | 5/15/2023                 | 2.00                   | 19.43                 | 14.00                 | 0.42                      | 14.42                   | 6,930.47                    | 6,930.81                                          | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-19        | 6/1/2023                  | 2.00                   | 19.42                 | 14.02                 | 0.13                      | 14.15                   | 6,930.74                    | 6,930.84                                          | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-19        | 7/18/2023                 | 2.00                   | 19.42                 | 14.37                 | 0.23                      | 14.60                   | 6,930.29                    | 6,930.47                                          | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-19        | 8/21/2023                 | 2.00                   | 19.42                 | 14.44                 | 0.26                      | 14.70                   | 6,930.19                    | 6,930.40                                          | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-19        | 9/6/2023                  | 2.00                   | 19.42                 | 14.47                 | 0.27                      | 14.74                   | 6,930.15                    | 6,930.37                                          | 10 - 20                                    | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground-water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| MKTF-20        | 06/01/21                  | 4.00                   | 9.61                  | 9.12                  | 0.29                      | 9.41                    | 6,942.48                    | 6,942.71                                          | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-20        | 07/07/21                  | 4.00                   | 9.61                  | ND                    | NA                        | DRY                     | NA                          | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-20        | 08/02/21                  | 4.00                   | 9.61                  | ND                    | NA                        | 9.04                    | 6,942.85                    | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-20        | 09/08/21                  | 4.00                   | 9.61                  | ND                    | NA                        | DRY                     | NA                          | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-20        | 10/27/21                  | 4.00                   | 9.61                  | ND                    | NA                        | DRY                     | NA                          | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-20        | 11/02/21                  | 4.00                   | 9.61                  | ND                    | NA                        | 9.02                    | 6,942.87                    | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-20        | 12/03/21                  | 4.00                   | 9.60                  | ND                    | NA                        | 9.53                    | 6,942.36                    | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-20        | 01/10/22                  | 4.00                   | 9.60                  | ND                    | NA                        | 9.62                    | 6,942.27                    | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-20        | 02/28/22                  | 4.00                   | 9.60                  | ND                    | NA                        | 9.60                    | 6,942.29                    | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-20        | 03/02/22                  | 4.00                   | 9.60                  | ND                    | NA                        | DRY                     | NA                          | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-20        | 04/27/22                  | 4.00                   | 9.60                  | ND                    | NA                        | DRY                     | NA                          | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-20        | 05/05/22                  | 4.00                   | 9.60                  | ND                    | NA                        | DRY                     | NA                          | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-20        | 06/01/22                  | 4.00                   | 9.60                  | ND                    | NA                        | DRY                     | NA                          | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-20        | 07/06/22                  | 4.00                   | 9.60                  | ND                    | NA                        | 8.41                    | 6,943.48                    | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-20        | 08/08/22                  | 4.00                   | 9.60                  | ND                    | NA                        | 8.90                    | 6,942.99                    | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-20        | 09/01/22                  | 4.00                   | 9.60                  | ND                    | NA                        | 8.90                    | 6,942.99                    | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-20        | 10/03/22                  | 4.00                   | 9.60                  | ND                    | NA                        | DRY                     | NA                          | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-20        | 11/02/22                  | 4.00                   | 9.60                  | ND                    | NA                        | DRY                     | NA                          | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-20        | 12/06/22                  | 4.00                   | 9.60                  | ND                    | NA                        | DRY                     | NA                          | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-20        | 01/30/23                  | 4.00                   | 9.60                  | ND                    | NA                        | DRY                     | NA                          | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-20        | 02/28/23                  | 4.00                   | 9.60                  | ND                    | NA                        | DRY                     | NA                          | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-20        | 03/07/23                  | 4.00                   | 9.60                  | ND                    | NA                        | DRY                     | NA                          | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-20        | 04/12/23                  | 4.00                   | 9.60                  | ND                    | NA                        | 8.66                    | 6,943.23                    | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-20        | 05/15/23                  | 4.00                   | 9.60                  | ND                    | NA                        | 8.67                    | 6,943.22                    | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-20        | 06/01/23                  | 4.00                   | 9.60                  | ND                    | NA                        | 8.61                    | 6,943.28                    | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-20        | 07/24/23                  | 4.00                   | 9.60                  | ND                    | NA                        | 8.51                    | 6,943.38                    | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-20        | 08/18/23                  | 4.00                   | 9.60                  | ND                    | NA                        | 9.82                    | 6,942.07                    | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-20        | 09/06/23                  | 4.00                   | 9.60                  | ND                    | NA                        | 9.84                    | 6,942.05                    | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground-water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| MKTF-21        | 06/01/21                  | 4.00                   | 8.87                  | ND                    | NA                        | 7.09                    | 6,945.59                    | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-21        | 07/07/21                  | 4.00                   | 8.87                  | ND                    | NA                        | 8.07                    | 6,944.61                    | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-21        | 08/02/21                  | 4.00                   | 8.87                  | ND                    | NA                        | 8.75                    | 6,943.93                    | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-21        | 09/08/21                  | 4.00                   | 8.87                  | ND                    | NA                        | 8.91                    | 6,943.77                    | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-21        | 10/27/21                  | 4.00                   | 8.87                  | ND                    | NA                        | 8.36                    | 6,944.32                    | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-21        | 11/17/21                  | 4.00                   | 8.87                  | ND                    | NA                        | 8.53                    | 6,944.15                    | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-21        | 12/03/21                  | 4.00                   | 8.87                  | ND                    | NA                        | 8.96                    | 6,943.72                    | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-21        | 01/10/22                  | 4.00                   | 8.87                  | ND                    | NA                        | 8.93                    | 6,943.75                    | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-21        | 02/28/22                  | 4.00                   | 8.87                  | ND                    | NA                        | 8.96                    | 6,943.72                    | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-21        | 03/02/22                  | 4.00                   | 8.87                  | ND                    | NA                        | DRY                     | NA                          | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-21        | 04/27/22                  | 4.00                   | 8.87                  | ND                    | NA                        | 8.37                    | 6,944.31                    | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-21        | 05/05/22                  | 4.00                   | 8.87                  | ND                    | NA                        | 8.95                    | 6,943.73                    | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-21        | 06/01/22                  | 4.00                   | 8.87                  | ND                    | NA                        | 8.96                    | 6,943.72                    | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-21        | 07/06/22                  | 4.00                   | 8.87                  | ND                    | NA                        | 8.43                    | 6,944.25                    | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-21        | 08/08/22                  | 4.00                   | 8.87                  | ND                    | NA                        | 8.74                    | 6,943.94                    | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-21        | 09/01/22                  | 4.00                   | 8.87                  | ND                    | NA                        | 9.01                    | 6,943.67                    | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-21        | 10/03/22                  | 4.00                   | 8.87                  | ND                    | NA                        | DRY                     | NA                          | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-21        | 11/02/22                  | 4.00                   | 8.87                  | ND                    | NA                        | DRY                     | NA                          | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-21        | 12/06/22                  | 4.00                   | 8.87                  | ND                    | NA                        | DRY                     | NA                          | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-21        | 1/30/2023                 | 4.00                   | 8.87                  | ND                    | NA                        | DRY                     | NA                          | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-21        | 2/28/2023                 | 4.00                   | 8.87                  | ND                    | NA                        | DRY                     | NA                          | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-21        | 3/7/2023                  | 4.00                   | 8.87                  | ND                    | NA                        | 8.44                    | 6,944.24                    | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-21        | 4/12/2023                 | 4.00                   | 8.87                  | ND                    | NA                        | DRY                     | NA                          | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-21        | 5/15/2023                 | 4.00                   | 8.87                  | ND                    | NA                        | DRY                     | NA                          | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-21        | 6/1/2023                  | 4.00                   | 8.87                  | ND                    | NA                        | DRY                     | NA                          | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-21        | 7/24/2023                 | 4.00                   | 8.87                  | ND                    | NA                        | DRY                     | NA                          | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-21        | 8/23/2023                 | 4.00                   | 8.87                  | ND                    | NA                        | DRY                     | NA                          | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-21        | 9/6/2023                  | 4.00                   | 8.87                  | ND                    | NA                        | DRY                     | NA                          | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |



**TABLE 3A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground-water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| MKTF-22        | 06/01/21                  | 2.00                   | 35.66                 | 23.55                 | 2.10                      | 25.65                   | 6,914.11                    | 6915.79                                           | 22 - 32                                    | Chinle/Alluvium Interface                 |
| MKTF-22        | 07/21/21                  | 2.00                   | 35.66                 | 22.72                 | 2.88                      | 25.60                   | 6,914.16                    | 6916.46                                           | 22 - 32                                    | Chinle/Alluvium Interface                 |
| MKTF-22        | 08/25/21                  | 2.00                   | 35.66                 | 23.04                 | 2.04                      | 25.08                   | 6,914.68                    | 6916.31                                           | 22 - 32                                    | Chinle/Alluvium Interface                 |
| MKTF-22        | 09/09/21                  | 2.00                   | 35.66                 | 23.09                 | 1.97                      | 25.06                   | 6,914.70                    | 6916.28                                           | 22 - 32                                    | Chinle/Alluvium Interface                 |
| MKTF-22        | 10/27/21                  | 2.00                   | 35.66                 | 23.00                 | 1.99                      | 24.99                   | 6,914.77                    | 6916.36                                           | 22 - 32                                    | Chinle/Alluvium Interface                 |
| MKTF-22        | 11/02/21                  | 2.00                   | 35.66                 | 22.98                 | 2.05                      | 25.03                   | 6,914.73                    | 6916.37                                           | 22 - 32                                    | Chinle/Alluvium Interface                 |
| MKTF-22        | 12/03/21                  | 2.00                   | 35.66                 | 22.90                 | 2.07                      | 24.97                   | 6,914.79                    | 6916.45                                           | 22 - 32                                    | Chinle/Alluvium Interface                 |
| MKTF-22        | 01/10/22                  | 2.00                   | 35.66                 | 22.69                 | 2.13                      | 24.82                   | 6,914.94                    | 6916.64                                           | 22 - 32                                    | Chinle/Alluvium Interface                 |
| MKTF-22        | 02/28/22                  | 2.00                   | 35.66                 | 22.77                 | 1.18                      | 23.95                   | 6,915.81                    | 6916.75                                           | 22 - 32                                    | Chinle/Alluvium Interface                 |
| MKTF-22        | 03/02/22                  | 2.00                   | 35.68                 | 22.86                 | 2.08                      | 24.94                   | 6,914.82                    | 6916.48                                           | 22 - 32                                    | Chinle/Alluvium Interface                 |
| MKTF-22        | 04/27/22                  | 2.00                   | 35.68                 | 23.41                 | 0.25                      | 23.66                   | 6,916.10                    | 6916.30                                           | 22 - 32                                    | Chinle/Alluvium Interface                 |
| MKTF-22        | 05/04/22                  | 2.00                   | 35.68                 | 23.31                 | 0.97                      | 24.28                   | 6,915.48                    | 6916.26                                           | 22 - 32                                    | Chinle/Alluvium Interface                 |
| MKTF-22        | 06/01/22                  | 2.00                   | 35.70                 | 23.10                 | 2.28                      | 25.38                   | 6,914.38                    | 6916.20                                           | 22 - 32                                    | Chinle/Alluvium Interface                 |
| MKTF-22        | 07/06/22                  | 2.00                   | 35.71                 | 22.92                 | 1.95                      | 24.87                   | 6,914.89                    | 6916.45                                           | 22 - 32                                    | Chinle/Alluvium Interface                 |
| MKTF-22        | 08/08/22                  | 2.00                   | 35.72                 | 22.88                 | 1.61                      | 24.49                   | 6,915.27                    | 6916.56                                           | 22 - 32                                    | Chinle/Alluvium Interface                 |
| MKTF-22        | 09/01/22                  | 2.00                   | 35.73                 | 22.96                 | 2.28                      | 25.24                   | 6,914.52                    | 6916.34                                           | 22 - 32                                    | Chinle/Alluvium Interface                 |
| MKTF-22        | 10/03/22                  | 2.00                   | 35.74                 | 22.81                 | 2.44                      | 25.25                   | 6,914.51                    | 6916.46                                           | 22 - 32                                    | Chinle/Alluvium Interface                 |
| MKTF-22        | 11/02/22                  | 2.00                   | 35.75                 | 22.80                 | 2.40                      | 25.20                   | 6,914.56                    | 6916.48                                           | 22 - 32                                    | Chinle/Alluvium Interface                 |
| MKTF-22        | 12/06/22                  | 2.00                   | 35.76                 | 23.21                 | 1.81                      | 25.02                   | 6,914.74                    | 6916.19                                           | 22 - 32                                    | Chinle/Alluvium Interface                 |
| MKTF-22        | 01/30/23                  | 2.00                   | 35.74                 | 23.16                 | 1.82                      | 24.98                   | 6,914.78                    | 6916.24                                           | 22 - 32                                    | Chinle/Alluvium Interface                 |
| MKTF-22        | 02/28/23                  | 2.00                   | 35.75                 | 22.94                 | 1.87                      | 24.81                   | 6,914.95                    | 6916.45                                           | 22 - 32                                    | Chinle/Alluvium Interface                 |
| MKTF-22        | 03/06/23                  | 2.00                   | 35.76                 | 23.30                 | 1.82                      | 25.12                   | 6,914.64                    | 6916.10                                           | 22 - 32                                    | Chinle/Alluvium Interface                 |
| MKTF-22        | 04/12/23                  | 2.00                   | 35.74                 | 22.98                 | 1.91                      | 24.89                   | 6,914.87                    | 6916.40                                           | 22 - 32                                    | Chinle/Alluvium Interface                 |
| MKTF-22        | 05/15/23                  | 2.00                   | 35.75                 | 23.25                 | 1.87                      | 25.12                   | 6,914.64                    | 6916.14                                           | 22 - 32                                    | Chinle/Alluvium Interface                 |
| MKTF-22        | 06/01/23                  | 2.00                   | 35.76                 | 23.16                 | 2.32                      | 25.48                   | 6,914.28                    | 6916.14                                           | 22 - 32                                    | Chinle/Alluvium Interface                 |
| MKTF-22        | 07/18/23                  | 2.00                   | 35.76                 | 23.55                 | 2.12                      | 25.67                   | 6,914.09                    | 6915.79                                           | 22 - 32                                    | Chinle/Alluvium Interface                 |
| MKTF-22        | 08/21/23                  | 2.00                   | 35.76                 | 22.65                 | 2.25                      | 24.90                   | 6,914.86                    | 6916.66                                           | 22 - 32                                    | Chinle/Alluvium Interface                 |
| MKTF-22        | 09/06/23                  | 2.00                   | 35.76                 | 22.70                 | 2.25                      | 24.95                   | 6,914.81                    | 6916.61                                           | 22 - 32                                    | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground-water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| MKTF-23        | 01/28/21                  | 2.00                   | 20.76                 | 11.47                 | 0.01                      | 11.48                   | 6,915.75                    | 6,915.76                                          | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-23        | 02/28/21                  | 2.00                   | 20.41                 | 11.63                 | 0.01                      | 11.64                   | 6,915.59                    | 6,915.60                                          | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-23        | 03/31/21                  | 2.00                   | 20.41                 | ND                    | NA                        | 11.46                   | 6,915.77                    | NA                                                | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-23        | 04/26/21                  | 2.00                   | 20.41                 | ND                    | NA                        | 11.15                   | 6,916.08                    | NA                                                | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-23        | 05/20/21                  | 2.00                   | 20.41                 | ND                    | NA                        | 11.44                   | 6,915.79                    | NA                                                | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-23        | 06/01/21                  | 2.00                   | 20.41                 | ND                    | NA                        | 11.23                   | 6,916.00                    | NA                                                | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-23        | 07/21/21                  | 2.00                   | 20.41                 | 12.00                 | 0.01                      | 12.01                   | 6,915.22                    | 6,915.23                                          | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-23        | 08/25/21                  | 2.00                   | 20.41                 | 11.63                 | 0.02                      | 11.65                   | 6,915.58                    | 6,915.60                                          | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-23        | 09/08/21                  | 2.00                   | 20.41                 | 11.69                 | 0.03                      | 11.72                   | 6,915.51                    | 6,915.53                                          | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-23        | 10/27/21                  | 2.00                   | 20.41                 | 11.47                 | 0.02                      | 11.49                   | 6,915.74                    | 6,915.76                                          | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-23        | 11/17/21                  | 2.00                   | 20.41                 | 11.46                 | 0.04                      | 11.50                   | 6,915.73                    | 6,915.76                                          | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-23        | 12/03/21                  | 2.00                   | 20.41                 | 11.54                 | 0.05                      | 11.59                   | 6,915.64                    | 6,915.68                                          | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-23        | 01/10/22                  | 2.00                   | 20.41                 | 11.69                 | 0.10                      | 11.79                   | 6,915.44                    | 6,915.52                                          | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-23        | 02/28/22                  | 2.00                   | 20.41                 | 11.65                 | 0.12                      | 11.77                   | 6,915.46                    | 6,915.56                                          | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-23        | 03/01/22                  | 2.00                   | 20.40                 | 11.52                 | 0.05                      | 11.57                   | 6,915.66                    | 6,915.70                                          | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-23        | 04/27/22                  | 2.00                   | 20.40                 | 11.56                 | 0.04                      | 11.60                   | 6,915.63                    | 6,915.66                                          | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-23        | 05/05/22                  | 2.00                   | 20.40                 | 11.54                 | 0.04                      | 11.58                   | 6,915.65                    | 6,915.68                                          | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-23        | 06/01/22                  | 2.00                   | 20.43                 | 11.55                 | 0.05                      | 11.60                   | 6,915.63                    | 6,915.67                                          | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-23        | 07/06/22                  | 2.00                   | 20.44                 | 12.23                 | 0.04                      | 12.27                   | 6,914.96                    | 6,914.99                                          | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-23        | 08/08/22                  | 2.00                   | 20.46                 | 12.35                 | 0.05                      | 12.40                   | 6,914.83                    | 6,914.87                                          | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-23        | 09/01/22                  | 2.00                   | 20.47                 | 11.40                 | 0.05                      | 11.45                   | 6,915.78                    | 6,915.82                                          | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-23        | 10/03/22                  | 2.00                   | 20.49                 | 11.44                 | 0.07                      | 11.51                   | 6,915.72                    | 6,915.78                                          | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-23        | 11/02/22                  | 2.00                   | 20.50                 | 11.45                 | 0.08                      | 11.53                   | 6,915.70                    | 6,915.76                                          | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-23        | 12/06/22                  | 2.00                   | 20.52                 | 11.56                 | 0.09                      | 11.65                   | 6,915.58                    | 6,915.65                                          | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-23        | 01/30/23                  | 2.00                   | 20.49                 | 11.50                 | 0.13                      | 11.63                   | 6,915.60                    | 6,915.70                                          | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-23        | 02/28/23                  | 2.00                   | 20.50                 | 11.39                 | 0.14                      | 11.53                   | 6,915.70                    | 6,915.81                                          | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-23        | 03/07/23                  | 2.00                   | 20.52                 | 12.15                 | 0.02                      | 12.17                   | 6,915.06                    | 6,915.08                                          | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-23        | 04/12/23                  | 2.00                   | 20.49                 | 12.13                 | 0.02                      | 12.15                   | 6,915.08                    | 6,915.10                                          | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-23        | 05/15/23                  | 2.00                   | 20.50                 | 12.35                 | 0.01                      | 12.36                   | 6,914.87                    | 6,914.88                                          | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-23        | 06/01/23                  | 2.00                   | 20.52                 | 12.39                 | 0.01                      | 12.40                   | 6,914.83                    | 6,914.84                                          | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-23        | 07/24/23                  | 2.00                   | 20.52                 | 12.35                 | 0.02                      | 12.37                   | 6,914.86                    | 6,914.88                                          | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-23        | 08/23/23                  | 2.00                   | 20.52                 | 12.41                 | 0.04                      | 12.45                   | 6,914.78                    | 6,914.81                                          | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-23        | 09/06/23                  | 2.00                   | 20.52                 | 12.40                 | 0.05                      | 12.45                   | 6,914.78                    | 6,914.82                                          | 7 - 17                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground-water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| MKTF-24        | 06/01/21                  | 2.00                   | 31.47                 | ND                    | NA                        | 20.75                   | 6,905.32                    | NA                                                | 18 - 28                                    | Chinle/Alluvium Interface                 |
| MKTF-24        | 07/21/21                  | 2.00                   | 31.47                 | ND                    | NA                        | 18.51                   | 6,907.56                    | NA                                                | 18 - 28                                    | Chinle/Alluvium Interface                 |
| MKTF-24        | 08/26/21                  | 2.00                   | 31.47                 | ND                    | NA                        | 21.03                   | 6,905.04                    | NA                                                | 18 - 28                                    | Chinle/Alluvium Interface                 |
| MKTF-24        | 09/08/21                  | 2.00                   | 31.40                 | ND                    | NA                        | 21.35                   | 6,904.72                    | NA                                                | 18 - 28                                    | Chinle/Alluvium Interface                 |
| MKTF-24        | 10/27/21                  | 2.00                   | 31.40                 | ND                    | NA                        | 21.05                   | 6,905.02                    | NA                                                | 18 - 28                                    | Chinle/Alluvium Interface                 |
| MKTF-24        | 11/17/21                  | 2.00                   | 31.40                 | ND                    | NA                        | 21.00                   | 6,905.07                    | NA                                                | 18 - 28                                    | Chinle/Alluvium Interface                 |
| MKTF-24        | 12/15/21                  | 2.00                   | 31.42                 | ND                    | NA                        | 20.90                   | 6,905.17                    | NA                                                | 18 - 28                                    | Chinle/Alluvium Interface                 |
| MKTF-24        | 01/10/22                  | 2.00                   | 31.42                 | ND                    | NA                        | 20.57                   | 6,905.50                    | NA                                                | 18 - 28                                    | Chinle/Alluvium Interface                 |
| MKTF-24        | 02/28/22                  | 2.00                   | 31.42                 | ND                    | NA                        | 20.55                   | 6,905.52                    | NA                                                | 18 - 28                                    | Chinle/Alluvium Interface                 |
| MKTF-24        | 03/02/22                  | 2.00                   | 31.40                 | ND                    | NA                        | 20.95                   | 6,905.12                    | NA                                                | 18 - 28                                    | Chinle/Alluvium Interface                 |
| MKTF-24        | 04/27/22                  | 2.00                   | 31.40                 | ND                    | NA                        | 21.26                   | 6,904.81                    | NA                                                | 18 - 28                                    | Chinle/Alluvium Interface                 |
| MKTF-24        | 05/05/22                  | 2.00                   | 31.40                 | ND                    | NA                        | 20.90                   | 6,905.17                    | NA                                                | 18 - 28                                    | Chinle/Alluvium Interface                 |
| MKTF-24        | 06/01/22                  | 2.00                   | 31.40                 | 20.76                 | 0.02                      | 20.78                   | 6,905.29                    | 6905.31                                           | 18 - 28                                    | Chinle/Alluvium Interface                 |
| MKTF-24        | 07/06/22                  | 2.00                   | 31.40                 | 20.37                 | 0.09                      | 20.46                   | 6,905.61                    | 6905.68                                           | 18 - 28                                    | Chinle/Alluvium Interface                 |
| MKTF-24        | 08/08/22                  | 2.00                   | 31.40                 | 19.63                 | 0.08                      | 19.71                   | 6,906.36                    | 6906.42                                           | 18 - 28                                    | Chinle/Alluvium Interface                 |
| MKTF-24        | 09/01/22                  | 2.00                   | 31.40                 | 20.88                 | 0.02                      | 20.90                   | 6,905.17                    | 6905.19                                           | 18 - 28                                    | Chinle/Alluvium Interface                 |
| MKTF-24        | 10/03/22                  | 2.00                   | 31.40                 | 20.93                 | 0.04                      | 20.97                   | 6,905.10                    | 6905.13                                           | 18 - 28                                    | Chinle/Alluvium Interface                 |
| MKTF-24        | 11/02/22                  | 2.00                   | 31.40                 | 20.95                 | 0.03                      | 20.98                   | 6,905.09                    | 6905.11                                           | 18 - 28                                    | Chinle/Alluvium Interface                 |
| MKTF-24        | 12/06/22                  | 2.00                   | 31.40                 | 21.12                 | 0.05                      | 21.17                   | 6,904.90                    | 6904.94                                           | 18 - 28                                    | Chinle/Alluvium Interface                 |
| MKTF-24        | 01/30/23                  | 2.00                   | 31.40                 | 21.13                 | 0.02                      | 21.15                   | 6,904.92                    | 6904.94                                           | 18 - 28                                    | Chinle/Alluvium Interface                 |
| MKTF-24        | 02/28/23                  | 2.00                   | 31.40                 | 21.10                 | 0.03                      | 21.13                   | 6,904.94                    | 6904.96                                           | 18 - 28                                    | Chinle/Alluvium Interface                 |
| MKTF-24        | 03/31/23                  | 2.00                   | 31.40                 | 20.59                 | 0.04                      | 20.63                   | 6,905.44                    | 6905.47                                           | 18 - 28                                    | Chinle/Alluvium Interface                 |
| MKTF-24        | 04/13/23                  | 2.00                   | 31.40                 | 20.47                 | 0.03                      | 20.50                   | 6,905.57                    | 6905.59                                           | 18 - 28                                    | Chinle/Alluvium Interface                 |
| MKTF-24        | 05/15/23                  | 2.00                   | 31.40                 | 20.45                 | 0.04                      | 20.49                   | 6,905.58                    | 6905.61                                           | 18 - 28                                    | Chinle/Alluvium Interface                 |
| MKTF-24        | 06/02/23                  | 2.00                   | 31.40                 | 20.41                 | 0.09                      | 20.50                   | 6,905.57                    | 6905.64                                           | 18 - 28                                    | Chinle/Alluvium Interface                 |
| MKTF-24        | 07/24/23                  | 2.00                   | 31.40                 | 20.47                 | 0.08                      | 20.55                   | 6,905.52                    | 6905.58                                           | 18 - 28                                    | Chinle/Alluvium Interface                 |
| MKTF-24        | 08/23/23                  | 2.00                   | 31.40                 | ND                    | NA                        | 22.07                   | 6,904.00                    | NA                                                | 18 - 28                                    | Chinle/Alluvium Interface                 |
| MKTF-24        | 09/06/23                  | 2.00                   | 31.40                 | ND                    | NA                        | 22.10                   | 6,903.97                    | NA                                                | 18 - 28                                    | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |



**TABLE 3A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground-water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| MKTF-25        | 06/01/21                  | 2.00                   | 20.09                 | ND                    | NA                        | 10.72                   | 6,902.63                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-25        | 07/21/21                  | 2.00                   | 20.09                 | ND                    | NA                        | 10.04                   | 6,903.31                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-25        | 08/26/21                  | 2.00                   | 20.09                 | ND                    | NA                        | 11.30                   | 6,902.05                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-25        | 09/08/21                  | 2.00                   | 20.09                 | ND                    | NA                        | 11.61                   | 6,901.74                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-25        | 10/27/21                  | 2.00                   | 20.09                 | ND                    | NA                        | 11.07                   | 6,902.28                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-25        | 11/17/21                  | 2.00                   | 20.09                 | ND                    | NA                        | 11.04                   | 6,902.31                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-25        | 12/16/21                  | 2.00                   | 20.07                 | ND                    | NA                        | 10.88                   | 6,902.47                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-25        | 01/10/22                  | 2.00                   | 20.07                 | ND                    | NA                        | 10.71                   | 6,902.64                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-25        | 02/28/22                  | 2.00                   | 20.07                 | ND                    | NA                        | 10.66                   | 6,902.69                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-25        | 03/02/22                  | 2.00                   | 20.08                 | ND                    | NA                        | 10.86                   | 6,902.49                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-25        | 04/27/22                  | 2.00                   | 20.08                 | ND                    | NA                        | 11.30                   | 6,902.05                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-25        | 05/05/22                  | 2.00                   | 20.08                 | ND                    | NA                        | 11.17                   | 6,902.18                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-25        | 06/01/22                  | 2.00                   | 20.08                 | 10.79                 | 0.02                      | 10.81                   | 6,902.54                    | 6902.56                                           | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-25        | 07/06/22                  | 2.00                   | 20.08                 | 10.62                 | 0.04                      | 10.66                   | 6,902.69                    | 6902.72                                           | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-25        | 08/08/22                  | 2.00                   | 20.08                 | 10.76                 | 0.03                      | 10.79                   | 6,902.56                    | 6902.58                                           | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-25        | 09/01/22                  | 2.00                   | 20.08                 | 10.73                 | 0.02                      | 10.75                   | 6,902.60                    | 6902.62                                           | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-25        | 10/03/22                  | 2.00                   | 20.08                 | 10.79                 | 0.03                      | 10.82                   | 6,902.53                    | 6902.55                                           | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-25        | 11/02/22                  | 2.00                   | 20.08                 | 10.79                 | 0.03                      | 10.82                   | 6,902.53                    | 6902.55                                           | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-25        | 12/06/22                  | 2.00                   | 20.08                 | 10.80                 | 0.04                      | 10.84                   | 6,902.51                    | 6902.54                                           | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-25        | 1/30/2023                 | 2.00                   | 20.08                 | 10.76                 | 0.05                      | 10.81                   | 6,902.54                    | 6902.58                                           | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-25        | 2/28/2023                 | 2.00                   | 20.08                 | 11.19                 | 0.07                      | 11.26                   | 6,902.09                    | 6902.15                                           | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-25        | 3/31/2023                 | 2.00                   | 20.08                 | 10.66                 | 0.05                      | 10.71                   | 6,902.64                    | 6902.68                                           | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-25        | 4/13/2023                 | 2.00                   | 20.08                 | 10.76                 | 0.04                      | 10.80                   | 6,902.55                    | 6902.58                                           | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-25        | 5/15/2023                 | 2.00                   | 20.08                 | 10.79                 | 0.04                      | 10.83                   | 6,902.52                    | 6902.55                                           | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-25        | 06/02/23                  | 2.00                   | 20.08                 | 10.71                 | 0.05                      | 10.76                   | 6,902.59                    | 6902.63                                           | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-25        | 07/24/23                  | 2.00                   | 20.08                 | 10.49                 | 0.25                      | 10.74                   | 6,902.61                    | 6902.81                                           | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-25        | 08/23/23                  | 2.00                   | 20.08                 | ND                    | NA                        | 11.82                   | 6,901.53                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-25        | 09/06/23                  | 2.00                   | 20.08                 | ND                    | NA                        | 11.81                   | 6,901.54                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground-water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| MKTF-26        | 01/28/21                  | 2.00                   | 17.16                 | 6.17                  | 0.27                      | 6.44                    | 6,906.11                    | 6906.33                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-26        | 02/27/21                  | 2.00                   | 16.90                 | 6.12                  | 0.17                      | 6.29                    | 6,906.26                    | 6906.40                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-26        | 03/31/21                  | 2.00                   | 16.90                 | 6.24                  | 0.11                      | 6.35                    | 6,906.20                    | 6906.29                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-26        | 04/26/21                  | 2.00                   | 16.90                 | 6.05                  | 0.11                      | 6.16                    | 6,906.39                    | 6906.48                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-26        | 05/20/21                  | 2.00                   | 16.90                 | 6.26                  | 0.12                      | 6.38                    | 6,906.17                    | 6906.27                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-26        | 06/01/21                  | 2.00                   | 16.90                 | 6.34                  | 0.09                      | 6.43                    | 6,906.12                    | 6906.19                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-26        | 07/07/21                  | 2.00                   | 16.90                 | ND                    | NA                        | 6.58                    | 6,905.97                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-26        | 08/26/21                  | 2.00                   | 16.90                 | 6.22                  | 0.02                      | 6.24                    | 6,906.31                    | 6906.33                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-26        | 09/09/21                  | 2.00                   | 16.90                 | 6.26                  | 0.02                      | 6.28                    | 6,906.27                    | 6906.29                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-26        | 10/27/21                  | 2.00                   | 16.90                 | 6.14                  | 0.02                      | 6.16                    | 6,906.39                    | 6906.41                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-26        | 11/02/21                  | 2.00                   | 16.90                 | ND                    | NA                        | 6.12                    | 6,906.43                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-26        | 12/09/21                  | 2.00                   | 16.90                 | 6.01                  | 0.19                      | 6.20                    | 6,906.35                    | 6906.50                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-26        | 01/10/22                  | 2.00                   | 16.90                 | ND                    | NA                        | 6.06                    | 6,906.49                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-26        | 02/28/22                  | 2.00                   | 16.90                 | ND                    | NA                        | 6.05                    | 6,906.50                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-26        | 03/02/22                  | 2.00                   | 16.90                 | 6.03                  | 0.18                      | 6.21                    | 6,906.34                    | 6906.48                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-26        | 04/27/22                  | 2.00                   | 16.90                 | 6.09                  | 0.10                      | 6.19                    | 6,906.36                    | 6906.44                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-26        | 05/05/22                  | 2.00                   | 16.90                 | 6.08                  | 0.12                      | 6.20                    | 6,906.35                    | 6906.45                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-26        | 06/01/22                  | 2.00                   | 16.90                 | 6.20                  | 0.02                      | 6.22                    | 6,906.33                    | 6906.35                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-26        | 07/06/22                  | 2.00                   | 16.90                 | 5.89                  | 0.03                      | 5.92                    | 6,906.63                    | 6906.65                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-26        | 08/08/22                  | 2.00                   | 16.90                 | 5.92                  | 0.02                      | 5.94                    | 6,906.61                    | 6906.63                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-26        | 09/01/22                  | 2.00                   | 16.90                 | 6.20                  | 0.04                      | 6.24                    | 6,906.31                    | 6906.34                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-26        | 10/03/22                  | 2.00                   | 16.90                 | 6.22                  | 0.06                      | 6.28                    | 6,906.27                    | 6906.32                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-26        | 11/02/22                  | 2.00                   | 16.90                 | 6.24                  | 0.07                      | 6.31                    | 6,906.24                    | 6906.30                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-26        | 12/06/22                  | 2.00                   | 16.90                 | 6.27                  | 0.07                      | 6.34                    | 6,906.21                    | 6906.27                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-26        | 01/30/23                  | 2.00                   | 16.90                 | 6.24                  | 0.07                      | 6.31                    | 6,906.24                    | 6906.30                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-26        | 02/28/23                  | 2.00                   | 16.90                 | 6.17                  | 0.09                      | 6.26                    | 6,906.29                    | 6906.36                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-26        | 03/31/23                  | 2.00                   | 16.90                 | 6.12                  | 0.07                      | 6.19                    | 6,906.36                    | 6906.42                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-26        | 04/13/23                  | 2.00                   | 16.90                 | 6.14                  | 0.07                      | 6.21                    | 6,906.34                    | 6906.40                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-26        | 05/16/23                  | 2.00                   | 16.90                 | 6.22                  | 0.07                      | 6.29                    | 6,906.26                    | 6906.32                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-26        | 06/02/23                  | 2.00                   | 16.90                 | 5.90                  | 0.09                      | 5.99                    | 6,906.56                    | 6906.63                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-26        | 07/24/23                  | 2.00                   | 16.90                 | 5.95                  | 0.09                      | 6.04                    | 6,906.51                    | 6906.58                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-26        | 08/23/23                  | 2.00                   | 16.90                 | ND                    | NA                        | 7.62                    | 6,904.93                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-26        | 09/06/23                  | 2.00                   | 16.90                 | ND                    | NA                        | 7.59                    | 6,904.96                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground-water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| MKTF-27        | 06/01/21                  | 2.00                   | 14.76                 | ND                    | NA                        | 4.15                    | 6,911.21                    | NA                                                | 1 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-27        | 07/21/21                  | 2.00                   | 14.76                 | ND                    | NA                        | 3.21                    | 6,912.15                    | NA                                                | 1 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-27        | 08/26/21                  | 2.00                   | 14.76                 | ND                    | NA                        | 4.04                    | 6,911.32                    | NA                                                | 1 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-27        | 09/09/21                  | 2.00                   | 14.76                 | ND                    | NA                        | 4.46                    | 6,910.90                    | NA                                                | 1 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-27        | 10/27/21                  | 2.00                   | 14.76                 | ND                    | NA                        | 3.98                    | 6,911.38                    | NA                                                | 1 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-27        | 11/17/21                  | 2.00                   | 14.76                 | ND                    | NA                        | 4.01                    | 6,911.35                    | NA                                                | 1 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-27        | 12/13/21                  | 2.00                   | 14.76                 | ND                    | NA                        | 4.07                    | 6,911.29                    | NA                                                | 1 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-27        | 01/10/22                  | 2.00                   | 14.76                 | ND                    | NA                        | 4.33                    | 6,911.03                    | NA                                                | 1 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-27        | 02/28/22                  | 2.00                   | 14.76                 | ND                    | NA                        | 4.31                    | 6,911.05                    | NA                                                | 1 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-27        | 03/01/22                  | 2.00                   | 14.75                 | ND                    | NA                        | 4.04                    | 6,911.32                    | NA                                                | 1 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-27        | 04/27/22                  | 2.00                   | 14.75                 | ND                    | NA                        | 3.86                    | 6,911.50                    | NA                                                | 1 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-27        | 05/05/22                  | 2.00                   | 14.75                 | ND                    | NA                        | 4.07                    | 6,911.29                    | NA                                                | 1 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-27        | 06/01/22                  | 2.00                   | 14.74                 | ND                    | NA                        | 4.58                    | 6,910.78                    | NA                                                | 1 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-27        | 07/06/22                  | 2.00                   | 14.73                 | ND                    | NA                        | 4.55                    | 6,910.81                    | NA                                                | 1 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-27        | 08/08/22                  | 2.00                   | 14.72                 | ND                    | NA                        | 4.42                    | 6,910.94                    | NA                                                | 1 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-27        | 09/01/22                  | 2.00                   | 14.71                 | ND                    | NA                        | 4.81                    | 6,910.55                    | NA                                                | 1 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-27        | 10/03/22                  | 2.00                   | 14.70                 | ND                    | NA                        | 4.90                    | 6,910.46                    | NA                                                | 1 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-27        | 11/02/22                  | 2.00                   | 14.69                 | ND                    | NA                        | 6.48                    | 6,908.88                    | NA                                                | 1 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-27        | 12/08/22                  | 2.00                   | 14.68                 | ND                    | NA                        | 4.27                    | 6,911.09                    | NA                                                | 1 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-27        | 01/30/23                  | 2.00                   | 14.70                 | ND                    | NA                        | 4.31                    | 6,911.05                    | NA                                                | 1 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-27        | 02/28/23                  | 2.00                   | 14.69                 | ND                    | NA                        | 4.29                    | 6,911.07                    | NA                                                | 1 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-27        | 03/07/23                  | 2.00                   | 14.68                 | ND                    | NA                        | 3.86                    | 6,911.50                    | NA                                                | 1 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-27        | 04/13/23                  | 2.00                   | 14.70                 | ND                    | NA                        | 4.00                    | 6,911.36                    | NA                                                | 1 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-27        | 05/16/23                  | 2.00                   | 14.69                 | ND                    | NA                        | 4.21                    | 6,911.15                    | NA                                                | 1 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-27        | 06/02/23                  | 2.00                   | 14.68                 | ND                    | NA                        | 4.34                    | 6,911.02                    | NA                                                | 1 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-27        | 07/24/23                  | 2.00                   | 14.68                 | ND                    | NA                        | 4.21                    | 6,911.15                    | NA                                                | 1 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-27        | 08/23/23                  | 2.00                   | 14.68                 | ND                    | NA                        | 5.21                    | 6,910.15                    | NA                                                | 1 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-27        | 09/06/23                  | 2.00                   | 14.68                 | ND                    | NA                        | 5.19                    | 6,910.17                    | NA                                                | 1 - 12                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |



**TABLE 3A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground-water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| MKTF-28        | 06/01/21                  | 2.00                   | 16.16                 | ND                    | NA                        | 5.02                    | 6,913.65                    | NA                                                | 3 - 13                                     | Chinle/Alluvium Interface                 |
| MKTF-28        | 07/21/21                  | 2.00                   | 16.16                 | ND                    | NA                        | 5.70                    | 6,912.97                    | NA                                                | 3 - 13                                     | Chinle/Alluvium Interface                 |
| MKTF-28        | 08/26/21                  | 2.00                   | 16.16                 | ND                    | NA                        | 6.15                    | 6,912.52                    | NA                                                | 3 - 13                                     | Chinle/Alluvium Interface                 |
| MKTF-28        | 09/09/21                  | 2.00                   | 16.16                 | ND                    | NA                        | 5.55                    | 6,913.12                    | NA                                                | 3 - 13                                     | Chinle/Alluvium Interface                 |
| MKTF-28        | 10/27/21                  | 2.00                   | 16.16                 | ND                    | NA                        | 8.05                    | 6,910.62                    | NA                                                | 3 - 13                                     | Chinle/Alluvium Interface                 |
| MKTF-28        | 11/17/21                  | 2.00                   | 16.16                 | ND                    | NA                        | 5.64                    | 6,913.03                    | NA                                                | 3 - 13                                     | Chinle/Alluvium Interface                 |
| MKTF-28        | 12/13/21                  | 2.00                   | 16.16                 | ND                    | NA                        | 4.72                    | 6,913.95                    | NA                                                | 3 - 13                                     | Chinle/Alluvium Interface                 |
| MKTF-28        | 01/10/22                  | 2.00                   | 16.16                 | ND                    | NA                        | 4.65                    | 6,914.02                    | NA                                                | 3 - 13                                     | Chinle/Alluvium Interface                 |
| MKTF-28        | 02/28/22                  | 2.00                   | 16.16                 | ND                    | NA                        | 4.67                    | 6,914.00                    | NA                                                | 3 - 13                                     | Chinle/Alluvium Interface                 |
| MKTF-28        | 03/01/22                  | 2.00                   | 16.17                 | ND                    | NA                        | 4.68                    | 6,913.99                    | NA                                                | 3 - 13                                     | Chinle/Alluvium Interface                 |
| MKTF-28        | 04/27/22                  | 2.00                   | 16.17                 | ND                    | NA                        | 4.51                    | 6,914.16                    | NA                                                | 3 - 13                                     | Chinle/Alluvium Interface                 |
| MKTF-28        | 05/05/22                  | 2.00                   | 16.17                 | ND                    | NA                        | 4.89                    | 6,913.78                    | NA                                                | 3 - 13                                     | Chinle/Alluvium Interface                 |
| MKTF-28        | 06/01/22                  | 2.00                   | 16.16                 | ND                    | NA                        | 6.01                    | 6,912.66                    | NA                                                | 3 - 13                                     | Chinle/Alluvium Interface                 |
| MKTF-28        | 07/06/22                  | 2.00                   | 16.15                 | ND                    | NA                        | 5.98                    | 6,912.69                    | NA                                                | 3 - 13                                     | Chinle/Alluvium Interface                 |
| MKTF-28        | 08/08/22                  | 2.00                   | 16.14                 | ND                    | NA                        | 5.90                    | 6,912.77                    | NA                                                | 3 - 13                                     | Chinle/Alluvium Interface                 |
| MKTF-28        | 09/01/22                  | 2.00                   | 16.13                 | ND                    | NA                        | 6.05                    | 6,912.62                    | NA                                                | 3 - 13                                     | Chinle/Alluvium Interface                 |
| MKTF-28        | 10/03/22                  | 2.00                   | 16.12                 | ND                    | NA                        | 6.18                    | 6,912.49                    | NA                                                | 3 - 13                                     | Chinle/Alluvium Interface                 |
| MKTF-28        | 11/03/22                  | 2.00                   | 16.11                 | ND                    | NA                        | 6.13                    | 6,912.54                    | NA                                                | 3 - 13                                     | Chinle/Alluvium Interface                 |
| MKTF-28        | 12/08/22                  | 2.00                   | 16.10                 | ND                    | NA                        | 7.40                    | 6,911.27                    | NA                                                | 3 - 13                                     | Chinle/Alluvium Interface                 |
| MKTF-28        | 01/30/23                  | 2.00                   | 16.12                 | ND                    | NA                        | 7.38                    | 6,911.29                    | NA                                                | 3 - 13                                     | Chinle/Alluvium Interface                 |
| MKTF-28        | 02/28/23                  | 2.00                   | 16.11                 | ND                    | NA                        | 7.35                    | 6,911.32                    | NA                                                | 3 - 13                                     | Chinle/Alluvium Interface                 |
| MKTF-28        | 03/07/23                  | 2.00                   | 16.10                 | ND                    | NA                        | 5.42                    | 6,913.25                    | NA                                                | 3 - 13                                     | Chinle/Alluvium Interface                 |
| MKTF-28        | 04/13/23                  | 2.00                   | 16.12                 | ND                    | NA                        | 5.45                    | 6,913.22                    | NA                                                | 3 - 13                                     | Chinle/Alluvium Interface                 |
| MKTF-28        | 05/16/23                  | 2.00                   | 16.11                 | ND                    | NA                        | 5.48                    | 6,913.19                    | NA                                                | 3 - 13                                     | Chinle/Alluvium Interface                 |
| MKTF-28        | 06/02/23                  | 2.00                   | 16.10                 | ND                    | NA                        | 5.34                    | 6,913.33                    | NA                                                | 3 - 13                                     | Chinle/Alluvium Interface                 |
| MKTF-28        | 07/24/23                  | 2.00                   | 16.12                 | ND                    | NA                        | 5.25                    | 6,913.42                    | NA                                                | 3 - 13                                     | Chinle/Alluvium Interface                 |
| MKTF-28        | 08/23/23                  | 2.00                   | 16.11                 | ND                    | NA                        | 5.20                    | 6,913.47                    | NA                                                | 3 - 13                                     | Chinle/Alluvium Interface                 |
| MKTF-28        | 09/06/23                  | 2.00                   | 16.10                 | ND                    | NA                        | 5.16                    | 6,913.51                    | NA                                                | 3 - 13                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground-water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| MKTF-29        | 06/01/21                  | 2.00                   | 22.83                 | ND                    | NA                        | 1.33                    | 6,897.50                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-29        | 07/21/21                  | 2.00                   | 22.83                 | ND                    | NA                        | 5.11                    | 6,893.72                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-29        | 08/26/21                  | 2.00                   | 22.83                 | ND                    | NA                        | 5.52                    | 6,893.31                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-29        | 09/09/21                  | 2.00                   | 22.83                 | ND                    | NA                        | 5.96                    | 6,892.87                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-29        | 10/27/21                  | 2.00                   | 22.83                 | ND                    | NA                        | 4.53                    | 6,894.30                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-29        | 11/17/21                  | 2.00                   | 22.83                 | ND                    | NA                        | 4.29                    | 6,894.54                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-29        | 12/13/21                  | 2.00                   | 22.83                 | ND                    | NA                        | 3.66                    | 6,895.17                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-29        | 01/10/22                  | 2.00                   | 22.83                 | ND                    | NA                        | 3.85                    | 6,894.98                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-29        | 02/28/22                  | 2.00                   | 22.83                 | ND                    | NA                        | 3.86                    | 6,894.97                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-29        | 03/01/22                  | 2.00                   | 22.84                 | ND                    | NA                        | 3.63                    | 6,895.20                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-29        | 04/27/22                  | 2.00                   | 22.84                 | ND                    | NA                        | 3.76                    | 6,895.07                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-29        | 05/05/22                  | 2.00                   | 22.84                 | ND                    | NA                        | 4.08                    | 6,894.75                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-29        | 06/01/22                  | 2.00                   | 22.85                 | ND                    | NA                        | 4.28                    | 6,894.55                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-29        | 07/06/22                  | 2.00                   | 22.86                 | ND                    | NA                        | 4.39                    | 6,894.44                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-29        | 08/08/22                  | 2.00                   | 22.87                 | ND                    | NA                        | 4.59                    | 6,894.24                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-29        | 09/01/22                  | 2.00                   | 22.88                 | ND                    | NA                        | 6.01                    | 6,892.82                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-29        | 10/03/22                  | 2.00                   | 22.89                 | ND                    | NA                        | 6.04                    | 6,892.79                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-29        | 11/03/22                  | 2.00                   | 22.90                 | ND                    | NA                        | 6.22                    | 6,892.61                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-29        | 12/09/22                  | 2.00                   | 22.91                 | ND                    | NA                        | 3.46                    | 6,895.37                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-29        | 1/30/2023                 | 2.00                   | 22.89                 | ND                    | NA                        | 3.44                    | 6,895.39                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-29        | 2/28/2023                 | 2.00                   | 22.90                 | ND                    | NA                        | 3.43                    | 6,895.40                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-29        | 3/7/2023                  | 2.00                   | 22.91                 | ND                    | NA                        | 2.83                    | 6,896.00                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-29        | 4/13/2023                 | 2.00                   | 22.89                 | ND                    | NA                        | 2.96                    | 6,895.87                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-29        | 5/16/2023                 | 2.00                   | 22.90                 | ND                    | NA                        | 3.01                    | 6,895.82                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-29        | 06/02/23                  | 2.00                   | 22.91                 | ND                    | NA                        | 2.98                    | 6,895.85                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-29        | 07/24/23                  | 2.00                   | 22.91                 | ND                    | NA                        | 2.98                    | 6,895.85                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-29        | 08/23/23                  | 2.00                   | 22.91                 | ND                    | NA                        | 2.84                    | 6,895.99                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-29        | 09/06/23                  | 2.00                   | 22.91                 | ND                    | NA                        | 2.81                    | 6,896.02                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground-water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| MKTF-30        | 06/01/21                  | 2.00                   | 22.95                 | ND                    | NA                        | 13.62                   | 6,884.48                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-30        | 07/21/21                  | 2.00                   | 22.95                 | ND                    | NA                        | 14.33                   | 6,883.77                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-30        | 08/26/21                  | 2.00                   | 22.95                 | ND                    | NA                        | 14.62                   | 6,883.48                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-30        | 09/09/21                  | 2.00                   | 22.95                 | ND                    | NA                        | 14.69                   | 6,883.41                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-30        | 10/27/21                  | 2.00                   | 22.95                 | ND                    | NA                        | 14.60                   | 6,883.50                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-30        | 11/17/21                  | 2.00                   | 22.95                 | ND                    | NA                        | 14.62                   | 6,883.48                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-30        | 12/13/21                  | 2.00                   | 22.95                 | ND                    | NA                        | 14.51                   | 6,883.59                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-30        | 01/10/22                  | 2.00                   | 22.95                 | ND                    | NA                        | 14.43                   | 6,883.67                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-30        | 02/28/22                  | 2.00                   | 22.95                 | ND                    | NA                        | 14.47                   | 6,883.63                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-30        | 03/01/22                  | 2.00                   | 22.95                 | ND                    | NA                        | 15.00                   | 6,883.10                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-30        | 04/27/22                  | 2.00                   | 22.95                 | ND                    | NA                        | 15.40                   | 6,882.70                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-30        | 05/05/22                  | 2.00                   | 22.95                 | ND                    | NA                        | 15.30                   | 6,882.80                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-30        | 06/01/22                  | 2.00                   | 22.95                 | ND                    | NA                        | 14.93                   | 6,883.17                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-30        | 07/06/22                  | 2.00                   | 22.95                 | ND                    | NA                        | 14.27                   | 6,883.83                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-30        | 08/08/22                  | 2.00                   | 22.95                 | ND                    | NA                        | 14.40                   | 6,883.70                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-30        | 09/01/22                  | 2.00                   | 22.95                 | ND                    | NA                        | 14.15                   | 6,883.95                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-30        | 10/03/22                  | 2.00                   | 22.95                 | ND                    | NA                        | 14.12                   | 6,883.98                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-30        | 11/03/22                  | 2.00                   | 22.95                 | ND                    | NA                        | 14.10                   | 6,884.00                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-30        | 12/29/22                  | 2.00                   | 22.95                 | ND                    | NA                        | 13.72                   | 6,884.38                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-30        | 01/30/23                  | 2.00                   | 22.95                 | ND                    | NA                        | 13.69                   | 6,884.41                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-30        | 02/28/23                  | 2.00                   | 22.95                 | ND                    | NA                        | 13.72                   | 6,884.38                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-30        | 03/07/23                  | 2.00                   | 22.95                 | ND                    | NA                        | 12.95                   | 6,885.15                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-30        | 04/13/23                  | 2.00                   | 22.95                 | ND                    | NA                        | 12.85                   | 6,885.25                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-30        | 05/16/23                  | 2.00                   | 22.95                 | ND                    | NA                        | 13.10                   | 6,885.00                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-30        | 06/02/23                  | 2.00                   | 22.95                 | ND                    | NA                        | 12.49                   | 6,885.61                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-30        | 07/24/23                  | 2.00                   | 22.95                 | ND                    | NA                        | 12.45                   | 6,885.65                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-30        | 08/23/23                  | 2.00                   | 22.95                 | ND                    | NA                        | 12.37                   | 6,885.73                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-30        | 09/06/23                  | 2.00                   | 22.95                 | ND                    | NA                        | 12.40                   | 6,885.70                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |



**TABLE 3A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground-water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| MKTF-31        | 06/01/21                  | 2.00                   | 19.36                 | ND                    | NA                        | 5.82                    | 6,898.44                    | NA                                                | 6 - 21                                     | Chinle/Alluvium Interface                 |
| MKTF-31        | 07/21/21                  | 2.00                   | 19.36                 | ND                    | NA                        | 6.02                    | 6,898.24                    | NA                                                | 6 - 21                                     | Chinle/Alluvium Interface                 |
| MKTF-31        | 08/26/21                  | 2.00                   | 19.36                 | ND                    | NA                        | 6.64                    | 6,897.62                    | NA                                                | 6 - 21                                     | Chinle/Alluvium Interface                 |
| MKTF-31        | 09/09/21                  | 2.00                   | 19.35                 | ND                    | NA                        | 6.79                    | 6,897.47                    | NA                                                | 6 - 21                                     | Chinle/Alluvium Interface                 |
| MKTF-31        | 10/27/21                  | 2.00                   | 19.35                 | ND                    | NA                        | 6.83                    | 6,897.43                    | NA                                                | 6 - 21                                     | Chinle/Alluvium Interface                 |
| MKTF-31        | 11/17/21                  | 2.00                   | 19.35                 | ND                    | NA                        | 6.71                    | 6,897.55                    | NA                                                | 6 - 21                                     | Chinle/Alluvium Interface                 |
| MKTF-31        | 12/15/21                  | 2.00                   | 19.33                 | ND                    | NA                        | 6.73                    | 6,897.53                    | NA                                                | 6 - 21                                     | Chinle/Alluvium Interface                 |
| MKTF-31        | 01/10/22                  | 2.00                   | 19.33                 | ND                    | NA                        | 6.69                    | 6,897.57                    | NA                                                | 6 - 21                                     | Chinle/Alluvium Interface                 |
| MKTF-31        | 02/28/22                  | 2.00                   | 19.33                 | ND                    | NA                        | 6.39                    | 6,897.87                    | NA                                                | 6 - 21                                     | Chinle/Alluvium Interface                 |
| MKTF-31        | 03/02/22                  | 2.00                   | 19.35                 | ND                    | NA                        | 6.69                    | 6,897.57                    | NA                                                | 6 - 21                                     | Chinle/Alluvium Interface                 |
| MKTF-31        | 04/27/22                  | 2.00                   | 19.35                 | ND                    | NA                        | 7.03                    | 6,897.23                    | NA                                                | 6 - 21                                     | Chinle/Alluvium Interface                 |
| MKTF-31        | 05/05/22                  | 2.00                   | 19.35                 | ND                    | NA                        | 6.70                    | 6,897.56                    | NA                                                | 6 - 21                                     | Chinle/Alluvium Interface                 |
| MKTF-31        | 06/01/22                  | 2.00                   | 19.38                 | ND                    | NA                        | 6.61                    | 6,897.65                    | NA                                                | 6 - 21                                     | Chinle/Alluvium Interface                 |
| MKTF-31        | 07/06/22                  | 2.00                   | 19.41                 | ND                    | NA                        | 6.90                    | 6,897.36                    | NA                                                | 6 - 21                                     | Chinle/Alluvium Interface                 |
| MKTF-31        | 08/08/22                  | 2.00                   | 19.44                 | ND                    | NA                        | 6.77                    | 6,897.49                    | NA                                                | 6 - 21                                     | Chinle/Alluvium Interface                 |
| MKTF-31        | 09/01/22                  | 2.00                   | 19.47                 | ND                    | NA                        | 6.99                    | 6,897.27                    | NA                                                | 6 - 21                                     | Chinle/Alluvium Interface                 |
| MKTF-31        | 10/03/22                  | 2.00                   | 19.50                 | ND                    | NA                        | 6.94                    | 6,897.32                    | NA                                                | 6 - 21                                     | Chinle/Alluvium Interface                 |
| MKTF-31        | 11/03/22                  | 2.00                   | 19.53                 | ND                    | NA                        | 7.02                    | 6,897.24                    | NA                                                | 6 - 21                                     | Chinle/Alluvium Interface                 |
| MKTF-31        | 12/08/22                  | 2.00                   | 19.56                 | ND                    | NA                        | 7.04                    | 6,897.22                    | NA                                                | 6 - 21                                     | Chinle/Alluvium Interface                 |
| MKTF-31        | 1/30/2023                 | 2.00                   | 19.50                 | ND                    | NA                        | 7.15                    | 6,897.11                    | NA                                                | 6 - 21                                     | Chinle/Alluvium Interface                 |
| MKTF-31        | 2/28/2023                 | 2.00                   | 19.53                 | ND                    | NA                        | 7.13                    | 6,897.13                    | NA                                                | 6 - 21                                     | Chinle/Alluvium Interface                 |
| MKTF-31        | 3/7/2023                  | 2.00                   | 19.56                 | ND                    | NA                        | 6.84                    | 6,897.42                    | NA                                                | 6 - 21                                     | Chinle/Alluvium Interface                 |
| MKTF-31        | 4/13/2023                 | 2.00                   | 19.50                 | ND                    | NA                        | 6.90                    | 6,897.36                    | NA                                                | 6 - 21                                     | Chinle/Alluvium Interface                 |
| MKTF-31        | 5/15/2023                 | 2.00                   | 19.53                 | ND                    | NA                        | 7.07                    | 6,897.19                    | NA                                                | 6 - 21                                     | Chinle/Alluvium Interface                 |
| MKTF-31        | 6/11/2023                 | 2.00                   | 19.56                 | ND                    | NA                        | 6.83                    | 6,897.43                    | NA                                                | 6 - 21                                     | Chinle/Alluvium Interface                 |
| MKTF-31        | 7/24/2023                 | 2.00                   | 19.56                 | ND                    | NA                        | 6.79                    | 6,897.47                    | NA                                                | 6 - 21                                     | Chinle/Alluvium Interface                 |
| MKTF-31        | 8/23/2023                 | 2.00                   | 19.56                 | ND                    | NA                        | 6.91                    | 6,897.35                    | NA                                                | 6 - 21                                     | Chinle/Alluvium Interface                 |
| MKTF-31        | 9/6/2023                  | 2.00                   | 19.56                 | ND                    | NA                        | 6.87                    | 6,897.39                    | NA                                                | 6 - 21                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground-water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| MKTF-32        | 06/01/21                  | 2.00                   | 27.79                 | ND                    | NA                        | 11.19                   | 6,897.25                    | NA                                                | 9- 26                                      | Chinle/Alluvium Interface                 |
| MKTF-32        | 07/21/21                  | 2.00                   | 27.79                 | ND                    | NA                        | 11.55                   | 6,896.89                    | NA                                                | 9- 26                                      | Chinle/Alluvium Interface                 |
| MKTF-32        | 08/25/21                  | 2.00                   | 27.79                 | ND                    | NA                        | 12.28                   | 6,896.16                    | NA                                                | 9- 26                                      | Chinle/Alluvium Interface                 |
| MKTF-32        | 09/09/21                  | 2.00                   | 27.79                 | ND                    | NA                        | 12.53                   | 6,895.91                    | NA                                                | 9- 26                                      | Chinle/Alluvium Interface                 |
| MKTF-32        | 10/27/21                  | 2.00                   | 27.79                 | ND                    | NA                        | 11.80                   | 6,896.64                    | NA                                                | 9- 26                                      | Chinle/Alluvium Interface                 |
| MKTF-32        | 11/17/21                  | 2.00                   | 27.79                 | ND                    | NA                        | 11.88                   | 6,896.56                    | NA                                                | 9- 26                                      | Chinle/Alluvium Interface                 |
| MKTF-32        | 12/03/21                  | 2.00                   | 27.50                 | ND                    | NA                        | 11.81                   | 6,896.63                    | NA                                                | 9- 26                                      | Chinle/Alluvium Interface                 |
| MKTF-32        | 01/10/22                  | 2.00                   | 27.50                 | ND                    | NA                        | 11.58                   | 6,896.86                    | NA                                                | 9- 26                                      | Chinle/Alluvium Interface                 |
| MKTF-32        | 02/28/22                  | 2.00                   | 27.50                 | ND                    | NA                        | 11.59                   | 6,896.85                    | NA                                                | 9- 26                                      | Chinle/Alluvium Interface                 |
| MKTF-32        | 03/01/22                  | 2.00                   | 27.78                 | ND                    | NA                        | 11.75                   | 6,896.69                    | NA                                                | 9- 26                                      | Chinle/Alluvium Interface                 |
| MKTF-32        | 04/27/22                  | 2.00                   | 27.78                 | ND                    | NA                        | 11.53                   | 6,896.91                    | NA                                                | 9- 26                                      | Chinle/Alluvium Interface                 |
| MKTF-32        | 05/05/22                  | 2.00                   | 27.78                 | ND                    | NA                        | 11.60                   | 6,896.84                    | NA                                                | 9- 26                                      | Chinle/Alluvium Interface                 |
| MKTF-32        | 06/01/22                  | 2.00                   | 27.80                 | ND                    | NA                        | 12.08                   | 6,896.36                    | NA                                                | 9- 26                                      | Chinle/Alluvium Interface                 |
| MKTF-32        | 07/06/22                  | 2.00                   | 27.82                 | ND                    | NA                        | 12.16                   | 6,896.28                    | NA                                                | 9- 26                                      | Chinle/Alluvium Interface                 |
| MKTF-32        | 08/08/22                  | 2.00                   | 27.84                 | ND                    | NA                        | 12.53                   | 6,895.91                    | NA                                                | 9- 26                                      | Chinle/Alluvium Interface                 |
| MKTF-32        | 09/01/22                  | 2.00                   | 27.86                 | ND                    | NA                        | 11.83                   | 6,896.61                    | NA                                                | 9- 26                                      | Chinle/Alluvium Interface                 |
| MKTF-32        | 10/03/22                  | 2.00                   | 27.88                 | ND                    | NA                        | 12.13                   | 6,896.31                    | NA                                                | 9- 26                                      | Chinle/Alluvium Interface                 |
| MKTF-32        | 11/03/22                  | 2.00                   | 27.90                 | ND                    | NA                        | 12.08                   | 6,896.36                    | NA                                                | 9- 26                                      | Chinle/Alluvium Interface                 |
| MKTF-32        | 12/06/22                  | 2.00                   | 27.92                 | ND                    | NA                        | 7.14                    | 6,901.30                    | NA                                                | 9- 26                                      | Chinle/Alluvium Interface                 |
| MKTF-32        | 1/30/2023                 | 2.00                   | 27.88                 | ND                    | NA                        | 7.20                    | 6,901.24                    | NA                                                | 9- 26                                      | Chinle/Alluvium Interface                 |
| MKTF-32        | 2/28/2023                 | 2.00                   | 27.90                 | ND                    | NA                        | 10.18                   | 6,898.26                    | NA                                                | 9- 26                                      | Chinle/Alluvium Interface                 |
| MKTF-32        | 3/6/2023                  | 2.00                   | 27.92                 | ND                    | NA                        | 11.81                   | 6,896.63                    | NA                                                | 9- 26                                      | Chinle/Alluvium Interface                 |
| MKTF-32        | 4/11/2023                 | 2.00                   | 27.88                 | ND                    | NA                        | 11.58                   | 6,896.86                    | NA                                                | 9- 26                                      | Chinle/Alluvium Interface                 |
| MKTF-32        | 5/15/2023                 | 2.00                   | 27.90                 | ND                    | NA                        | 11.71                   | 6,896.73                    | NA                                                | 9- 26                                      | Chinle/Alluvium Interface                 |
| MKTF-32        | 6/1/2023                  | 2.00                   | 27.92                 | ND                    | NA                        | 11.91                   | 6,896.53                    | NA                                                | 9- 26                                      | Chinle/Alluvium Interface                 |
| MKTF-32        | 7/24/2023                 | 2.00                   | 27.92                 | ND                    | NA                        | 11.91                   | 6,896.53                    | NA                                                | 9- 26                                      | Chinle/Alluvium Interface                 |
| MKTF-32        | 8/21/2023                 | 2.00                   | 27.92                 | ND                    | NA                        | 12.38                   | 6,896.06                    | NA                                                | 9- 26                                      | Chinle/Alluvium Interface                 |
| MKTF-32        | 9/6/2023                  | 2.00                   | 27.92                 | ND                    | ND                        | 12.33                   | 6,896.11                    | NA                                                | 9- 26                                      | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground-water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| MKTF-33        | 06/01/21                  | 2.00                   | 33.28                 | 19.91                 | 0.38                      | 20.29                   | 6,916.30                    | 6916.60                                           | 20 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-33        | 07/07/21                  | 2.00                   | 33.28                 | 20.19                 | 0.05                      | 20.24                   | 6,916.35                    | 6916.39                                           | 20 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-33        | 08/25/21                  | 2.00                   | 33.28                 | 20.29                 | 0.15                      | 20.44                   | 6,916.15                    | 6916.27                                           | 20 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-33        | 09/09/21                  | 2.00                   | 33.28                 | 20.31                 | 0.18                      | 20.49                   | 6,916.10                    | 6916.24                                           | 20 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-33        | 10/27/21                  | 2.00                   | 33.28                 | 20.22                 | 0.03                      | 20.25                   | 6,916.34                    | 6916.36                                           | 20 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-33        | 11/02/21                  | 2.00                   | 33.28                 | 20.19                 | 0.02                      | 20.21                   | 6,916.38                    | 6916.40                                           | 20 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-33        | 12/03/21                  | 2.00                   | 33.28                 | 20.13                 | 0.04                      | 20.17                   | 6,916.42                    | 6916.45                                           | 20 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-33        | 01/10/22                  | 2.00                   | 33.28                 | 20.04                 | 0.15                      | 20.19                   | 6,916.40                    | 6916.52                                           | 20 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-33        | 02/28/22                  | 2.00                   | 33.28                 | 19.76                 | 0.02                      | 19.78                   | 6,916.81                    | 6916.83                                           | 20 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-33        | 03/01/22                  | 2.00                   | 33.10                 | 20.09                 | 0.04                      | 20.13                   | 6,916.46                    | 6916.49                                           | 20 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-33        | 04/27/22                  | 2.00                   | 33.10                 | 19.99                 | 0.04                      | 20.03                   | 6,916.56                    | 6916.59                                           | 20 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-33        | 05/04/22                  | 2.00                   | 33.10                 | 20.07                 | 0.02                      | 20.09                   | 6,916.50                    | 6916.52                                           | 20 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-33        | 06/01/22                  | 2.00                   | 33.12                 | 20.24                 | 0.06                      | 20.30                   | 6,916.29                    | 6916.34                                           | 20 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-33        | 07/06/22                  | 2.00                   | 33.14                 | 20.06                 | 0.03                      | 20.09                   | 6,916.50                    | 6916.52                                           | 20 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-33        | 08/08/22                  | 2.00                   | 33.16                 | 20.02                 | 0.04                      | 20.06                   | 6,916.53                    | 6916.56                                           | 20 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-33        | 09/01/22                  | 2.00                   | 33.18                 | 20.18                 | 0.04                      | 20.22                   | 6,916.37                    | 6916.40                                           | 20 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-33        | 10/03/22                  | 2.00                   | 33.20                 | 20.29                 | 0.05                      | 20.34                   | 6,916.25                    | 6916.29                                           | 20 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-33        | 11/03/22                  | 2.00                   | 33.22                 | 20.30                 | 0.07                      | 20.37                   | 6,916.22                    | 6916.28                                           | 20 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-33        | 12/06/22                  | 2.00                   | 33.24                 | 20.32                 | 0.07                      | 20.39                   | 6,916.20                    | 6916.26                                           | 20 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-33        | 1/30/2023                 | 2.00                   | 33.20                 | 20.39                 | 0.07                      | 20.46                   | 6,916.13                    | 6916.19                                           | 20 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-33        | 2/28/2023                 | 2.00                   | 33.22                 | 20.05                 | 0.07                      | 20.12                   | 6,916.47                    | 6916.53                                           | 20 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-33        | 3/6/2023                  | 2.00                   | 33.24                 | 20.14                 | 0.04                      | 20.18                   | 6,916.41                    | 6916.44                                           | 20 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-33        | 4/11/2023                 | 2.00                   | 33.20                 | 19.84                 | 0.05                      | 19.89                   | 6,916.70                    | 6916.74                                           | 20 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-33        | 5/15/2023                 | 2.00                   | 33.22                 | ND                    | NA                        | 19.99                   | 6,916.60                    | NA                                                | 20 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-33        | 6/2/2023                  | 2.00                   | 33.24                 | ND                    | NA                        | 20.01                   | 6,916.58                    | NA                                                | 20 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-33        | 7/24/2023                 | 2.00                   | 33.20                 | ND                    | NA                        | 19.94                   | 6,916.65                    | NA                                                | 20 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-33        | 8/21/2023                 | 2.00                   | 33.22                 | 20.55                 | 0.02                      | 20.57                   | 6,916.02                    | 6916.04                                           | 20 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-33        | 9/6/2023                  | 2.00                   | 33.24                 | 20.50                 | 0.03                      | 20.53                   | 6,916.06                    | 6916.08                                           | 20 - 30                                    | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |



**TABLE 3A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground-water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| MKTF-34        | 06/01/21                  | 2.00                   | 27.79                 | ND                    | NA                        | 17.30                   | 6,925.12                    | NA                                                | 9 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-34        | 07/21/21                  | 2.00                   | 27.79                 | ND                    | NA                        | 17.28                   | 6,925.14                    | NA                                                | 9 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-34        | 08/25/21                  | 2.00                   | 27.79                 | ND                    | NA                        | 16.87                   | 6,925.55                    | NA                                                | 9 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-34        | 09/09/21                  | 2.00                   | 27.79                 | ND                    | NA                        | 16.97                   | 6,925.45                    | NA                                                | 9 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-34        | 10/27/21                  | 2.00                   | 27.79                 | ND                    | NA                        | 16.45                   | 6,925.97                    | NA                                                | 9 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-34        | 11/17/21                  | 2.00                   | 27.79                 | ND                    | NA                        | 16.51                   | 6,925.91                    | NA                                                | 9 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-34        | 12/03/21                  | 2.00                   | 27.79                 | ND                    | NA                        | 16.67                   | 6,925.75                    | NA                                                | 9 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-34        | 01/10/22                  | 2.00                   | 27.79                 | ND                    | NA                        | 16.69                   | 6,925.73                    | NA                                                | 9 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-34        | 02/28/22                  | 2.00                   | 27.79                 | ND                    | NA                        | 16.68                   | 6,925.74                    | NA                                                | 9 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-34        | 03/01/22                  | 2.00                   | 27.72                 | ND                    | NA                        | 15.76                   | 6,926.66                    | NA                                                | 9 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-34        | 04/27/22                  | 2.00                   | 27.72                 | ND                    | NA                        | 15.98                   | 6,926.44                    | NA                                                | 9 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-34        | 05/05/22                  | 2.00                   | 27.72                 | ND                    | NA                        | 16.00                   | 6,926.42                    | NA                                                | 9 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-34        | 06/01/22                  | 2.00                   | 27.72                 | 15.77                 | 0.02                      | 15.79                   | 6,926.63                    | 6,926.65                                          | 9 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-34        | 07/06/22                  | 2.00                   | 27.72                 | 14.70                 | 0.69                      | 15.39                   | 6,927.03                    | 6,927.58                                          | 9 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-34        | 08/08/22                  | 2.00                   | 27.72                 | 14.91                 | 0.82                      | 15.73                   | 6,926.69                    | 6,927.35                                          | 9 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-34        | 09/01/22                  | 2.00                   | 27.72                 | 15.73                 | 0.03                      | 15.76                   | 6,926.66                    | 6,926.68                                          | 9 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-34        | 10/03/22                  | 2.00                   | 27.72                 | 15.72                 | 0.04                      | 15.76                   | 6,926.66                    | 6,926.69                                          | 9 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-34        | 11/03/22                  | 2.00                   | 27.72                 | 15.71                 | 0.06                      | 15.77                   | 6,926.65                    | 6,926.70                                          | 9 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-34        | 12/06/22                  | 2.00                   | 27.72                 | 15.82                 | 0.07                      | 15.89                   | 6,926.53                    | NA                                                | 9 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-34        | 1/30/2023                 | 2.00                   | 27.72                 | 15.77                 | 0.08                      | 15.85                   | 6,926.57                    | 6,926.63                                          | 9 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-34        | 2/28/2023                 | 2.00                   | 27.72                 | 8.40                  | 0.01                      | 8.41                    | 6,934.01                    | 6,934.02                                          | 9 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-34        | 3/6/2023                  | 2.00                   | 27.72                 | 8.43                  | 0.01                      | 8.44                    | 6,933.98                    | NA                                                | 9 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-34        | 4/12/2023                 | 2.00                   | 27.72                 | 13.81                 | 0.01                      | 13.82                   | 6,928.60                    | 6,928.61                                          | 9 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-34        | 5/15/2023                 | 2.00                   | 27.72                 | ND                    | NA                        | 15.74                   | 6,926.68                    | NA                                                | 9 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-34        | 6/2/2023                  | 2.00                   | 27.72                 | ND                    | NA                        | 16.47                   | 6,925.95                    | NA                                                | 9 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-34        | 7/24/2023                 | 2.00                   | 27.72                 | ND                    | NA                        | 16.37                   | 6,926.05                    | NA                                                | 9 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-34        | 8/21/2023                 | 2.00                   | 27.72                 | ND                    | NA                        | 17.54                   | 6,924.88                    | NA                                                | 9 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-34        | 9/6/2023                  | 2.00                   | 27.72                 | ND                    | NA                        | 17.51                   | 6,924.91                    | NA                                                | 9 - 24                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground-water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| MKTF-35        | 06/01/21                  | 2.00                   | 16.55                 | ND                    | NA                        | 9.72                    | 6,942.18                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-35        | 07/21/21                  | 2.00                   | 16.55                 | ND                    | NA                        | 9.72                    | 6,942.18                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-35        | 08/25/21                  | 2.00                   | 16.55                 | ND                    | NA                        | 9.91                    | 6,941.99                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-35        | 09/09/21                  | 2.00                   | 16.55                 | ND                    | NA                        | 10.06                   | 6,941.84                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-35        | 10/27/21                  | 2.00                   | 16.55                 | ND                    | NA                        | 10.12                   | 6,941.78                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-35        | 11/17/21                  | 2.00                   | 16.55                 | ND                    | NA                        | 10.24                   | 6,941.66                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-35        | 12/02/21                  | 2.00                   | 16.48                 | ND                    | NA                        | 10.40                   | 6,941.50                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-35        | 01/10/22                  | 2.00                   | 16.48                 | ND                    | NA                        | 10.23                   | 6,941.67                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-35        | 02/28/22                  | 2.00                   | 16.48                 | ND                    | NA                        | 10.25                   | 6,941.65                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-35        | 03/01/22                  | 2.00                   | 16.48                 | ND                    | NA                        | 10.35                   | 6,941.55                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-35        | 04/27/22                  | 2.00                   | 16.48                 | ND                    | NA                        | 10.65                   | 6,941.25                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-35        | 05/05/22                  | 2.00                   | 16.48                 | ND                    | NA                        | 10.64                   | 6,941.26                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-35        | 06/01/22                  | 2.00                   | 16.49                 | ND                    | NA                        | 10.70                   | 6,941.20                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-35        | 07/06/22                  | 2.00                   | 16.50                 | ND                    | NA                        | 12.35                   | 6,939.55                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-35        | 08/08/22                  | 2.00                   | 16.51                 | ND                    | NA                        | 11.48                   | 6,940.42                    |                                                   | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-35        | 09/01/22                  | 2.00                   | 16.52                 | 10.16                 | 0.05                      | 10.21                   | 6,941.69                    | 6941.73                                           | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-35        | 10/03/22                  | 2.00                   | 16.53                 | 10.27                 | 0.05                      | 10.32                   | 6,941.58                    | 6941.62                                           | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-35        | 11/03/22                  | 2.00                   | 16.54                 | 10.25                 | 0.03                      | 10.28                   | 6,941.62                    | 6941.64                                           | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-35        | 12/06/22                  | 2.00                   | 16.55                 | 10.26                 | 0.04                      | 10.30                   | 6,941.60                    | 6941.63                                           | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-35        | 1/30/2023                 | 2.00                   | 16.53                 | 10.36                 | 0.04                      | 10.40                   | 6,941.50                    | 6941.53                                           | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-35        | 2/28/2023                 | 2.00                   | 16.54                 | 10.68                 | 0.04                      | 10.72                   | 6,941.18                    | 6941.21                                           | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-35        | 3/7/2023                  | 2.00                   | 16.55                 | 10.32                 | 0.07                      | 10.39                   | 6,941.51                    | 6941.57                                           | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-35        | 4/12/2023                 | 2.00                   | 16.53                 | 9.98                  | 0.01                      | 9.99                    | 6,941.91                    | 6941.92                                           | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-35        | 5/16/2023                 | 2.00                   | 16.54                 | 10.05                 | 0.02                      | 10.07                   | 6,941.83                    | 6941.85                                           | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-35        | 6/2/2023                  | 2.00                   | 16.55                 | ND                    | NA                        | 9.90                    | 6,942.00                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-35        | 7/24/2023                 | 2.00                   | 16.55                 | ND                    | NA                        | 9.95                    | 6,941.95                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-35        | 8/22/2023                 | 2.00                   | 16.55                 | ND                    | NA                        | 9.96                    | 6,941.94                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-35        | 9/6/2023                  | 2.00                   | 16.55                 | ND                    | NA                        | 9.91                    | 6,941.99                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground-water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| MKTF-36        | 06/01/21                  | 2.00                   | 15.58                 | ND                    | NA                        | 8.50                    | 6,945.40                    | NA                                                | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-36        | 07/21/21                  | 2.00                   | 15.58                 | 8.59                  | 0.05                      | 8.64                    | 6,945.26                    | 6945.30                                           | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-36        | 08/25/21                  | 2.00                   | 15.58                 | 8.84                  | 0.15                      | 8.99                    | 6,944.91                    | 6945.03                                           | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-36        | 09/08/21                  | 2.00                   | 15.58                 | 8.83                  | 0.12                      | 8.95                    | 6,944.95                    | 6945.05                                           | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-36        | 10/27/21                  | 2.00                   | 15.58                 | 9.09                  | 0.15                      | 9.24                    | 6,944.66                    | 6944.78                                           | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-36        | 11/17/21                  | 2.00                   | 15.58                 | 9.15                  | 0.10                      | 9.25                    | 6,944.65                    | 6944.73                                           | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-36        | 12/09/21                  | 2.00                   | 15.58                 | 8.80                  | 0.19                      | 8.99                    | 6,944.91                    | 6945.06                                           | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-36        | 01/10/22                  | 2.00                   | 15.58                 | 8.76                  | 0.20                      | 8.96                    | 6,944.94                    | 6945.10                                           | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-36        | 02/28/22                  | 2.00                   | 15.58                 | 8.69                  | 0.30                      | 8.99                    | 6,944.91                    | 6945.15                                           | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-36        | 03/02/22                  | 2.00                   | 15.58                 | 8.76                  | 0.18                      | 8.94                    | 6,944.96                    | 6945.10                                           | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-36        | 04/27/22                  | 2.00                   | 15.58                 | 9.46                  | 0.08                      | 9.54                    | 6,944.36                    | 6944.42                                           | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-36        | 05/04/22                  | 2.00                   | 15.58                 | 9.39                  | 0.10                      | 9.49                    | 6,944.41                    | 6944.49                                           | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-36        | 06/01/22                  | 2.00                   | 15.60                 | 8.74                  | 0.17                      | 8.91                    | 6,944.99                    | 6945.13                                           | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-36        | 07/06/22                  | 2.00                   | 15.62                 | 8.91                  | 0.07                      | 8.98                    | 6,944.92                    | 6944.98                                           | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-36        | 08/08/22                  | 2.00                   | 15.64                 | 8.86                  | 0.07                      | 8.93                    | 6,944.97                    | 6945.03                                           | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-36        | 09/01/22                  | 2.00                   | 15.66                 | 8.66                  | 0.07                      | 8.73                    | 6,945.17                    | 6945.23                                           | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-36        | 10/03/22                  | 2.00                   | 15.68                 | 8.70                  | 0.07                      | 8.77                    | 6,945.13                    | 6945.19                                           | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-36        | 11/03/22                  | 2.00                   | 15.70                 | 8.72                  | 0.07                      | 8.79                    | 6,945.11                    | 6945.17                                           | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-36        | 12/06/22                  | 2.00                   | 15.72                 | 8.79                  | 0.08                      | 8.87                    | 6,945.03                    | 6945.09                                           | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-36        | 01/30/23                  | 2.00                   | 15.68                 | 8.82                  | 0.06                      | 8.88                    | 6,945.02                    | 6945.07                                           | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-36        | 02/28/23                  | 2.00                   | 15.70                 | 9.42                  | 0.06                      | 9.48                    | 6,944.42                    | 6944.47                                           | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-36        | 03/07/23                  | 2.00                   | 15.72                 | 9.60                  | 0.14                      | 9.74                    | 6,944.16                    | 6944.27                                           | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-36        | 04/12/23                  | 2.00                   | 15.68                 | ND                    | NA                        | 9.30                    | 6,944.60                    | NA                                                | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-36        | 05/16/23                  | 2.00                   | 15.70                 | ND                    | NA                        | 9.37                    | 6,944.53                    | NA                                                | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-36        | 6/2/2023                  | 2.00                   | 15.72                 | 9.09                  | 0.01                      | 9.10                    | 6,944.80                    | 6944.81                                           | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-36        | 7/24/2023                 | 2.00                   | 15.68                 | 9.27                  | 0.02                      | 9.29                    | 6,944.61                    | NA                                                | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-36        | 8/22/2023                 | 2.00                   | 15.70                 | 9.21                  | 0.14                      | 9.35                    | 6,944.55                    | NA                                                | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-36        | 9/6/2023                  | 2.00                   | 15.72                 | 9.24                  | 0.15                      | 9.39                    | 6,944.51                    | 6944.63                                           | 5 - 15                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |



**TABLE 3A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground-water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| MKTF-37        | 06/01/21                  | 2.00                   | 24.67                 | 10.06                 | 0.04                      | 10.10                   | 6,948.97                    | 6949.00                                           | 4 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-37        | 07/21/21                  | 2.00                   | 24.67                 | 10.05                 | 0.41                      | 10.46                   | 6,948.61                    | 6948.94                                           | 4 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-37        | 08/25/21                  | 2.00                   | 24.67                 | 10.60                 | 0.05                      | 10.65                   | 6,948.42                    | 6948.46                                           | 4 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-37        | 09/08/21                  | 2.00                   | 24.67                 | 10.14                 | 0.17                      | 10.31                   | 6,948.76                    | 6948.90                                           | 4 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-37        | 10/27/21                  | 2.00                   | 24.67                 | 10.78                 | 0.02                      | 10.80                   | 6,948.27                    | 6948.29                                           | 4 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-37        | 11/17/21                  | 2.00                   | 24.67                 | 10.62                 | 0.04                      | 10.66                   | 6,948.41                    | 6948.44                                           | 4 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-37        | 12/09/21                  | 2.00                   | 24.67                 | 10.50                 | 0.07                      | 10.57                   | 6,948.50                    | 6948.56                                           | 4 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-37        | 01/10/22                  | 2.00                   | 24.67                 | 11.30                 | 0.15                      | 11.45                   | 6,947.62                    | 6947.74                                           | 4 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-37        | 02/28/22                  | 2.00                   | 24.67                 | 11.20                 | 0.24                      | 11.44                   | 6,947.63                    | 6947.82                                           | 4 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-37        | 03/01/22                  | 2.00                   | 24.69                 | 10.52                 | 0.07                      | 10.59                   | 6,948.48                    | 6948.54                                           | 4 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-37        | 04/27/22                  | 2.00                   | 24.69                 | 11.52                 | 0.23                      | 11.75                   | 6,947.32                    | 6947.50                                           | 4 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-37        | 05/05/22                  | 2.00                   | 24.69                 | 11.31                 | 0.10                      | 11.41                   | 6,947.66                    | 6947.74                                           | 4 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-37        | 06/01/22                  | 2.00                   | 24.70                 | 10.59                 | 0.05                      | 10.64                   | 6,948.43                    | 6948.47                                           | 4 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-37        | 07/06/22                  | 2.00                   | 24.71                 | 11.16                 | 0.01                      | 11.17                   | 6,947.90                    | 6947.91                                           | 4 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-37        | 08/08/22                  | 2.00                   | 24.72                 | 11.23                 | 0.04                      | 11.27                   | 6,947.80                    | 6947.83                                           | 4 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-37        | 09/01/22                  | 2.00                   | 24.73                 | 10.55                 | 0.06                      | 10.61                   | 6,948.46                    | 6948.51                                           | 4 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-37        | 10/03/22                  | 2.00                   | 24.74                 | 10.50                 | 0.07                      | 10.57                   | 6,948.50                    | 6948.56                                           | 4 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-37        | 11/03/22                  | 2.00                   | 24.75                 | 10.52                 | 0.05                      | 10.57                   | 6,948.50                    | 6948.54                                           | 4 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-37        | 12/06/22                  | 2.00                   | 24.76                 | 10.80                 | 0.04                      | 10.84                   | 6,948.23                    | 6948.26                                           | 4 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-37        | 01/30/23                  | 2.00                   | 24.74                 | 10.83                 | 0.05                      | 10.88                   | 6,948.19                    | 6948.23                                           | 4 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-37        | 02/28/23                  | 2.00                   | 24.75                 | 10.98                 | 0.07                      | 11.05                   | 6,948.02                    | 6948.08                                           | 4 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-37        | 03/07/23                  | 2.00                   | 24.76                 | 11.29                 | 0.02                      | 11.31                   | 6,947.76                    | 6947.78                                           | 4 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-37        | 04/12/23                  | 2.00                   | 24.74                 | 10.70                 | 0.01                      | 10.71                   | 6,948.36                    | 6948.37                                           | 4 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-37        | 05/16/23                  | 2.00                   | 24.75                 | 10.81                 | 0.01                      | 10.82                   | 6,948.25                    | 6948.26                                           | 4 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-37        | 6/2/2023                  | 2.00                   | 24.76                 | 10.69                 | 0.01                      | 10.70                   | 6,948.37                    | 6948.38                                           | 4 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-37        | 7/24/2023                 | 2.00                   | 24.74                 | 10.65                 | 0.02                      | 10.67                   | 6,948.40                    | 6948.42                                           | 4 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-37        | 8/18/2023                 | 2.00                   | 24.75                 | ND                    | NA                        | 10.46                   | 6,948.61                    | NA                                                | 4 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-37        | 9/6/2023                  | 2.00                   | 24.76                 | ND                    | NA                        | 10.44                   | 6,948.63                    | NA                                                | 4 - 24                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground-water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| MKTF-38        | 06/01/21                  | 2.00                   | 20.34                 | ND                    | NA                        | 9.23                    | 6,945.94                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-38        | 07/21/21                  | 2.00                   | 20.34                 | ND                    | NA                        | 10.17                   | 6,945.00                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-38        | 08/25/21                  | 2.00                   | 20.34                 | ND                    | NA                        | 10.43                   | 6,944.74                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-38        | 09/08/21                  | 2.00                   | 20.34                 | ND                    | NA                        | 10.58                   | 6,944.59                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-38        | 10/27/21                  | 2.00                   | 20.34                 | ND                    | NA                        | 10.60                   | 6,944.57                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-38        | 11/17/21                  | 2.00                   | 20.34                 | ND                    | NA                        | 10.83                   | 6,944.34                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-38        | 12/03/21                  | 2.00                   | 20.34                 | ND                    | NA                        | 10.98                   | 6,944.19                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-38        | 01/10/22                  | 2.00                   | 20.34                 | ND                    | NA                        | 10.96                   | 6,944.21                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-38        | 02/28/22                  | 2.00                   | 20.34                 | ND                    | NA                        | 10.98                   | 6,944.19                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-38        | 03/01/22                  | 2.00                   | 20.28                 | ND                    | NA                        | 10.94                   | 6,944.23                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-38        | 04/27/22                  | 2.00                   | 20.28                 | ND                    | NA                        | 11.40                   | 6,943.77                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-38        | 05/05/22                  | 2.00                   | 20.28                 | ND                    | NA                        | 11.27                   | 6,943.90                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-38        | 06/01/22                  | 2.00                   | 20.30                 | ND                    | NA                        | 10.98                   | 6,944.19                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-38        | 07/06/22                  | 2.00                   | 20.32                 | ND                    | NA                        | 10.05                   | 6,945.12                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-38        | 08/08/22                  | 2.00                   | 20.34                 | ND                    | NA                        | 10.50                   | 6,944.67                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-38        | 09/01/22                  | 2.00                   | 20.36                 | ND                    | NA                        | 11.13                   | 6,944.04                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-38        | 10/03/22                  | 2.00                   | 20.38                 | ND                    | NA                        | 11.21                   | 6,943.96                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-38        | 11/03/22                  | 2.00                   | 20.40                 | ND                    | NA                        | 11.23                   | 6,943.94                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-38        | 12/05/22                  | 2.00                   | 20.42                 | ND                    | NA                        | 10.60                   | 6,944.57                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-38        | 01/30/23                  | 2.00                   | 20.38                 | ND                    | NA                        | 10.63                   | 6,944.54                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-38        | 02/27/23                  | 2.00                   | 20.40                 | ND                    | NA                        | 10.91                   | 6,944.26                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-38        | 03/07/23                  | 2.00                   | 20.42                 | ND                    | NA                        | 10.93                   | 6,944.24                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-38        | 04/12/23                  | 2.00                   | 20.38                 | ND                    | NA                        | 10.39                   | 6,944.78                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-38        | 05/16/23                  | 2.00                   | 20.40                 | ND                    | NA                        | 10.43                   | 6,944.74                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-38        | 6/2/2023                  | 2.00                   | 20.42                 | ND                    | NA                        | 10.38                   | 6,944.79                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-38        | 7/24/2023                 | 2.00                   | 20.38                 | ND                    | NA                        | 10.34                   | 6,944.83                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-38        | 8/18/2023                 | 2.00                   | 20.40                 | ND                    | NA                        | 10.24                   | 6,944.93                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-38        | 9/6/2023                  | 2.00                   | 20.42                 | ND                    | NA                        | 10.27                   | 6,944.90                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground-water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| MKTF-39        | 06/01/21                  | 2.00                   | 15.21                 | 9.49                  | 0.79                      | 10.28                   | 6,943.69                    | 6,944.32                                          | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-39        | 07/21/21                  | 2.00                   | 15.21                 | 9.05                  | 0.70                      | 9.75                    | 6,944.22                    | 6,944.78                                          | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-39        | 08/25/21                  | 2.00                   | 15.21                 | 9.22                  | 0.40                      | 9.62                    | 6,944.35                    | 6,944.67                                          | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-39        | 09/09/21                  | 2.00                   | 15.21                 | 9.40                  | 0.45                      | 9.85                    | 6,944.12                    | 6,944.48                                          | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-39        | 10/27/21                  | 2.00                   | 15.21                 | 9.97                  | 0.30                      | 10.27                   | 6,943.70                    | 6,943.94                                          | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-39        | 11/02/21                  | 2.00                   | 15.21                 | 9.98                  | 0.35                      | 10.33                   | 6,943.64                    | 6,943.92                                          | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-39        | 12/03/21                  | 2.00                   | 15.21                 | 9.88                  | 0.39                      | 10.27                   | 6,943.70                    | 6,944.01                                          | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-39        | 01/10/22                  | 2.00                   | 15.21                 | 10.78                 | 0.54                      | 11.32                   | 6,942.65                    | 6,943.08                                          | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-39        | 02/28/22                  | 2.00                   | 15.21                 | 10.80                 | 0.54                      | 11.34                   | 6,942.63                    | 6,943.06                                          | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-39        | 03/01/22                  | 2.00                   | 15.20                 | 9.90                  | 0.40                      | 10.30                   | 6,943.67                    | 6,943.99                                          | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-39        | 04/27/22                  | 2.00                   | 15.20                 | 10.44                 | 1.08                      | 11.52                   | 6,942.45                    | 6,943.31                                          | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-39        | 05/04/22                  | 2.00                   | 15.20                 | 11.35                 | 0.85                      | 12.20                   | 6,941.77                    | 6,942.45                                          | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-39        | 06/01/22                  | 2.00                   | 15.20                 | 11.47                 | 0.50                      | 11.97                   | 6,942.00                    | 6,942.40                                          | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-39        | 07/06/22                  | 2.00                   | 15.20                 | 11.18                 | 0.22                      | 11.40                   | 6,942.57                    | 6,942.75                                          | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-39        | 08/08/22                  | 2.00                   | 15.20                 | 10.98                 | 0.18                      | 11.16                   | 6,942.81                    | 6,942.95                                          | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-39        | 09/01/22                  | 2.00                   | 15.20                 | 10.74                 | 0.21                      | 10.95                   | 6,943.02                    | 6,943.19                                          | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-39        | 10/03/22                  | 2.00                   | 15.20                 | 10.67                 | 0.15                      | 10.82                   | 6,943.15                    | 6,943.27                                          | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-39        | 11/03/22                  | 2.00                   | 15.20                 | 10.65                 | 0.14                      | 10.79                   | 6,943.18                    | 6,943.29                                          | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-39        | 12/06/22                  | 2.00                   | 15.20                 | 10.74                 | 0.15                      | 10.89                   | 6,943.08                    | 6,943.20                                          | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-39        | 01/30/23                  | 2.00                   | 15.20                 | 10.77                 | 0.15                      | 10.92                   | 6,943.05                    | 6,943.17                                          | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-39        | 02/27/23                  | 2.00                   | 15.20                 | 10.97                 | 0.15                      | 11.12                   | 6,942.85                    | 6,942.97                                          | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-39        | 03/07/23                  | 2.00                   | 15.20                 | 10.80                 | 0.72                      | 11.52                   | 6,942.45                    | 6,943.03                                          | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-39        | 04/12/23                  | 2.00                   | 15.20                 | 10.44                 | 0.51                      | 10.95                   | 6,943.02                    | 6,943.43                                          | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-39        | 05/15/23                  | 2.00                   | 15.20                 | 10.60                 | 0.42                      | 11.02                   | 6,942.95                    | 6,943.29                                          | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-39        | 6/2/2023                  | 2.00                   | 15.20                 | 10.20                 | 0.42                      | 10.62                   | 6,943.35                    | 6,943.69                                          | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-39        | 7/24/2023                 | 2.00                   | 15.20                 | 10.45                 | 0.58                      | 11.03                   | 6,942.94                    | 6,943.40                                          | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-39        | 8/18/2023                 | 2.00                   | 15.20                 | 10.64                 | 0.54                      | 11.18                   | 6,942.79                    | 6,943.22                                          | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-39        | 9/6/2023                  | 2.00                   | 15.20                 | 10.67                 | 0.58                      | 11.25                   | 6,942.72                    | 6,943.18                                          | 5 - 15                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground-water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| MKTF-40        | 06/01/21                  | 2.00                   | 23.66                 | ND                    | NA                        | 11.72                   | 6,879.63                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-40        | 07/21/21                  | 2.00                   | 23.66                 | ND                    | NA                        | 10.90                   | 6,880.45                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-40        | 08/25/21                  | 2.00                   | 23.66                 | ND                    | NA                        | 11.14                   | 6,880.21                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-40        | 09/08/21                  | 2.00                   | 23.65                 | ND                    | NA                        | 11.10                   | 6,880.25                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-40        | 10/27/21                  | 2.00                   | 23.65                 | ND                    | NA                        | 11.24                   | 6,880.11                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-40        | 11/17/22                  | 2.00                   | 23.65                 | ND                    | NA                        | 11.25                   | 6,880.10                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-40        | 12/16/21                  | 2.00                   | 23.65                 | ND                    | NA                        | 11.37                   | 6,879.98                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-40        | 01/10/22                  | 2.00                   | 23.65                 | ND                    | NA                        | 11.46                   | 6,879.89                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-40        | 02/28/22                  | 2.00                   | 23.65                 | ND                    | NA                        | 11.42                   | 6,879.93                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-40        | 03/01/22                  | 2.00                   | 23.66                 | ND                    | NA                        | 11.32                   | 6,880.03                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-40        | 04/27/22                  | 2.00                   | 23.66                 | ND                    | NA                        | 12.12                   | 6,879.23                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-40        | 05/05/22                  | 2.00                   | 23.66                 | ND                    | NA                        | 12.35                   | 6,879.00                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-40        | 06/01/22                  | 2.00                   | 23.65                 | ND                    | NA                        | 12.56                   | 6,878.79                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-40        | 07/06/22                  | 2.00                   | 23.64                 | ND                    | NA                        | 13.04                   | 6,878.31                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-40        | 08/08/22                  | 2.00                   | 23.63                 | ND                    | NA                        | 12.82                   | 6,878.53                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-40        | 09/01/22                  | 2.00                   | 23.62                 | ND                    | NA                        | 11.11                   | 6,880.24                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-40        | 10/03/22                  | 2.00                   | 23.61                 | ND                    | NA                        | 11.17                   | 6,880.18                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-40        | 11/03/22                  | 2.00                   | 23.60                 | ND                    | NA                        | 11.20                   | 6,880.15                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-40        | 12/08/22                  | 2.00                   | 23.59                 | ND                    | NA                        | 11.23                   | 6,880.12                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-40        | 01/30/23                  | 2.00                   | 23.61                 | ND                    | NA                        | 11.30                   | 6,880.05                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-40        | 02/27/23                  | 2.00                   | 23.60                 | ND                    | NA                        | 11.41                   | 6,879.94                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-40        | 03/07/23                  | 2.00                   | 23.59                 | ND                    | NA                        | 11.24                   | 6,880.11                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-40        | 04/12/23                  | 2.00                   | 23.61                 | ND                    | NA                        | 11.12                   | 6,880.23                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-40        | 05/16/23                  | 2.00                   | 23.60                 | ND                    | NA                        | 11.14                   | 6,880.21                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-40        | 6/2/2023                  | 2.00                   | 23.59                 | ND                    | NA                        | 10.91                   | 6,880.44                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-40        | 7/24/2023                 | 2.00                   | 23.61                 | ND                    | NA                        | 11.03                   | 6,880.32                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-40        | 8/23/2023                 | 2.00                   | 23.60                 | ND                    | NA                        | 17.72                   | 6,873.63                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-40        | 9/6/2023                  | 2.00                   | 23.59                 | ND                    | NA                        | 17.67                   | 6,873.68                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |



**TABLE 3A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground-water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| MKTF-41        | 06/01/21                  | 2.00                   | 39.85                 | ND                    | NA                        | 18.61                   | 6,872.50                    | NA                                                | 22 - 37                                    | Chinle/Alluvium Interface                 |
| MKTF-41        | 07/21/21                  | 2.00                   | 39.85                 | ND                    | NA                        | 19.28                   | 6,871.83                    | NA                                                | 22 - 37                                    | Chinle/Alluvium Interface                 |
| MKTF-41        | 08/25/21                  | 2.00                   | 39.85                 | ND                    | NA                        | 19.22                   | 6,871.89                    | NA                                                | 22 - 37                                    | Chinle/Alluvium Interface                 |
| MKTF-41        | 09/09/21                  | 2.00                   | 39.85                 | ND                    | NA                        | 19.27                   | 6,871.84                    | NA                                                | 22 - 37                                    | Chinle/Alluvium Interface                 |
| MKTF-41        | 10/27/21                  | 2.00                   | 39.85                 | ND                    | NA                        | 19.10                   | 6,872.01                    | NA                                                | 22 - 37                                    | Chinle/Alluvium Interface                 |
| MKTF-41        | 11/17/21                  | 2.00                   | 39.85                 | ND                    | NA                        | 18.95                   | 6,872.16                    | NA                                                | 22 - 37                                    | Chinle/Alluvium Interface                 |
| MKTF-41        | 12/03/21                  | 2.00                   | 39.80                 | ND                    | NA                        | 18.82                   | 6,872.29                    | NA                                                | 22 - 37                                    | Chinle/Alluvium Interface                 |
| MKTF-41        | 01/10/22                  | 2.00                   | 39.80                 | ND                    | NA                        | 19.27                   | 6,871.84                    | NA                                                | 22 - 37                                    | Chinle/Alluvium Interface                 |
| MKTF-41        | 02/28/22                  | 2.00                   | 39.80                 | ND                    | NA                        | 19.52                   | 6,871.59                    | NA                                                | 22 - 37                                    | Chinle/Alluvium Interface                 |
| MKTF-41        | 03/01/22                  | 2.00                   | 39.76                 | ND                    | NA                        | 18.90                   | 6,872.21                    | NA                                                | 22 - 37                                    | Chinle/Alluvium Interface                 |
| MKTF-41        | 04/27/22                  | 2.00                   | 39.76                 | ND                    | NA                        | 18.78                   | 6,872.33                    | NA                                                | 22 - 37                                    | Chinle/Alluvium Interface                 |
| MKTF-41        | 05/05/22                  | 2.00                   | 39.76                 | ND                    | NA                        | 18.79                   | 6,872.32                    | NA                                                | 22 - 37                                    | Chinle/Alluvium Interface                 |
| MKTF-41        | 06/01/22                  | 2.00                   | 39.77                 | ND                    | NA                        | 18.85                   | 6,872.26                    | NA                                                | 22 - 37                                    | Chinle/Alluvium Interface                 |
| MKTF-41        | 07/06/22                  | 2.00                   | 39.78                 | ND                    | NA                        | 18.42                   | 6,872.69                    | NA                                                | 22 - 37                                    | Chinle/Alluvium Interface                 |
| MKTF-41        | 08/08/22                  | 2.00                   | 39.79                 | ND                    | NA                        | 19.59                   | 6,871.52                    | NA                                                | 22 - 37                                    | Chinle/Alluvium Interface                 |
| MKTF-41        | 09/01/22                  | 2.00                   | 39.80                 | ND                    | NA                        | 18.57                   | 6,872.54                    | NA                                                | 22 - 37                                    | Chinle/Alluvium Interface                 |
| MKTF-41        | 10/03/22                  | 2.00                   | 39.81                 | ND                    | NA                        | 18.58                   | 6,872.53                    | NA                                                | 22 - 37                                    | Chinle/Alluvium Interface                 |
| MKTF-41        | 11/03/22                  | 2.00                   | 39.82                 | ND                    | NA                        | 18.57                   | 6,872.54                    | NA                                                | 22 - 37                                    | Chinle/Alluvium Interface                 |
| MKTF-41        | 12/29/22                  | 2.00                   | 39.83                 | ND                    | NA                        | 18.65                   | 6,872.46                    | NA                                                | 22 - 37                                    | Chinle/Alluvium Interface                 |
| MKTF-41        | 1/30/2023                 | 2.00                   | 39.81                 | ND                    | NA                        | 18.70                   | 6,872.41                    | NA                                                | 22 - 37                                    | Chinle/Alluvium Interface                 |
| MKTF-41        | 2/27/2023                 | 2.00                   | 39.82                 | ND                    | NA                        | 18.27                   | 6,872.84                    | NA                                                | 22 - 37                                    | Chinle/Alluvium Interface                 |
| MKTF-41        | 3/6/2023                  | 2.00                   | 39.83                 | ND                    | NA                        | 18.36                   | 6,872.75                    | NA                                                | 22 - 37                                    | Chinle/Alluvium Interface                 |
| MKTF-41        | 4/11/2023                 | 2.00                   | 39.81                 | ND                    | NA                        | 18.23                   | 6,872.88                    | NA                                                | 22 - 37                                    | Chinle/Alluvium Interface                 |
| MKTF-41        | 5/16/2023                 | 2.00                   | 39.82                 | ND                    | NA                        | 18.38                   | 6,872.73                    | NA                                                | 22 - 37                                    | Chinle/Alluvium Interface                 |
| MKTF-41        | 6/1/2023                  | 2.00                   | 39.83                 | ND                    | NA                        | 17.92                   | 6,873.19                    | NA                                                | 22 - 37                                    | Chinle/Alluvium Interface                 |
| MKTF-41        | 7/24/2023                 | 2.00                   | 39.81                 | ND                    | NA                        | 17.98                   | 6,873.13                    | NA                                                | 22 - 37                                    | Chinle/Alluvium Interface                 |
| MKTF-41        | 8/21/2023                 | 2.00                   | 39.82                 | ND                    | NA                        | 18.81                   | 6,872.30                    | NA                                                | 22 - 37                                    | Chinle/Alluvium Interface                 |
| MKTF-41        | 9/6/2023                  | 2.00                   | 39.83                 | ND                    | NA                        | 18.77                   | 6,872.34                    | NA                                                | 22 - 37                                    | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground-water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| MKTF-42        | 06/01/21                  | 2.00                   | 33.24                 | ND                    | NA                        | 14.54                   | 6,875.88                    | NA                                                | 10 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-42        | 07/21/21                  | 2.00                   | 33.24                 | ND                    | NA                        | 14.52                   | 6,875.90                    | NA                                                | 10 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-42        | 08/25/21                  | 2.00                   | 33.24                 | ND                    | NA                        | 14.42                   | 6,876.00                    | NA                                                | 10 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-42        | 09/09/21                  | 2.00                   | 33.24                 | ND                    | NA                        | 14.45                   | 6,875.97                    | NA                                                | 10 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-42        | 10/27/21                  | 2.00                   | 33.24                 | ND                    | NA                        | 14.28                   | 6,876.14                    | NA                                                | 10 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-42        | 11/17/21                  | 2.00                   | 33.24                 | ND                    | NA                        | 14.36                   | 6,876.06                    | NA                                                | 10 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-42        | 12/03/22                  | 2.00                   | 33.20                 | ND                    | NA                        | 14.27                   | 6,876.15                    | NA                                                | 10 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-42        | 01/10/22                  | 2.00                   | 33.20                 | ND                    | NA                        | 14.68                   | 6,875.74                    | NA                                                | 10 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-42        | 02/28/22                  | 2.00                   | 33.20                 | ND                    | NA                        | 14.67                   | 6,875.75                    | NA                                                | 10 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-42        | 03/01/22                  | 2.00                   | 33.17                 | ND                    | NA                        | 14.67                   | 6,875.75                    | NA                                                | 10 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-42        | 04/27/22                  | 2.00                   | 33.17                 | ND                    | NA                        | 14.60                   | 6,875.82                    | NA                                                | 10 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-42        | 05/05/22                  | 2.00                   | 33.17                 | ND                    | NA                        | 14.59                   | 6,875.83                    | NA                                                | 10 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-42        | 06/01/22                  | 2.00                   | 33.17                 | 14.72                 | 0.02                      | 14.74                   | 6,875.68                    | 6875.70                                           | 10 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-42        | 07/06/22                  | 2.00                   | 33.17                 | 15.50                 | 0.02                      | 15.52                   | 6,874.90                    | 6874.92                                           | 10 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-42        | 08/08/22                  | 2.00                   | 33.17                 | 15.15                 | 0.02                      | 15.17                   | 6,875.25                    | 6875.27                                           | 10 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-42        | 09/01/22                  | 2.00                   | 33.17                 | 14.24                 | 0.03                      | 14.27                   | 6,876.15                    | 6876.17                                           | 10 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-42        | 10/03/22                  | 2.00                   | 33.17                 | 14.17                 | 0.08                      | 14.25                   | 6,876.17                    | 6876.23                                           | 10 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-42        | 11/03/22                  | 2.00                   | 33.17                 | 14.07                 | 0.11                      | 14.18                   | 6,876.24                    | 6876.33                                           | 10 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-42        | 12/06/22                  | 2.00                   | 33.17                 | 14.36                 | 0.31                      | 14.67                   | 6,875.75                    | 6876.00                                           | 10 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-42        | 1/30/2023                 | 2.00                   | 33.17                 | 14.39                 | 0.38                      | 14.77                   | 6,875.65                    | 6875.95                                           | 10 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-42        | 2/27/2023                 | 2.00                   | 33.17                 | ND                    | NA                        | 13.47                   | 6,876.95                    | NA                                                | 10 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-42        | 3/6/2023                  | 2.00                   | 33.17                 | ND                    | NA                        | 13.50                   | 6,876.92                    | NA                                                | 10 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-42        | 4/11/2023                 | 2.00                   | 33.17                 | ND                    | NA                        | 13.47                   | 6,876.95                    | NA                                                | 10 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-42        | 5/15/2023                 | 2.00                   | 33.17                 | ND                    | NA                        | 13.57                   | 6,876.85                    | NA                                                | 10 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-42        | 6/1/2023                  | 2.00                   | 33.17                 | ND                    | NA                        | 13.42                   | 6,877.00                    | NA                                                | 10 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-42        | 7/25/2023                 | 2.00                   | 33.17                 | ND                    | NA                        | 13.27                   | 6,877.15                    | NA                                                | 10 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-42        | 8/21/2023                 | 2.00                   | 33.17                 | ND                    | NA                        | 13.80                   | 6,876.62                    | NA                                                | 10 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-42        | 9/6/2023                  | 2.00                   | 33.17                 | ND                    | NA                        | 13.76                   | 6,876.66                    | NA                                                | 10 - 30                                    | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground-water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| MKTF-43        | 06/01/21                  | 2.00                   | 16.95                 | ND                    | NA                        | 5.83                    | 6,868.29                    | NA                                                | 2 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-43        | 07/21/21                  | 2.00                   | 16.95                 | ND                    | NA                        | 5.20                    | 6,868.92                    | NA                                                | 2 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-43        | 08/25/21                  | 2.00                   | 16.95                 | ND                    | NA                        | 4.85                    | 6,869.27                    | NA                                                | 2 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-43        | 09/09/21                  | 2.00                   | 16.95                 | ND                    | NA                        | 5.17                    | 6,868.95                    | NA                                                | 2 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-43        | 10/27/21                  | 2.00                   | 16.95                 | ND                    | NA                        | 5.52                    | 6,868.60                    | NA                                                | 2 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-43        | 11/24/21                  | 2.00                   | 16.95                 | ND                    | NA                        | 5.77                    | 6,868.35                    | NA                                                | 2 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-43        | 12/03/21                  | 2.00                   | 16.95                 | ND                    | NA                        | 6.17                    | 6,867.95                    | NA                                                | 2 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-43        | 01/10/22                  | 2.00                   | 16.95                 | ND                    | NA                        | 6.10                    | 6,868.02                    | NA                                                | 2 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-43        | 02/28/22                  | 2.00                   | 16.95                 | ND                    | NA                        | 6.09                    | 6,868.03                    | NA                                                | 2 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-43        | 03/01/22                  | 2.00                   | 16.93                 | ND                    | NA                        | 6.26                    | 6,867.86                    | NA                                                | 2 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-43        | 04/27/22                  | 2.00                   | 16.93                 | ND                    | NA                        | 5.68                    | 6,868.44                    | NA                                                | 2 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-43        | 05/05/22                  | 2.00                   | 16.93                 | ND                    | NA                        | 5.73                    | 6,868.39                    | NA                                                | 2 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-43        | 06/01/22                  | 2.00                   | 16.95                 | ND                    | NA                        | 5.26                    | 6,868.86                    | NA                                                | 2 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-43        | 07/06/22                  | 2.00                   | 16.97                 | ND                    | NA                        | 5.44                    | 6,868.68                    | NA                                                | 2 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-43        | 08/08/22                  | 2.00                   | 16.99                 | ND                    | NA                        | 5.57                    | 6,868.55                    | NA                                                | 2 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-43        | 09/01/22                  | 2.00                   | 17.01                 | ND                    | NA                        | 5.37                    | 6,868.75                    | NA                                                | 2 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-43        | 10/03/22                  | 2.00                   | 17.03                 | ND                    | NA                        | 5.39                    | 6,868.73                    | NA                                                | 2 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-43        | 11/03/22                  | 2.00                   | 17.05                 | ND                    | NA                        | 5.43                    | 6,868.69                    | NA                                                | 2 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-43        | 12/22/22                  | 2.00                   | 17.07                 | ND                    | NA                        | 5.32                    | 6,868.80                    | NA                                                | 2 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-43        | 1/30/2023                 | 2.00                   | 17.03                 | ND                    | NA                        | 5.38                    | 6,868.74                    | NA                                                | 2 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-43        | 2/27/2023                 | 2.00                   | 17.05                 | ND                    | NA                        | 5.62                    | 6,868.50                    | NA                                                | 2 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-43        | 3/6/2023                  | 2.00                   | 17.07                 | ND                    | NA                        | 5.75                    | 6,868.37                    | NA                                                | 2 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-43        | 4/11/2023                 | 2.00                   | 17.03                 | ND                    | NA                        | 5.47                    | 6,868.65                    | NA                                                | 2 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-43        | 5/15/2023                 | 2.00                   | 17.05                 | ND                    | NA                        | 5.52                    | 6,868.60                    | NA                                                | 2 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-43        | 6/1/2023                  | 2.00                   | 17.07                 | ND                    | NA                        | 3.89                    | 6,870.23                    | NA                                                | 2 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-43        | 7/25/2023                 | 2.00                   | 17.07                 | ND                    | NA                        | 3.84                    | 6,870.28                    | NA                                                | 2 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-43        | 8/21/2023                 | 2.00                   | 17.07                 | ND                    | NA                        | 3.54                    | 6,870.58                    | NA                                                | 2 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-43        | 9/6/2023                  | 2.00                   | 17.07                 | ND                    | NA                        | 3.57                    | 6,870.55                    | NA                                                | 2 - 12                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground-water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| MKTF-44        | 06/01/21                  | 2.00                   | 51.50                 | ND                    | NA                        | 35.57                   | 6,831.84                    | NA                                                | 38 - 48                                    | Chinle/Alluvium Interface                 |
| MKTF-44        | 09/09/21                  | 2.00                   | 51.50                 | ND                    | NA                        | 32.71                   | 6,834.70                    | NA                                                | 38 - 48                                    | Chinle/Alluvium Interface                 |
| MKTF-44        | 12/22/21                  | 2.00                   | 51.25                 | ND                    | NA                        | 36.06                   | 6,831.35                    | NA                                                | 38 - 48                                    | Chinle/Alluvium Interface                 |
| MKTF-44        | 03/01/22                  | 2.00                   | 51.25                 | ND                    | NA                        | 38.79                   | 6,828.62                    | NA                                                | 38 - 48                                    | Chinle/Alluvium Interface                 |
| MKTF-44        | 06/01/22                  | 2.00                   | 51.20                 | ND                    | NA                        | 33.24                   | 6,834.17                    | NA                                                | 38 - 48                                    | Chinle/Alluvium Interface                 |
| MKTF-44        | 07/06/22                  | 2.00                   | 51.15                 | ND                    | NA                        | 34.62                   | 6,832.79                    | NA                                                | 38 - 48                                    | Chinle/Alluvium Interface                 |
| MKTF-44        | 08/08/22                  | 2.00                   | 51.10                 | ND                    | NA                        | 33.67                   | 6,833.74                    | NA                                                | 38 - 48                                    | Chinle/Alluvium Interface                 |
| MKTF-44        | 09/01/22                  | 2.00                   | 51.05                 | ND                    | NA                        | 33.86                   | 6,833.55                    | NA                                                | 38 - 48                                    | Chinle/Alluvium Interface                 |
| MKTF-44        | 10/03/22                  | 2.00                   | 51.00                 | ND                    | NA                        | 33.89                   | 6,833.52                    | NA                                                | 38 - 48                                    | Chinle/Alluvium Interface                 |
| MKTF-44        | 11/03/22                  | 2.00                   | 50.95                 | ND                    | NA                        | 33.98                   | 6,833.43                    | NA                                                | 38 - 48                                    | Chinle/Alluvium Interface                 |
| MKTF-44        | 12/22/22                  | 2.00                   | 50.90                 | ND                    | NA                        | 33.98                   | 6,833.43                    | NA                                                | 38 - 48                                    | Chinle/Alluvium Interface                 |
| MKTF-44        | 1/30/2023                 | 2.00                   | 51.00                 | ND                    | NA                        | 33.96                   | 6,833.45                    | NA                                                | 38 - 48                                    | Chinle/Alluvium Interface                 |
| MKTF-44        | 2/27/2023                 | 2.00                   | 50.95                 | ND                    | NA                        | 31.49                   | 6,835.92                    | NA                                                | 38 - 48                                    | Chinle/Alluvium Interface                 |
| MKTF-44        | 3/6/2023                  | 2.00                   | 50.90                 | ND                    | NA                        | 31.60                   | 6,835.81                    | NA                                                | 38 - 48                                    | Chinle/Alluvium Interface                 |
| MKTF-44        | 4/11/2023                 | 2.00                   | 51.00                 | ND                    | NA                        | 36.19                   | 6,831.22                    | NA                                                | 38 - 48                                    | Chinle/Alluvium Interface                 |
| MKTF-44        | 5/15/2023                 | 2.00                   | 50.95                 | ND                    | NA                        | 31.58                   | 6,835.83                    | NA                                                | 38 - 48                                    | Chinle/Alluvium Interface                 |
| MKTF-44        | 6/1/2023                  | 2.00                   | 50.90                 | ND                    | NA                        | 29.58                   | 6,837.83                    | NA                                                | 38 - 48                                    | Chinle/Alluvium Interface                 |
| MKTF-44        | 7/25/2023                 | 2.00                   | 50.90                 | ND                    | NA                        | 29.46                   | 6,837.95                    | NA                                                | 38 - 48                                    | Chinle/Alluvium Interface                 |
| MKTF-44        | 8/21/2023                 | 2.00                   | 50.90                 | ND                    | NA                        | 32.68                   | 6,834.73                    | NA                                                | 38 - 48                                    | Chinle/Alluvium Interface                 |
| MKTF-44        | 9/6/2023                  | 2.00                   | 50.90                 | ND                    | NA                        | 32.66                   | 6,834.75                    | NA                                                | 38 - 48                                    | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |



**TABLE 3A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground-water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| MKTF-45        | 06/01/21                  | 4.00                   | 30.50                 | 15.07                 | 0.02                      | 15.09                   | 6,933.54                    | 6933.56                                           | Unknown                                    | Chinle/Alluvium Interface                 |
| MKTF-45        | 07/07/21                  | 4.00                   | 30.50                 | ND                    | NA                        | 13.47                   | 6,935.16                    | NA                                                | Unknown                                    | Chinle/Alluvium Interface                 |
| MKTF-45        | 08/02/21                  | 4.00                   | 30.50                 | 13.49                 | 0.02                      | 13.51                   | 6,935.12                    | 6935.14                                           | Unknown                                    | Chinle/Alluvium Interface                 |
| MKTF-45        | 09/07/21                  | 4.00                   | 30.50                 | 13.47                 | 0.02                      | 13.49                   | 6,935.14                    | 6935.16                                           | Unknown                                    | Chinle/Alluvium Interface                 |
| MKTF-45        | 10/27/21                  | 4.00                   | 30.50                 | ND                    | NA                        | 13.50                   | 6,935.13                    | NA                                                | Unknown                                    | Chinle/Alluvium Interface                 |
| MKTF-45        | 11/02/21                  | 4.00                   | 30.50                 | ND                    | NA                        | 13.46                   | 6,935.17                    | NA                                                | Unknown                                    | Chinle/Alluvium Interface                 |
| MKTF-45        | 12/09/21                  | 4.00                   | 30.50                 | 13.35                 | 0.04                      | 13.39                   | 6,935.24                    | 6935.27                                           | Unknown                                    | Chinle/Alluvium Interface                 |
| MKTF-45        | 01/10/22                  | 4.00                   | 30.50                 | ND                    | NA                        | 13.74                   | 6,934.89                    | NA                                                | Unknown                                    | Chinle/Alluvium Interface                 |
| MKTF-45        | 02/28/22                  | 4.00                   | 30.50                 | ND                    | NA                        | 13.59                   | 6,935.04                    | NA                                                | Unknown                                    | Chinle/Alluvium Interface                 |
| MKTF-45        | 03/02/22                  | 4.00                   | 30.50                 | 13.32                 | 0.05                      | 13.37                   | 6,935.26                    | 6935.30                                           | Unknown                                    | Chinle/Alluvium Interface                 |
| MKTF-45        | 04/27/22                  | 4.00                   | 30.50                 | 14.12                 | 0.03                      | 14.15                   | 6,934.48                    | 6934.50                                           | Unknown                                    | Chinle/Alluvium Interface                 |
| MKTF-45        | 05/02/22                  | 4.00                   | 30.50                 | ND                    | NA                        | 14.28                   | 6,934.35                    | NA                                                | Unknown                                    | Chinle/Alluvium Interface                 |
| MKTF-45        | 06/01/22                  | 4.00                   | 30.50                 | 14.53                 | 0.14                      | 14.67                   | 6,933.96                    | 6934.07                                           | Unknown                                    | Chinle/Alluvium Interface                 |
| MKTF-45        | 07/06/22                  | 4.00                   | 30.50                 | 14.43                 | 0.18                      | 14.61                   | 6,934.02                    | 6934.16                                           | Unknown                                    | Chinle/Alluvium Interface                 |
| MKTF-45        | 08/08/22                  | 4.00                   | 30.50                 | 14.23                 | 0.17                      | 14.40                   | 6,934.23                    | 6934.37                                           | Unknown                                    | Chinle/Alluvium Interface                 |
| MKTF-45        | 09/01/22                  | 4.00                   | 30.50                 | 14.02                 | 0.11                      | 14.13                   | 6,934.50                    | 6934.59                                           | Unknown                                    | Chinle/Alluvium Interface                 |
| MKTF-45        | 10/03/22                  | 4.00                   | 30.50                 | 14.07                 | 0.02                      | 14.09                   | 6,934.54                    | 6934.56                                           | Unknown                                    | Chinle/Alluvium Interface                 |
| MKTF-45        | 11/03/22                  | 4.00                   | 30.50                 | 14.15                 | 0.02                      | 14.17                   | 6,934.46                    | 6934.48                                           | Unknown                                    | Chinle/Alluvium Interface                 |
| MKTF-45        | 12/09/22                  | 4.00                   | 30.50                 | 14.05                 | 0.10                      | 14.15                   | 6,934.48                    | 6934.56                                           | Unknown                                    | Chinle/Alluvium Interface                 |
| MKTF-45        | 1/30/2023                 | 4.00                   | 30.50                 | 14.12                 | 0.08                      | 14.20                   | 6,934.43                    | 6934.49                                           | Unknown                                    | Chinle/Alluvium Interface                 |
| MKTF-45        | 2/27/2023                 | 4.00                   | 30.50                 | 14.13                 | 0.09                      | 14.22                   | 6,934.41                    | 6934.48                                           | Unknown                                    | Chinle/Alluvium Interface                 |
| MKTF-45        | 3/7/2023                  | 4.00                   | 30.50                 | 13.88                 | 0.06                      | 13.94                   | 6,934.69                    | 6934.74                                           | Unknown                                    | Chinle/Alluvium Interface                 |
| MKTF-45        | 4/12/2023                 | 4.00                   | 30.50                 | 13.33                 | 0.01                      | 13.34                   | 6,935.29                    | 6935.30                                           | Unknown                                    | Chinle/Alluvium Interface                 |
| MKTF-45        | 5/15/2023                 | 4.00                   | 30.50                 | 13.18                 | 0.01                      | 13.19                   | 6,935.44                    | 6935.45                                           | Unknown                                    | Chinle/Alluvium Interface                 |
| MKTF-45        | 6/12/2023                 | 4.00                   | 30.50                 | ND                    | NA                        | 13.56                   | 6,935.07                    | NA                                                | Unknown                                    | Chinle/Alluvium Interface                 |
| MKTF-45        | 7/25/2023                 | 4.00                   | 30.50                 | ND                    | NA                        | 13.54                   | 6,935.09                    | NA                                                | Unknown                                    | Chinle/Alluvium Interface                 |
| MKTF-45        | 8/22/2023                 | 4.00                   | 30.50                 | 13.76                 | 0.05                      | 13.81                   | 6,934.82                    | 6934.86                                           | Unknown                                    | Chinle/Alluvium Interface                 |
| MKTF-45        | 9/6/2023                  | 4.00                   | 30.50                 | 13.79                 | 0.03                      | 13.82                   | 6,934.81                    | NA                                                | Unknown                                    | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground-water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| MKTF-46        | 06/01/21                  | 2.00                   | 21.30                 | ND                    | NA                        | 8.22                    | 6,946.51                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-46        | 07/21/21                  | 2.00                   | 21.30                 | ND                    | NA                        | 8.96                    | 6,945.77                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-46        | 08/25/21                  | 2.00                   | 21.30                 | ND                    | NA                        | 9.13                    | 6,945.60                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-46        | 09/09/21                  | 2.00                   | 21.30                 | ND                    | NA                        | 9.29                    | 6,945.44                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-46        | 10/27/21                  | 2.00                   | 21.30                 | ND                    | NA                        | 9.19                    | 6,945.54                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-46        | 11/17/21                  | 2.00                   | 21.30                 | ND                    | NA                        | 9.68                    | 6,945.05                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-46        | 12/03/21                  | 2.00                   | 21.30                 | ND                    | NA                        | 9.91                    | 6,944.82                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-46        | 01/10/22                  | 2.00                   | 21.30                 | ND                    | NA                        | 10.29                   | 6,944.44                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-46        | 02/28/22                  | 2.00                   | 21.30                 | ND                    | NA                        | 10.26                   | 6,944.47                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-46        | 03/01/22                  | 2.00                   | 21.30                 | ND                    | NA                        | 9.93                    | 6,944.80                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-46        | 04/27/22                  | 2.00                   | 21.30                 | ND                    | NA                        | 10.72                   | 6,944.01                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-46        | 05/05/22                  | 2.00                   | 21.30                 | ND                    | NA                        | 10.74                   | 6,943.99                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-46        | 06/01/22                  | 2.00                   | 21.28                 | ND                    | NA                        | 11.14                   | 6,943.59                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-46        | 07/06/22                  | 2.00                   | 21.26                 | ND                    | NA                        | 10.89                   | 6,943.84                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-46        | 08/08/22                  | 2.00                   | 21.24                 | ND                    | NA                        | 11.01                   | 6,943.72                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-46        | 09/01/22                  | 2.00                   | 21.22                 | ND                    | NA                        | 10.14                   | 6,944.59                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-46        | 10/03/22                  | 2.00                   | 21.20                 | ND                    | NA                        | 10.22                   | 6,944.51                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-46        | 11/03/22                  | 2.00                   | 21.18                 | ND                    | NA                        | 10.25                   | 6,944.48                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-46        | 12/06/22                  | 2.00                   | 21.16                 | ND                    | NA                        | 9.33                    | 6,945.40                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-46        | 01/30/23                  | 2.00                   | 21.20                 | ND                    | NA                        | 9.34                    | 6,945.39                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-46        | 02/27/23                  | 2.00                   | 21.18                 | ND                    | NA                        | 9.79                    | 6,944.94                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-46        | 03/06/23                  | 2.00                   | 21.16                 | ND                    | NA                        | 10.15                   | 6,944.58                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-46        | 04/12/23                  | 2.00                   | 21.20                 | ND                    | NA                        | 9.31                    | 6,945.42                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-46        | 05/15/23                  | 2.00                   | 21.18                 | ND                    | NA                        | 9.37                    | 6,945.36                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-46        | 06/01/23                  | 2.00                   | 21.16                 | ND                    | NA                        | 9.18                    | 6,945.55                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-46        | 07/25/23                  | 2.00                   | 21.16                 | ND                    | NA                        | 9.33                    | 6,945.40                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-46        | 08/21/23                  | 2.00                   | 21.16                 | ND                    | NA                        | 9.48                    | 6,945.25                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-46        | 09/06/23                  | 2.00                   | 21.16                 | ND                    | NA                        | 9.48                    | 6,945.25                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground-water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| MKTF-47        | 06/01/21                  | 2.00                   | 14.30                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-47        | 07/21/21                  | 2.00                   | 14.30                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-47        | 08/25/21                  | 2.00                   | 14.30                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-47        | 09/09/21                  | 2.00                   | 14.30                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-47        | 10/27/21                  | 2.00                   | 14.30                 | 10.97                 | 0.05                      | 11.02                   | 6,948.49                    | 6948.53                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-47        | 11/17/21                  | 2.00                   | 14.30                 | 11.10                 | 0.04                      | 11.14                   | 6,948.37                    | 6948.40                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-47        | 12/03/21                  | 2.00                   | 14.30                 | 11.39                 | 0.04                      | 11.43                   | 6,948.08                    | 6948.11                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-47        | 01/10/22                  | 2.00                   | 14.30                 | 11.37                 | 0.05                      | 11.42                   | 6,948.09                    | 6948.13                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-47        | 02/28/22                  | 2.00                   | 14.30                 | 11.42                 | 0.05                      | 11.47                   | 6,948.04                    | 6948.08                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-47        | 03/02/22                  | 2.00                   | 14.30                 | 11.42                 | 0.05                      | 11.47                   | 6,948.04                    | 6948.08                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-47        | 04/27/22                  | 2.00                   | 14.30                 | 11.66                 | 0.04                      | 11.70                   | 6,947.81                    | 6947.84                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-47        | 05/05/22                  | 2.00                   | 14.30                 | 11.64                 | 0.02                      | 11.66                   | 6,947.85                    | 6947.87                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-47        | 06/01/22                  | 2.00                   | 14.35                 | 11.37                 | 0.06                      | 11.43                   | 6,948.08                    | 6948.13                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-47        | 07/06/22                  | 2.00                   | 14.40                 | 11.10                 | 0.07                      | 11.17                   | 6,948.34                    | 6948.40                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-47        | 08/08/22                  | 2.00                   | 14.45                 | 11.12                 | 0.07                      | 11.19                   | 6,948.32                    | 6948.38                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-47        | 09/01/22                  | 2.00                   | 14.50                 | 11.57                 | 0.10                      | 11.67                   | 6,947.84                    | 6947.92                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-47        | 10/03/22                  | 2.00                   | 14.55                 | 11.60                 | 0.11                      | 11.71                   | 6,947.80                    | 6947.89                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-47        | 11/03/22                  | 2.00                   | 14.60                 | 11.62                 | 0.09                      | 11.71                   | 6,947.80                    | 6947.87                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-47        | 12/06/22                  | 2.00                   | 14.65                 | 11.58                 | 0.09                      | 11.67                   | 6,947.84                    | 6947.91                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-47        | 1/30/2023                 | 2.00                   | 14.55                 | 11.62                 | 0.08                      | 11.70                   | 6,947.81                    | 6947.87                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-47        | 2/27/2023                 | 2.00                   | 14.60                 | 11.74                 | 0.08                      | 11.82                   | 6,947.69                    | 6947.75                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-47        | 3/7/2023                  | 2.00                   | 14.65                 | 10.82                 | 0.03                      | 10.85                   | 6,948.66                    | 6948.68                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-47        | 4/12/2023                 | 2.00                   | 14.55                 | 10.40                 | 0.02                      | 10.42                   | 6,949.09                    | 6949.11                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-47        | 5/15/2023                 | 2.00                   | 14.60                 | 10.40                 | 0.05                      | 10.45                   | 6,949.06                    | 6949.10                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-47        | 6/12/2023                 | 2.00                   | 14.65                 | 10.41                 | 0.02                      | 10.43                   | 6,949.08                    | 6949.10                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-47        | 7/25/2023                 | 2.00                   | 14.65                 | 10.45                 | 0.02                      | 10.47                   | 6,949.04                    | 6949.06                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-47        | 8/18/2023                 | 2.00                   | 14.65                 | ND                    | NA                        | 9.84                    | 6,949.67                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-47        | 9/6/2023                  | 2.00                   | 14.65                 | ND                    | NA                        | 9.84                    | 6,949.67                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground-water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| MKTF-48        | 06/01/21                  | 2.00                   | 20.95                 | 10.15                 | 0.24                      | 10.39                   | 6,948.85                    | 6949.04                                           | 2 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-48        | 07/21/21                  | 2.00                   | 20.95                 | 10.51                 | 0.21                      | 10.72                   | 6,948.52                    | 6948.69                                           | 2 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-48        | 08/25/21                  | 2.00                   | 20.95                 | 10.86                 | 0.25                      | 11.11                   | 6,948.13                    | 6948.33                                           | 2 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-48        | 09/09/21                  | 2.00                   | 20.95                 | 10.83                 | 0.22                      | 11.05                   | 6,948.19                    | 6948.37                                           | 2 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-48        | 10/27/21                  | 2.00                   | 20.95                 | 11.04                 | 0.37                      | 11.41                   | 6,947.83                    | 6948.13                                           | 2 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-48        | 11/17/21                  | 2.00                   | 20.95                 | 11.12                 | 0.57                      | 11.69                   | 6,947.55                    | 6948.01                                           | 2 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-48        | 12/03/21                  | 2.00                   | 20.95                 | 11.85                 | 0.54                      | 12.39                   | 6,946.85                    | 6947.28                                           | 2 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-48        | 01/10/22                  | 2.00                   | 20.95                 | 12.07                 | 0.29                      | 12.36                   | 6,946.88                    | 6947.11                                           | 2 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-48        | 02/28/22                  | 2.00                   | 20.95                 | 12.12                 | 0.20                      | 12.32                   | 6,946.92                    | 6947.08                                           | 2 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-48        | 03/02/22                  | 2.00                   | 21.00                 | 11.89                 | 0.45                      | 12.34                   | 6,946.90                    | 6947.26                                           | 2 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-48        | 04/27/22                  | 2.00                   | 21.00                 | 7.89                  | 1.45                      | 9.34                    | 6,949.90                    | 6951.06                                           | 2 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-48        | 05/05/22                  | 2.00                   | 21.00                 | 7.89                  | 1.46                      | 9.35                    | 6,949.89                    | 6951.06                                           | 2 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-48        | 06/01/22                  | 2.00                   | 21.00                 | 7.86                  | 1.45                      | 9.31                    | 6,949.93                    | 6951.09                                           | 2 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-48        | 07/06/22                  | 2.00                   | 21.00                 | 8.62                  | 1.58                      | 10.20                   | 6,949.04                    | 6950.30                                           | 2 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-48        | 08/08/22                  | 2.00                   | 21.00                 | 8.71                  | 1.52                      | 10.23                   | 6,949.01                    | 6950.23                                           | 2 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-48        | 09/01/22                  | 2.00                   | 21.00                 | 8.02                  | 1.42                      | 9.44                    | 6,949.80                    | 6950.94                                           | 2 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-48        | 10/03/22                  | 2.00                   | 21.00                 | 11.13                 | 0.06                      | 11.19                   | 6,948.05                    | 6948.10                                           | 2 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-48        | 11/03/22                  | 2.00                   | 21.00                 | 11.19                 | 0.06                      | 11.25                   | 6,947.99                    | 6948.04                                           | 2 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-48        | 12/06/22                  | 2.00                   | 21.00                 | 11.51                 | 0.04                      | 11.55                   | 6,947.69                    | 6947.72                                           | 2 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-48        | 1/30/2023                 | 2.00                   | 21.00                 | 11.55                 | 0.05                      | 11.60                   | 6,947.64                    | 6947.68                                           | 2 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-48        | 2/27/2023                 | 2.00                   | 21.00                 | 11.74                 | 0.08                      | 11.82                   | 6,947.42                    | 6947.48                                           | 2 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-48        | 3/7/2023                  | 2.00                   | 21.00                 | 11.64                 | 0.02                      | 11.66                   | 6,947.58                    | 6947.60                                           | 2 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-48        | 4/12/2023                 | 2.00                   | 21.00                 | 11.61                 | 0.03                      | 11.64                   | 6,947.60                    | 6947.62                                           | 2 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-48        | 5/15/2023                 | 2.00                   | 21.00                 | 11.66                 | 0.04                      | 11.70                   | 6,947.54                    | 6947.57                                           | 2 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-48        | 6/12/2023                 | 2.00                   | 21.00                 | 11.20                 | 0.02                      | 11.22                   | 6,948.02                    | 6948.04                                           | 2 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-48        | 7/25/2023                 | 2.00                   | 21.00                 | 11.01                 | 0.07                      | 11.08                   | 6,948.16                    | 6948.22                                           | 2 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-48        | 8/23/2023                 | 2.00                   | 21.00                 | 11.13                 | 0.13                      | 11.26                   | 6,947.98                    | 6948.08                                           | 2 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-48        | 9/6/2023                  | 2.00                   | 21.00                 | 11.11                 | 0.13                      | 11.24                   | 6,948.00                    | 6948.10                                           | 2 - 17                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |



**TABLE 3A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground-water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| MKTF-49        | 06/01/21                  | 2.00                   | 25.02                 | ND                    | NA                        | 18.16                   | 6,925.84                    | NA                                                | 5 - 25                                     | Chinle/Alluvium Interface                 |
| MKTF-49        | 06/16/21                  | 2.00                   | 25.02                 | 18.64                 | 0.68                      | 19.32                   | 6,924.68                    | 6925.22                                           | 5 - 25                                     | Chinle/Alluvium Interface                 |
| MKTF-49        | 07/07/21                  | 2.00                   | 25.02                 | 17.99                 | 0.69                      | 18.68                   | 6,925.32                    | 6925.87                                           | 5 - 25                                     | Chinle/Alluvium Interface                 |
| MKTF-49        | 08/04/21                  | 2.00                   | 25.02                 | 18.36                 | 1.00                      | 19.36                   | 6,924.64                    | 6925.44                                           | 5 - 25                                     | Chinle/Alluvium Interface                 |
| MKTF-49        | 09/09/21                  | 2.00                   | 25.02                 | 18.01                 | 1.06                      | 19.07                   | 6,924.93                    | 6925.78                                           | 5 - 25                                     | Chinle/Alluvium Interface                 |
| MKTF-49        | 10/27/21                  | 2.00                   | 25.02                 | 18.04                 | 0.42                      | 18.46                   | 6,925.54                    | 6925.88                                           | 5 - 25                                     | Chinle/Alluvium Interface                 |
| MKTF-49        | 11/02/21                  | 2.00                   | 25.02                 | 18.00                 | 0.45                      | 18.45                   | 6,925.55                    | 6925.91                                           | 5 - 25                                     | Chinle/Alluvium Interface                 |
| MKTF-49        | 12/03/21                  | 2.00                   | 25.02                 | 17.74                 | 0.29                      | 18.03                   | 6,925.97                    | 6926.20                                           | 5 - 25                                     | Chinle/Alluvium Interface                 |
| MKTF-49        | 01/10/22                  | 2.00                   | 25.02                 | 18.34                 | 0.48                      | 18.82                   | 6,925.18                    | 6925.56                                           | 5 - 25                                     | Chinle/Alluvium Interface                 |
| MKTF-49        | 02/28/22                  | 2.00                   | 25.02                 | 18.24                 | 0.66                      | 18.90                   | 6,925.10                    | 6925.63                                           | 5 - 25                                     | Chinle/Alluvium Interface                 |
| MKTF-49        | 03/02/22                  | 2.00                   | 25.00                 | 17.70                 | 0.18                      | 17.88                   | 6,926.12                    | 6926.26                                           | 5 - 25                                     | Chinle/Alluvium Interface                 |
| MKTF-49        | 04/27/22                  | 2.00                   | 25.00                 | 18.79                 | 0.26                      | 19.05                   | 6,924.95                    | 6925.16                                           | 5 - 25                                     | Chinle/Alluvium Interface                 |
| MKTF-49        | 05/04/22                  | 2.00                   | 25.00                 | 18.46                 | 2.00                      | 20.46                   | 6,923.54                    | 6925.14                                           | 5 - 25                                     | Chinle/Alluvium Interface                 |
| MKTF-49        | 06/01/22                  | 2.00                   | 25.00                 | 18.69                 | 1.20                      | 19.89                   | 6,924.11                    | 6925.07                                           | 5 - 25                                     | Chinle/Alluvium Interface                 |
| MKTF-49        | 07/06/22                  | 2.00                   | 25.00                 | 18.69                 | 2.03                      | 20.72                   | 6,923.28                    | 6924.90                                           | 5 - 25                                     | Chinle/Alluvium Interface                 |
| MKTF-49        | 08/08/22                  | 2.00                   | 25.00                 | 18.53                 | 1.57                      | 20.10                   | 6,923.90                    | 6925.16                                           | 5 - 25                                     | Chinle/Alluvium Interface                 |
| MKTF-49        | 09/01/22                  | 2.00                   | 25.00                 | 18.44                 | 1.74                      | 20.18                   | 6,923.82                    | 6925.21                                           | 5 - 25                                     | Chinle/Alluvium Interface                 |
| MKTF-49        | 10/03/22                  | 2.00                   | 25.00                 | 18.62                 | 0.60                      | 19.22                   | 6,924.78                    | 6925.26                                           | 5 - 25                                     | Chinle/Alluvium Interface                 |
| MKTF-49        | 11/03/22                  | 2.00                   | 25.00                 | 18.64                 | 0.64                      | 19.28                   | 6,924.72                    | 6925.23                                           | 5 - 25                                     | Chinle/Alluvium Interface                 |
| MKTF-49        | 12/06/22                  | 2.00                   | 25.00                 | 18.58                 | 1.14                      | 19.72                   | 6,924.28                    | 6925.19                                           | 5 - 25                                     | Chinle/Alluvium Interface                 |
| MKTF-49        | 1/30/2023                 | 2.00                   | 25.00                 | 18.60                 | 1.14                      | 19.74                   | 6,924.26                    | 6925.17                                           | 5 - 25                                     | Chinle/Alluvium Interface                 |
| MKTF-49        | 2/27/2023                 | 2.00                   | 25.00                 | 18.74                 | 0.88                      | 19.62                   | 6,924.38                    | 6925.08                                           | 5 - 25                                     | Chinle/Alluvium Interface                 |
| MKTF-49        | 3/31/2023                 | 2.00                   | 25.00                 | 10.62                 | 0.63                      | 11.25                   | 6,932.75                    | 6933.25                                           | 5 - 25                                     | Chinle/Alluvium Interface                 |
| MKTF-49        | 4/6/2023                  | 2.00                   | 25.00                 | 18.79                 | 1.45                      | 20.24                   | 6,923.76                    | 6924.92                                           | 5 - 25                                     | Chinle/Alluvium Interface                 |
| MKTF-49        | 4/12/2023                 | 2.00                   | 25.00                 | 17.76                 | 2.33                      | 20.09                   | 6,923.91                    | 6925.77                                           | 5 - 25                                     | Chinle/Alluvium Interface                 |
| MKTF-49        | 5/15/2023                 | 2.00                   | 25.00                 | 19.02                 | 0.90                      | 19.92                   | 6,924.08                    | 6924.80                                           | 5 - 25                                     | Chinle/Alluvium Interface                 |
| MKTF-49        | 6/12/2023                 | 2.00                   | 25.00                 | 18.75                 | 0.87                      | 19.62                   | 6,924.38                    | 6925.08                                           | 5 - 25                                     | Chinle/Alluvium Interface                 |
| MKTF-49        | 7/25/2023                 | 2.00                   | 25.00                 | 19.04                 | 0.95                      | 19.99                   | 6,924.01                    | 6924.77                                           | 5 - 25                                     | Chinle/Alluvium Interface                 |
| MKTF-49        | 8/21/2023                 | 2.00                   | 25.00                 | 19.56                 | 0.82                      | 20.38                   | 6,923.62                    | 6924.28                                           | 5 - 25                                     | Chinle/Alluvium Interface                 |
| MKTF-49        | 9/6/2023                  | 2.00                   | 25.00                 | 19.54                 | 0.80                      | 20.34                   | 6,923.66                    | 6924.30                                           | 5 - 25                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground-water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| MKTF-50        | 06/01/21                  | 2.00                   | 21.70                 | ND                    | NA                        | 13.52                   | 6,926.16                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-50        | 06/16/21                  | 2.00                   | 21.70                 | 13.54                 | 0.17                      | 13.71                   | 6,925.97                    | 6926.11                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-50        | 07/21/21                  | 2.00                   | 21.70                 | 11.61                 | 0.45                      | 12.06                   | 6,927.62                    | 6927.98                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-50        | 08/04/21                  | 2.00                   | 21.70                 | 12.31                 | 0.30                      | 12.61                   | 6,927.07                    | 6927.31                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-50        | 09/09/21                  | 2.00                   | 21.70                 | 12.26                 | 0.28                      | 12.54                   | 6,927.14                    | 6927.36                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-50        | 10/27/21                  | 2.00                   | 21.70                 | 12.34                 | 0.31                      | 12.65                   | 6,927.03                    | 6927.28                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-50        | 11/02/21                  | 2.00                   | 21.70                 | 12.41                 | 0.27                      | 12.68                   | 6,927.00                    | 6927.22                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-50        | 12/09/21                  | 2.00                   | 21.70                 | 12.30                 | 0.26                      | 12.56                   | 6,927.12                    | 6927.33                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-50        | 01/10/22                  | 2.00                   | 21.70                 | 12.36                 | 0.18                      | 12.54                   | 6,927.14                    | 6927.28                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-50        | 02/28/22                  | 2.00                   | 21.70                 | 12.41                 | 0.16                      | 12.57                   | 6,927.11                    | 6927.24                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-50        | 03/02/22                  | 2.00                   | 21.71                 | 12.27                 | 0.30                      | 12.57                   | 6,927.11                    | 6927.35                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-50        | 04/27/22                  | 2.00                   | 21.71                 | 12.66                 | 0.23                      | 12.89                   | 6,926.79                    | 6926.97                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-50        | 05/05/22                  | 2.00                   | 21.71                 | 12.68                 | 0.20                      | 12.88                   | 6,926.80                    | 6926.96                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-50        | 06/01/22                  | 2.00                   | 21.71                 | 12.87                 | 0.31                      | 13.18                   | 6,926.50                    | 6926.75                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-50        | 07/06/22                  | 2.00                   | 21.71                 | 12.66                 | 0.23                      | 12.89                   | 6,926.79                    | 6926.97                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-50        | 08/08/22                  | 2.00                   | 21.71                 | 12.82                 | 0.30                      | 13.12                   | 6,926.56                    | 6926.80                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-50        | 09/01/22                  | 2.00                   | 21.71                 | 12.76                 | 0.29                      | 13.05                   | 6,926.63                    | 6926.86                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-50        | 10/03/22                  | 2.00                   | 21.71                 | 12.68                 | 0.28                      | 12.96                   | 6,926.72                    | 6926.94                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-50        | 11/03/22                  | 2.00                   | 21.71                 | 12.76                 | 0.25                      | 13.01                   | 6,926.67                    | 6926.87                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-50        | 12/06/22                  | 2.00                   | 21.71                 | NM                    | NM                        | 12.89                   | 6,926.79                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-50        | 01/11/23                  | 2.00                   | 21.71                 | 13.35                 | 0.91                      | 14.26                   | 6,925.42                    | 6926.15                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-50        | 02/27/23                  | 2.00                   | 21.71                 | ND                    | NA                        | 13.09                   | 6,926.59                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-50        | 03/31/23                  | 2.00                   | 21.71                 | 12.66                 | 0.27                      | 12.93                   | 6,926.75                    | 6926.97                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-50        | 04/12/23                  | 2.00                   | 21.71                 | 12.51                 | 0.36                      | 12.87                   | 6,926.81                    | 6927.10                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-50        | 05/15/23                  | 2.00                   | 21.71                 | 12.48                 | 0.42                      | 12.90                   | 6,926.78                    | 6927.12                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-50        | 6/12/2023                 | 2.00                   | 21.71                 | 12.59                 | 0.38                      | 12.97                   | 6,926.71                    | 6927.01                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-50        | 7/25/2023                 | 2.00                   | 21.71                 | 12.56                 | 0.45                      | 13.01                   | 6,926.67                    | 6927.03                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-50        | 8/23/2023                 | 2.00                   | 21.71                 | 14.25                 | 0.36                      | 14.61                   | 6,925.07                    | 6925.36                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-50        | 9/6/2023                  | 2.00                   | 21.71                 | 14.21                 | 0.37                      | 14.58                   | 6,925.10                    | 6925.40                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |

Notes:

<sup>1</sup> = Corrected water table elevation calculation = (SPH thickness x 0.8) + ground water elevation

ft = feet

ft-bgs = feet below ground surface

SPH = separate phase hydrocarbon

NA = Not applicable

ND = Not detected

NM = Not measured

Dry indicates no fluid was detected

Depth to Water Column - if 0.00 is indicated - means water is at top of casing (full) under artesian flow conditions.

**TABLE 3B. FLUID LEVEL MEASUREMENTS FOR NON MKTF WELLS  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| GWM-1          | 06/02/21                  | 2.00                   | 26.40                 | 18.87                 | 1.41                      | 20.28                   | 6,889.94                    | 6891.07                                           | 17.5 - 23.5                                | Chinle/Alluvial Interface                 |
| GWM-1          | 07/06/21                  | 2.00                   | 26.40                 | 18.51                 | 1.15                      | 19.66                   | 6,890.56                    | 6891.48                                           | 17.5 - 23.5                                | Chinle/Alluvial Interface                 |
| GWM-1          | 08/25/21                  | 2.00                   | 26.40                 | 18.81                 | 1.23                      | 20.04                   | 6,890.18                    | 6891.16                                           | 17.5 - 23.5                                | Chinle/Alluvial Interface                 |
| GWM-1          | 09/09/21                  | 2.00                   | 26.40                 | 18.85                 | 1.23                      | 20.08                   | 6,890.14                    | 6891.12                                           | 17.5 - 23.5                                | Chinle/Alluvial Interface                 |
| GWM-1          | 10/27/21                  | 2.00                   | 26.40                 | 18.82                 | 1.23                      | 20.05                   | 6,890.17                    | 6891.15                                           | 17.5 - 23.5                                | Chinle/Alluvial Interface                 |
| GWM-1          | 11/17/21                  | 2.00                   | 26.40                 | 18.83                 | 1.25                      | 20.08                   | 6,890.14                    | 6891.14                                           | 17.5 - 23.5                                | Chinle/Alluvial Interface                 |
| GWM-1          | 12/03/21                  | 2.00                   | 26.40                 | 18.50                 | 1.27                      | 19.77                   | 6,890.45                    | 6891.47                                           | 17.5 - 23.5                                | Chinle/Alluvial Interface                 |
| GWM-1          | 01/10/22                  | 2.00                   | 26.40                 | 18.54                 | 2.19                      | 20.73                   | 6,889.49                    | 6891.24                                           | 17.5 - 23.5                                | Chinle/Alluvial Interface                 |
| GWM-1          | 02/28/22                  | 2.00                   | 26.40                 | 18.54                 | 2.20                      | 20.74                   | 6,889.48                    | 6891.24                                           | 17.5 - 23.5                                | Chinle/Alluvial Interface                 |
| GWM-1          | 03/01/22                  | 2.00                   | 26.40                 | 18.45                 | 1.26                      | 19.71                   | 6,890.51                    | 6891.52                                           | 17.5 - 23.5                                | Chinle/Alluvial Interface                 |
| GWM-1          | 04/27/22                  | 2.00                   | 26.40                 | 18.72                 | 1.91                      | 20.63                   | 6,889.59                    | 6891.12                                           | 17.5 - 23.5                                | Chinle/Alluvial Interface                 |
| GWM-1          | 05/05/22                  | 2.00                   | 26.40                 | 18.68                 | 2.04                      | 20.72                   | 6,889.50                    | 6891.13                                           | 17.5 - 23.5                                | Chinle/Alluvial Interface                 |
| GWM-1          | 06/01/22                  | 2.00                   | 26.40                 | 18.64                 | 2.17                      | 20.81                   | 6,889.41                    | 6891.15                                           | 17.5 - 23.5                                | Chinle/Alluvial Interface                 |
| GWM-1          | 07/07/22                  | 2.00                   | 26.40                 | 19.01                 | 2.22                      | 21.23                   | 6,888.99                    | 6890.77                                           | 17.5 - 23.5                                | Chinle/Alluvial Interface                 |
| GWM-1          | 08/09/22                  | 2.00                   | 26.40                 | 18.97                 | 2.29                      | 21.26                   | 6,888.96                    | 6890.79                                           | 17.5 - 23.5                                | Chinle/Alluvial Interface                 |
| GWM-1          | 09/02/22                  | 2.00                   | 26.40                 | 18.51                 | 2.08                      | 20.59                   | 6,889.63                    | 6891.29                                           | 17.5 - 23.5                                | Chinle/Alluvial Interface                 |
| GWM-1          | 10/05/22                  | 2.00                   | 26.40                 | 18.66                 | 2.00                      | 20.66                   | 6,889.56                    | 6891.16                                           | 17.5 - 23.5                                | Chinle/Alluvial Interface                 |
| GWM-1          | 11/02/22                  | 2.00                   | 26.40                 | 18.72                 | 2.01                      | 20.73                   | 6,889.49                    | 6891.10                                           | 17.5 - 23.5                                | Chinle/Alluvial Interface                 |
| GWM-1          | 12/06/22                  | 2.00                   | 26.40                 | 18.62                 | 2.07                      | 20.69                   | 6,889.53                    | 6891.19                                           | 17.5 - 23.5                                | Chinle/Alluvial Interface                 |
| GWM-1          | 01/11/23                  | 2.00                   | 26.40                 | 18.61                 | 2.08                      | 20.69                   | 6,889.53                    | 6891.19                                           | 17.5 - 23.5                                | Chinle/Alluvial Interface                 |
| GWM-1          | 02/28/23                  | 2.00                   | 26.40                 | ND                    | NA                        | DRY                     | NM                          | NA                                                | 17.5 - 23.5                                | Chinle/Alluvial Interface                 |
| GWM-1          | 03/31/23                  | 2.00                   | 26.40                 | 18.51                 | 2.05                      | 20.56                   | 6,889.66                    | 6891.30                                           | 17.5 - 23.5                                | Chinle/Alluvial Interface                 |
| GWM-1          | 04/13/23                  | 2.00                   | 26.40                 | 18.49                 | 2.07                      | 20.56                   | 6,889.66                    | 6891.32                                           | 17.5 - 23.5                                | Chinle/Alluvial Interface                 |
| GWM-1          | 05/15/23                  | 2.00                   | 26.40                 | 18.47                 | 2.09                      | 20.56                   | 6,889.66                    | 6891.33                                           | 17.5 - 23.5                                | Chinle/Alluvial Interface                 |
| GWM-1          | 06/02/23                  | 2.00                   | 26.40                 | 18.51                 | 2.13                      | 20.64                   | 6,889.58                    | 6891.28                                           | 17.5 - 23.5                                | Chinle/Alluvial Interface                 |
| GWM-1          | 07/24/23                  | 2.00                   | 26.40                 | 18.51                 | 2.10                      | 20.61                   | 6,889.61                    | 6891.29                                           | 17.5 - 23.5                                | Chinle/Alluvial Interface                 |
| GWM-1          | 08/18/23                  | 2.00                   | 26.40                 | 18.49                 | 2.10                      | 20.59                   | 6,889.63                    | 6891.31                                           | 17.5 - 23.5                                | Chinle/Alluvial Interface                 |
| GWM-1          | 09/05/23                  | 2.00                   | 26.40                 | 18.51                 | 2.10                      | 20.61                   | 6,889.61                    | 6891.29                                           | 17.5 - 23.5                                | Chinle/Alluvial Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3B. FLUID LEVEL MEASUREMENTS FOR NON MKTF WELLS  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| GWM-2          | 06/03/21                  | 2.00                   | 18.08                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 3.2 - 16.2                                 | Chinle/Alluvial Interface                 |
| GWM-2          | 07/06/21                  | 2.00                   | 18.08                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 3.2 - 16.2                                 | Chinle/Alluvial Interface                 |
| GWM-2          | 08/25/21                  | 2.00                   | 18.08                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 3.2 - 16.2                                 | Chinle/Alluvial Interface                 |
| GWM-2          | 09/09/21                  | 2.00                   | 18.08                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 3.2 - 16.2                                 | Chinle/Alluvial Interface                 |
| GWM-2          | 10/27/21                  | 2.00                   | 18.08                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 3.2 - 16.2                                 | Chinle/Alluvial Interface                 |
| GWM-2          | 11/17/21                  | 2.00                   | 18.08                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 3.2 - 16.2                                 | Chinle/Alluvial Interface                 |
| GWM-2          | 12/03/21                  | 2.00                   | 18.08                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 3.2 - 16.2                                 | Chinle/Alluvial Interface                 |
| GWM-2          | 01/10/22                  | 2.00                   | 18.08                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 3.2 - 16.2                                 | Chinle/Alluvial Interface                 |
| GWM-2          | 02/28/22                  | 2.00                   | 18.08                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 3.2 - 16.2                                 | Chinle/Alluvial Interface                 |
| GWM-2          | 03/01/22                  | 2.00                   | 18.08                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 3.2 - 16.2                                 | Chinle/Alluvial Interface                 |
| GWM-2          | 04/27/22                  | 2.00                   | 18.08                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 3.2 - 16.2                                 | Chinle/Alluvial Interface                 |
| GWM-2          | 05/05/22                  | 2.00                   | 18.08                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 3.2 - 16.2                                 | Chinle/Alluvial Interface                 |
| GWM-2          | 06/01/22                  | 2.00                   | 18.08                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 3.2 - 16.2                                 | Chinle/Alluvial Interface                 |
| GWM-2          | 07/07/22                  | 2.00                   | 18.08                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 3.2 - 16.2                                 | Chinle/Alluvial Interface                 |
| GWM-2          | 08/09/22                  | 2.00                   | 18.08                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 3.2 - 16.2                                 | Chinle/Alluvial Interface                 |
| GWM-2          | 09/02/22                  | 2.00                   | 18.08                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 3.2 - 16.2                                 | Chinle/Alluvial Interface                 |
| GWM-2          | 10/05/22                  | 2.00                   | 18.08                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 3.2 - 16.2                                 | Chinle/Alluvial Interface                 |
| GWM-2          | 10/06/22                  | 2.00                   | 18.08                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 3.2 - 16.2                                 | Chinle/Alluvial Interface                 |
| GWM-2          | 12/06/22                  | 2.00                   | 18.08                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 3.2 - 16.2                                 | Chinle/Alluvial Interface                 |
| GWM-2          | 01/11/23                  | 2.00                   | 18.08                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 3.2 - 16.2                                 | Chinle/Alluvial Interface                 |
| GWM-2          | 02/28/23                  | 2.00                   | 18.08                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 3.2 - 16.2                                 | Chinle/Alluvial Interface                 |
| GWM-2          | 03/31/23                  | 2.00                   | 18.08                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 3.2 - 16.2                                 | Chinle/Alluvial Interface                 |
| GWM-2          | 04/13/23                  | 2.00                   | 18.08                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 3.2 - 16.2                                 | Chinle/Alluvial Interface                 |
| GWM-2          | 05/15/23                  | 2.00                   | 18.08                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 3.2 - 16.2                                 | Chinle/Alluvial Interface                 |
| GWM-2          | 6/2/2023                  | 2.00                   | 18.08                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 3.2 - 16.2                                 | Chinle/Alluvial Interface                 |
| GWM-2          | 7/24/2023                 | 2.00                   | 18.08                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 3.2 - 16.2                                 | Chinle/Alluvial Interface                 |
| GWM-2          | 8/18/2023                 | 2.00                   | 18.08                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 3.2 - 16.2                                 | Chinle/Alluvial Interface                 |
| GWM-2          | 9/5/2023                  | 2.00                   | 18.08                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 3.2 - 16.2                                 | Chinle/Alluvial Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |



**TABLE 3B. FLUID LEVEL MEASUREMENTS FOR NON MKTF WELLS  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| GWM-3          | 06/03/21                  | 2.00                   | 19.15                 | ND                    | NA                        | DRY                     | DRY                         | NA                                                | 3 - 15                                     | Chinle/Alluvial Interface                 |
| GWM-3          | 07/06/21                  | 2.00                   | 19.15                 | ND                    | NA                        | DRY                     | DRY                         | NA                                                | 3 - 15                                     | Chinle/Alluvial Interface                 |
| GWM-3          | 08/25/21                  | 2.00                   | 19.15                 | ND                    | NA                        | DRY                     | DRY                         | NA                                                | 3 - 15                                     | Chinle/Alluvial Interface                 |
| GWM-3          | 09/09/21                  | 2.00                   | 19.15                 | ND                    | NA                        | DRY                     | DRY                         | NA                                                | 3 - 15                                     | Chinle/Alluvial Interface                 |
| GWM-3          | 10/27/21                  | 2.00                   | 19.15                 | ND                    | NA                        | DRY                     | DRY                         | NA                                                | 3 - 15                                     | Chinle/Alluvial Interface                 |
| GWM-3          | 11/17/21                  | 2.00                   | 19.15                 | ND                    | NA                        | DRY                     | DRY                         | NA                                                | 3 - 15                                     | Chinle/Alluvial Interface                 |
| GWM-3          | 12/03/21                  | 2.00                   | 19.15                 | ND                    | NA                        | DRY                     | DRY                         | NA                                                | 3 - 15                                     | Chinle/Alluvial Interface                 |
| GWM-3          | 01/10/22                  | 2.00                   | 19.15                 | ND                    | NA                        | DRY                     | DRY                         | NA                                                | 3 - 15                                     | Chinle/Alluvial Interface                 |
| GWM-3          | 02/28/22                  | 2.00                   | 19.15                 | ND                    | NA                        | DRY                     | DRY                         | NA                                                | 3 - 15                                     | Chinle/Alluvial Interface                 |
| GWM-3          | 03/01/22                  | 2.00                   | 19.15                 | ND                    | NA                        | DRY                     | DRY                         | NA                                                | 3 - 15                                     | Chinle/Alluvial Interface                 |
| GWM-3          | 04/27/22                  | 2.00                   | 19.15                 | ND                    | NA                        | DRY                     | DRY                         | NA                                                | 3 - 15                                     | Chinle/Alluvial Interface                 |
| GWM-3          | 05/05/22                  | 2.00                   | 19.15                 | ND                    | NA                        | DRY                     | DRY                         | NA                                                | 3 - 15                                     | Chinle/Alluvial Interface                 |
| GWM-3          | 06/01/22                  | 2.00                   | 19.15                 | ND                    | NA                        | DRY                     | DRY                         | NA                                                | 3 - 15                                     | Chinle/Alluvial Interface                 |
| GWM-3          | 07/07/22                  | 2.00                   | 19.15                 | ND                    | NA                        | DRY                     | DRY                         | NA                                                | 3 - 15                                     | Chinle/Alluvial Interface                 |
| GWM-3          | 08/09/22                  | 2.00                   | 19.15                 | ND                    | NA                        | DRY                     | DRY                         | NA                                                | 3 - 15                                     | Chinle/Alluvial Interface                 |
| GWM-3          | 09/02/22                  | 2.00                   | 19.15                 | ND                    | NA                        | DRY                     | DRY                         | NA                                                | 3 - 15                                     | Chinle/Alluvial Interface                 |
| GWM-3          | 10/05/22                  | 2.00                   | 19.15                 | ND                    | NA                        | DRY                     | DRY                         | NA                                                | 3 - 15                                     | Chinle/Alluvial Interface                 |
| GWM-3          | 11/02/22                  | 2.00                   | 19.15                 | ND                    | NA                        | DRY                     | DRY                         | NA                                                | 3 - 15                                     | Chinle/Alluvial Interface                 |
| GWM-3          | 12/06/22                  | 2.00                   | 19.15                 | ND                    | NA                        | DRY                     | DRY                         | NA                                                | 3 - 15                                     | Chinle/Alluvial Interface                 |
| GWM-3          | 1/11/2023                 | 2.00                   | 19.15                 | ND                    | NA                        | DRY                     | DRY                         | NA                                                | 3 - 15                                     | Chinle/Alluvial Interface                 |
| GWM-3          | 2/28/2023                 | 2.00                   | 19.15                 | ND                    | NA                        | DRY                     | DRY                         | NA                                                | 3 - 15                                     | Chinle/Alluvial Interface                 |
| GWM-3          | 3/31/2023                 | 2.00                   | 19.15                 | ND                    | NA                        | DRY                     | DRY                         | NA                                                | 3 - 15                                     | Chinle/Alluvial Interface                 |
| GWM-3          | 4/13/2023                 | 2.00                   | 19.15                 | ND                    | NA                        | DRY                     | DRY                         | NA                                                | 3 - 15                                     | Chinle/Alluvial Interface                 |
| GWM-3          | 5/15/2023                 | 2.00                   | 19.15                 | ND                    | NA                        | DRY                     | DRY                         | NA                                                | 3 - 15                                     | Chinle/Alluvial Interface                 |
| GWM-3          | 6/2/2023                  | 2.00                   | 19.15                 | ND                    | NA                        | DRY                     | DRY                         | NA                                                | 3 - 15                                     | Chinle/Alluvial Interface                 |
| GWM-3          | 7/24/2023                 | 2.00                   | 19.15                 | ND                    | NA                        | DRY                     | DRY                         | NA                                                | 3 - 15                                     | Chinle/Alluvial Interface                 |
| GWM-3          | 8/18/2023                 | 2.00                   | 19.15                 | ND                    | NA                        | DRY                     | DRY                         | NA                                                | 3 - 15                                     | Chinle/Alluvial Interface                 |
| GWM-3          | 9/5/2023                  | 2.00                   | 19.15                 | ND                    | NA                        | DRY                     | DRY                         | NA                                                | 3 - 15                                     | Chinle/Alluvial Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3B. FLUID LEVEL MEASUREMENTS FOR NON MKTF WELLS  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| KA-3           | 06/03/21                  | 2.00                   | 23.20                 | ND                    | NA                        | 11.17                   | 6,902.12                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| KA-3           | 07/06/21                  | 2.00                   | 23.20                 | ND                    | NA                        | 10.21                   | 6,903.08                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| KA-3           | 08/25/21                  | 2.00                   | 23.20                 | ND                    | NA                        | 10.18                   | 6,903.11                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| KA-3           | 09/08/21                  | 2.00                   | 23.20                 | ND                    | NA                        | 10.08                   | 6,903.21                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| KA-3           | 10/27/21                  | 2.00                   | 23.20                 | ND                    | NA                        | 8.75                    | 6,904.54                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| KA-3           | 11/17/21                  | 2.00                   | 23.20                 | ND                    | NA                        | 9.73                    | 6,903.56                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| KA-3           | 12/13/21                  | 2.00                   | 23.20                 | ND                    | NA                        | 10.33                   | 6,902.96                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| KA-3           | 01/10/22                  | 2.00                   | 23.20                 | ND                    | NA                        | 10.21                   | 6,903.08                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| KA-3           | 02/28/22                  | 2.00                   | 23.20                 | ND                    | NA                        | 10.18                   | 6,903.11                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| KA-3           | 03/01/22                  | 2.00                   | 23.20                 | ND                    | NA                        | 10.30                   | 6,902.99                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| KA-3           | 04/27/22                  | 2.00                   | 23.20                 | ND                    | NA                        | 10.86                   | 6,902.43                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| KA-3           | 05/05/22                  | 2.00                   | 23.20                 | ND                    | NA                        | 10.90                   | 6,902.39                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| KA-3           | 06/01/22                  | 2.00                   | 23.20                 | ND                    | NA                        | 11.72                   | 6,901.57                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| KA-3           | 07/07/22                  | 2.00                   | 23.20                 | ND                    | NA                        | 11.45                   | 6,901.84                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| KA-3           | 08/09/22                  | 2.00                   | 23.20                 | ND                    | NA                        | 11.32                   | 6,901.97                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| KA-3           | 09/02/22                  | 2.00                   | 23.20                 | ND                    | NA                        | 11.57                   | 6,901.72                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| KA-3           | 10/05/22                  | 2.00                   | 23.20                 | ND                    | NA                        | 11.80                   | 6,901.49                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| KA-3           | 11/02/22                  | 2.00                   | 23.20                 | ND                    | NA                        | 11.72                   | 6,901.57                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| KA-3           | 12/14/22                  | 2.00                   | 23.20                 | ND                    | NA                        | 11.89                   | 6,901.40                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| KA-3           | 01/11/23                  | 2.00                   | 23.20                 | ND                    | NA                        | 11.87                   | 6,901.42                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| KA-3           | 02/28/23                  | 2.00                   | 23.20                 | ND                    | NA                        | 11.72                   | 6,901.57                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| KA-3           | 03/07/23                  | 2.00                   | 23.20                 | ND                    | NA                        | 11.32                   | 6,901.97                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| KA-3           | 04/12/23                  | 2.00                   | 23.20                 | ND                    | NA                        | 11.21                   | 6,902.08                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| KA-3           | 05/15/23                  | 2.00                   | 23.20                 | ND                    | NA                        | 11.19                   | 6,902.10                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| KA-3           | 06/02/23                  | 2.00                   | 23.20                 | ND                    | NA                        | 11.43                   | 6,901.86                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| KA-3           | 07/24/23                  | 2.00                   | 23.20                 | ND                    | NA                        | 11.32                   | 6,901.97                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| KA-3           | 08/18/23                  | 2.00                   | 23.20                 | ND                    | NA                        | 11.38                   | 6,901.91                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| KA-3           | 09/05/23                  | 2.00                   | 23.20                 | ND                    | NA                        | 11.42                   | 6,901.87                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3B. FLUID LEVEL MEASUREMENTS FOR NON MKTF WELLS  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| NAPIS-1        | 06/03/21                  | 2.00                   | 13.94                 | ND                    | NA                        | 7.61                    | 6,906.01                    | NA                                                | 3.7 - 13.7                                 | Chinle/Alluvial Interface                 |
| NAPIS-1        | 07/06/21                  | 2.00                   | 13.94                 | ND                    | NA                        | 6.82                    | 6,906.80                    | NA                                                | 3.7 - 13.7                                 | Chinle/Alluvial Interface                 |
| NAPIS-1        | 08/25/21                  | 2.00                   | 13.94                 | ND                    | NA                        | 6.73                    | 6,906.89                    | NA                                                | 3.7 - 13.7                                 | Chinle/Alluvial Interface                 |
| NAPIS-1        | 09/08/21                  | 2.00                   | 13.94                 | 6.79                  | 0.01                      | 6.80                    | 6,906.82                    | 6906.83                                           | 3.7 - 13.7                                 | Chinle/Alluvial Interface                 |
| NAPIS-1        | 10/27/21                  | 2.00                   | 13.94                 | 6.61                  | 0.01                      | 6.62                    | 6,907.00                    | 6907.01                                           | 3.7 - 13.7                                 | Chinle/Alluvial Interface                 |
| NAPIS-1        | 11/17/21                  | 2.00                   | 13.94                 | 6.87                  | 0.03                      | 6.90                    | 6,906.72                    | 6906.74                                           | 3.7 - 13.7                                 | Chinle/Alluvial Interface                 |
| NAPIS-1        | 12/03/21                  | 2.00                   | 13.94                 | 7.02                  | 0.02                      | 7.04                    | 6,906.58                    | 6906.60                                           | 3.7 - 13.7                                 | Chinle/Alluvial Interface                 |
| NAPIS-1        | 01/10/22                  | 2.00                   | 13.94                 | 7.06                  | 0.03                      | 7.09                    | 6,906.53                    | 6906.55                                           | 3.7 - 13.7                                 | Chinle/Alluvial Interface                 |
| NAPIS-1        | 02/28/22                  | 2.00                   | 13.94                 | 7.04                  | 0.04                      | 7.08                    | 6,906.54                    | 6906.57                                           | 3.7 - 13.7                                 | Chinle/Alluvial Interface                 |
| NAPIS-1        | 03/01/22                  | 2.00                   | 13.94                 | 7.07                  | 0.02                      | 7.09                    | 6,906.53                    | 6906.55                                           | 3.7 - 13.7                                 | Chinle/Alluvial Interface                 |
| NAPIS-1        | 04/27/22                  | 2.00                   | 13.94                 | 7.26                  | 0.05                      | 7.31                    | 6,906.31                    | 6906.35                                           | 3.7 - 13.7                                 | Chinle/Alluvial Interface                 |
| NAPIS-1        | 05/05/22                  | 2.00                   | 13.94                 | 7.27                  | 0.07                      | 7.34                    | 6,906.28                    | 6906.34                                           | 3.7 - 13.7                                 | Chinle/Alluvial Interface                 |
| NAPIS-1        | 06/01/22                  | 2.00                   | 13.94                 | 7.21                  | 0.03                      | 7.24                    | 6,906.38                    | 6906.40                                           | 3.7 - 13.7                                 | Chinle/Alluvial Interface                 |
| NAPIS-1        | 07/07/22                  | 2.00                   | 13.94                 | 7.01                  | 0.02                      | 7.03                    | 6,906.59                    | 6906.61                                           | 3.7 - 13.7                                 | Chinle/Alluvial Interface                 |
| NAPIS-1        | 08/09/22                  | 2.00                   | 13.94                 | 7.04                  | 0.02                      | 7.06                    | 6,906.56                    | 6906.58                                           | 3.7 - 13.7                                 | Chinle/Alluvial Interface                 |
| NAPIS-1        | 09/02/22                  | 2.00                   | 13.94                 | 7.20                  | 0.03                      | 7.23                    | 6,906.39                    | 6906.41                                           | 3.7 - 13.7                                 | Chinle/Alluvial Interface                 |
| NAPIS-1        | 10/05/22                  | 2.00                   | 13.94                 | 7.26                  | 0.04                      | 7.30                    | 6,906.32                    | 6906.35                                           | 3.7 - 13.7                                 | Chinle/Alluvial Interface                 |
| NAPIS-1        | 11/02/22                  | 2.00                   | 13.94                 | 7.29                  | 0.04                      | 7.33                    | 6,906.29                    | 6906.32                                           | 3.7 - 13.7                                 | Chinle/Alluvial Interface                 |
| NAPIS-1        | 12/06/22                  | 2.00                   | 13.94                 | 7.39                  | 0.05                      | 7.44                    | 6,906.18                    | 6906.22                                           | 3.7 - 13.7                                 | Chinle/Alluvial Interface                 |
| NAPIS-1        | 1/11/2023                 | 2.00                   | 13.94                 | 7.36                  | 0.07                      | 7.43                    | 6,906.19                    | 6906.25                                           | 3.7 - 13.7                                 | Chinle/Alluvial Interface                 |
| NAPIS-1        | 2/28/2023                 | 2.00                   | 13.94                 | 7.26                  | 0.05                      | 7.31                    | 6,906.31                    | 6906.35                                           | 3.7 - 13.7                                 | Chinle/Alluvial Interface                 |
| NAPIS-1        | 3/7/2023                  | 2.00                   | 13.94                 | 7.34                  | 0.06                      | 7.40                    | 6,906.22                    | 6906.27                                           | 3.7 - 13.7                                 | Chinle/Alluvial Interface                 |
| NAPIS-1        | 4/13/2023                 | 2.00                   | 13.94                 | 7.42                  | 0.11                      | 7.53                    | 6,906.09                    | 6906.18                                           | 3.7 - 13.7                                 | Chinle/Alluvial Interface                 |
| NAPIS-1        | 5/15/2023                 | 2.00                   | 13.94                 | 7.45                  | 0.01                      | 7.46                    | 6,906.16                    | 6906.17                                           | 3.7 - 13.7                                 | Chinle/Alluvial Interface                 |
| NAPIS-1        | 6/2/2023                  | 2.00                   | 13.94                 | 7.38                  | 0.06                      | 7.44                    | 6,906.18                    | 6906.23                                           | 3.7 - 13.7                                 | Chinle/Alluvial Interface                 |
| NAPIS-1        | 7/25/2023                 | 2.00                   | 13.94                 | 7.41                  | 0.05                      | 7.46                    | 6,906.16                    | 6906.20                                           | 3.7 - 13.7                                 | Chinle/Alluvial Interface                 |
| NAPIS-1        | 8/18/2023                 | 2.00                   | 13.94                 | 7.34                  | 0.06                      | 7.40                    | 6,906.22                    | 6906.27                                           | 3.7 - 13.7                                 | Chinle/Alluvial Interface                 |
| NAPIS-1        | 9/7/2023                  | 2.00                   | 13.94                 | 7.34                  | 0.02                      | 7.36                    | 6,906.26                    | 6906.28                                           | 3.7 - 13.7                                 | Chinle/Alluvial Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3B. FLUID LEVEL MEASUREMENTS FOR NON MKTF WELLS  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| NAPIS-2        | 06/03/21                  | 2.00                   | 14.74                 | ND                    | NA                        | 9.85                    | 6,903.55                    | NA                                                | 4.2 - 14.2                                 | Chinle/Alluvial Interface                 |
| NAPIS-2        | 07/06/21                  | 2.00                   | 14.74                 | ND                    | NA                        | 8.55                    | 6,904.85                    | NA                                                | 4.2 - 14.2                                 | Chinle/Alluvial Interface                 |
| NAPIS-2        | 08/25/21                  | 2.00                   | 14.74                 | ND                    | NA                        | 9.00                    | 6,904.40                    | NA                                                | 4.2 - 14.2                                 | Chinle/Alluvial Interface                 |
| NAPIS-2        | 09/08/21                  | 2.00                   | 14.74                 | ND                    | NA                        | 9.03                    | 6,904.37                    | NA                                                | 4.2 - 14.2                                 | Chinle/Alluvial Interface                 |
| NAPIS-2        | 10/27/21                  | 2.00                   | 14.74                 | ND                    | NA                        | 8.70                    | 6,904.70                    | NA                                                | 4.2 - 14.2                                 | Chinle/Alluvial Interface                 |
| NAPIS-2        | 11/17/21                  | 2.00                   | 14.74                 | ND                    | NA                        | 9.08                    | 6,904.32                    | NA                                                | 4.2 - 14.2                                 | Chinle/Alluvial Interface                 |
| NAPIS-2        | 12/13/21                  | 2.00                   | 14.39                 | ND                    | NA                        | 9.19                    | 6,904.21                    | NA                                                | 4.2 - 14.2                                 | Chinle/Alluvial Interface                 |
| NAPIS-2        | 01/10/22                  | 2.00                   | 14.39                 | ND                    | NA                        | 9.30                    | 6,904.10                    | NA                                                | 4.2 - 14.2                                 | Chinle/Alluvial Interface                 |
| NAPIS-2        | 02/28/22                  | 2.00                   | 14.39                 | ND                    | NA                        | 9.29                    | 6,904.11                    | NA                                                | 4.2 - 14.2                                 | Chinle/Alluvial Interface                 |
| NAPIS-2        | 03/01/22                  | 2.00                   | 14.40                 | ND                    | NA                        | 9.15                    | 6,904.25                    | NA                                                | 4.2 - 14.2                                 | Chinle/Alluvial Interface                 |
| NAPIS-2        | 04/27/22                  | 2.00                   | 14.40                 | ND                    | NA                        | 9.81                    | 6,903.59                    | NA                                                | 4.2 - 14.2                                 | Chinle/Alluvial Interface                 |
| NAPIS-2        | 05/05/22                  | 2.00                   | 14.40                 | ND                    | NA                        | 10.00                   | 6,903.40                    | NA                                                | 4.2 - 14.2                                 | Chinle/Alluvial Interface                 |
| NAPIS-2        | 06/01/22                  | 2.00                   | 14.65                 | ND                    | NA                        | 10.80                   | 6,902.60                    | NA                                                | 4.2 - 14.2                                 | Chinle/Alluvial Interface                 |
| NAPIS-2        | 07/07/22                  | 2.00                   | 14.90                 | ND                    | NA                        | 10.85                   | 6,902.55                    | NA                                                | 4.2 - 14.2                                 | Chinle/Alluvial Interface                 |
| NAPIS-2        | 08/09/22                  | 2.00                   | 15.15                 | ND                    | NA                        | 10.98                   | 6,902.42                    | NA                                                | 4.2 - 14.2                                 | Chinle/Alluvial Interface                 |
| NAPIS-2        | 09/02/22                  | 2.00                   | 15.40                 | ND                    | NA                        | 10.60                   | 6,902.80                    | NA                                                | 4.2 - 14.2                                 | Chinle/Alluvial Interface                 |
| NAPIS-2        | 10/05/22                  | 2.00                   | 15.65                 | ND                    | NA                        | 10.65                   | 6,902.75                    | NA                                                | 4.2 - 14.2                                 | Chinle/Alluvial Interface                 |
| NAPIS-2        | 11/02/22                  | 2.00                   | 15.90                 | ND                    | NA                        | 10.68                   | 6,902.72                    | NA                                                | 4.2 - 14.2                                 | Chinle/Alluvial Interface                 |
| NAPIS-2        | 12/14/22                  | 2.00                   | 16.15                 | ND                    | NA                        | 10.68                   | 6,902.72                    | NA                                                | 4.2 - 14.2                                 | Chinle/Alluvial Interface                 |
| NAPIS-2        | 01/11/23                  | 2.00                   | 15.65                 | ND                    | NA                        | 10.65                   | 6,902.75                    | NA                                                | 4.2 - 14.2                                 | Chinle/Alluvial Interface                 |
| NAPIS-2        | 02/28/23                  | 2.00                   | 15.90                 | ND                    | NA                        | 10.55                   | 6,902.85                    | NA                                                | 4.2 - 14.2                                 | Chinle/Alluvial Interface                 |
| NAPIS-2        | 03/07/23                  | 2.00                   | 16.15                 | ND                    | NA                        | 9.96                    | 6,903.44                    | NA                                                | 4.2 - 14.2                                 | Chinle/Alluvial Interface                 |
| NAPIS-2        | 04/13/23                  | 2.00                   | 15.65                 | ND                    | NA                        | 9.94                    | 6,903.46                    | NA                                                | 4.2 - 14.2                                 | Chinle/Alluvial Interface                 |
| NAPIS-2        | 05/15/23                  | 2.00                   | 15.90                 | ND                    | NA                        | 10.20                   | 6,903.20                    | NA                                                | 4.2 - 14.2                                 | Chinle/Alluvial Interface                 |
| NAPIS-2        | 06/02/23                  | 2.00                   | 16.15                 | ND                    | NA                        | 10.98                   | 6,902.42                    | NA                                                | 4.2 - 14.2                                 | Chinle/Alluvial Interface                 |
| NAPIS-2        | 07/25/01                  | 2.00                   | 15.65                 | ND                    | NA                        | 11.03                   | 6,902.37                    | NA                                                | 4.2 - 14.2                                 | Chinle/Alluvial Interface                 |
| NAPIS-2        | 08/18/23                  | 2.00                   | 15.90                 | ND                    | NA                        | 10.96                   | 6,902.44                    | NA                                                | 4.2 - 14.2                                 | Chinle/Alluvial Interface                 |
| NAPIS-2        | 09/07/23                  | 2.00                   | 16.15                 | ND                    | NA                        | 10.90                   | 6,902.50                    | NA                                                | 4.2 - 14.2                                 | Chinle/Alluvial Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |



**TABLE 3B. FLUID LEVEL MEASUREMENTS FOR NON MKTF WELLS  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| NAPIS-3        | 06/03/21                  | 2.00                   | 31.50                 | ND                    | NA                        | 9.93                    | 6,903.45                    | NA                                                | 25.4 - 30.4                                | Chinle/Alluvial Interface                 |
| NAPIS-3        | 07/06/21                  | 2.00                   | 31.50                 | ND                    | NA                        | 8.37                    | 6,905.01                    | NA                                                | 25.4 - 30.4                                | Chinle/Alluvial Interface                 |
| NAPIS-3        | 08/25/21                  | 2.00                   | 31.50                 | ND                    | NA                        | 8.72                    | 6,904.66                    | NA                                                | 25.4 - 30.4                                | Chinle/Alluvial Interface                 |
| NAPIS-3        | 09/08/21                  | 2.00                   | 31.50                 | ND                    | NA                        | 8.77                    | 6,904.61                    | NA                                                | 25.4 - 30.4                                | Chinle/Alluvial Interface                 |
| NAPIS-3        | 10/27/21                  | 2.00                   | 31.50                 | ND                    | NA                        | 8.58                    | 6,904.80                    | NA                                                | 25.4 - 30.4                                | Chinle/Alluvial Interface                 |
| NAPIS-3        | 11/17/21                  | 2.00                   | 31.50                 | ND                    | NA                        | 8.75                    | 6,904.63                    | NA                                                | 25.4 - 30.4                                | Chinle/Alluvial Interface                 |
| NAPIS-3        | 12/13/21                  | 2.00                   | 31.50                 | ND                    | NA                        | 8.85                    | 6,904.53                    | NA                                                | 25.4 - 30.4                                | Chinle/Alluvial Interface                 |
| NAPIS-3        | 01/10/22                  | 2.00                   | 31.50                 | ND                    | NA                        | 8.92                    | 6,904.46                    | NA                                                | 25.4 - 30.4                                | Chinle/Alluvial Interface                 |
| NAPIS-3        | 02/28/22                  | 2.00                   | 31.50                 | ND                    | NA                        | 8.62                    | 6,904.76                    | NA                                                | 25.4 - 30.4                                | Chinle/Alluvial Interface                 |
| NAPIS-3        | 03/01/22                  | 2.00                   | 31.50                 | ND                    | NA                        | 8.80                    | 6,904.58                    | NA                                                | 25.4 - 30.4                                | Chinle/Alluvial Interface                 |
| NAPIS-3        | 04/27/22                  | 2.00                   | 31.50                 | ND                    | NA                        | 8.97                    | 6,904.41                    | NA                                                | 25.4 - 30.4                                | Chinle/Alluvial Interface                 |
| NAPIS-3        | 05/05/22                  | 2.00                   | 31.50                 | ND                    | NA                        | 9.04                    | 6,904.34                    | NA                                                | 25.4 - 30.4                                | Chinle/Alluvial Interface                 |
| NAPIS-3        | 06/01/22                  | 2.00                   | 31.50                 | ND                    | NA                        | 10.63                   | 6,902.75                    | NA                                                | 25.4 - 30.4                                | Chinle/Alluvial Interface                 |
| NAPIS-3        | 07/07/22                  | 2.00                   | 31.50                 | ND                    | NA                        | 10.65                   | 6,902.73                    | NA                                                | 25.4 - 30.4                                | Chinle/Alluvial Interface                 |
| NAPIS-3        | 08/09/22                  | 2.00                   | 31.50                 | ND                    | NA                        | 10.60                   | 6,902.78                    | NA                                                | 25.4 - 30.4                                | Chinle/Alluvial Interface                 |
| NAPIS-3        | 09/02/22                  | 2.00                   | 31.50                 | ND                    | NA                        | 10.37                   | 6,903.01                    | NA                                                | 25.4 - 30.4                                | Chinle/Alluvial Interface                 |
| NAPIS-3        | 10/05/22                  | 2.00                   | 31.50                 | ND                    | NA                        | 10.34                   | 6,903.04                    | NA                                                | 25.4 - 30.4                                | Chinle/Alluvial Interface                 |
| NAPIS-3        | 11/02/22                  | 2.00                   | 31.50                 | ND                    | NA                        | 10.42                   | 6,902.96                    | NA                                                | 25.4 - 30.4                                | Chinle/Alluvial Interface                 |
| NAPIS-3        | 12/14/22                  | 2.00                   | 31.50                 | ND                    | NA                        | 10.48                   | 6,902.90                    | NA                                                | 25.4 - 30.4                                | Chinle/Alluvial Interface                 |
| NAPIS-3        | 01/11/23                  | 2.00                   | 31.50                 | ND                    | NA                        | 10.46                   | 6,902.92                    | NA                                                | 25.4 - 30.4                                | Chinle/Alluvial Interface                 |
| NAPIS-3        | 02/28/23                  | 2.00                   | 31.50                 | ND                    | NA                        | 10.20                   | 6,903.18                    | NA                                                | 25.4 - 30.4                                | Chinle/Alluvial Interface                 |
| NAPIS-3        | 03/07/23                  | 2.00                   | 31.50                 | ND                    | NA                        | 9.62                    | 6,903.76                    | NA                                                | 25.4 - 30.4                                | Chinle/Alluvial Interface                 |
| NAPIS-3        | 04/13/23                  | 2.00                   | 31.50                 | ND                    | NA                        | 9.67                    | 6,903.71                    | NA                                                | 25.4 - 30.4                                | Chinle/Alluvial Interface                 |
| NAPIS-3        | 05/15/23                  | 2.00                   | 31.50                 | ND                    | NA                        | 9.77                    | 6,903.61                    | NA                                                | 25.4 - 30.4                                | Chinle/Alluvial Interface                 |
| NAPIS-3        | 06/02/23                  | 2.00                   | 31.50                 | ND                    | NA                        | 9.82                    | 6,903.56                    | NA                                                | 25.4 - 30.4                                | Chinle/Alluvial Interface                 |
| NAPIS-3        | 07/25/23                  | 2.00                   | 31.50                 | ND                    | NA                        | 9.92                    | 6,903.46                    | NA                                                | 25.4 - 30.4                                | Chinle/Alluvial Interface                 |
| NAPIS-3        | 08/18/23                  | 2.00                   | 31.50                 | ND                    | NA                        | 9.89                    | 6,903.49                    | NA                                                | 25.4 - 30.4                                | Chinle/Alluvial Interface                 |
| NAPIS-3        | 09/07/23                  | 2.00                   | 31.50                 | ND                    | NA                        | 9.87                    | 6,903.51                    | NA                                                | 25.4 - 30.4                                | Chinle/Alluvial Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3B. FLUID LEVEL MEASUREMENTS FOR NON MKTF WELLS  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| OAPIS-1        | 06/03/21                  | 2.00                   | 28.00                 | ND                    | NA                        | 10.72                   | 6,903.65                    | NA                                                | 16 - 26                                    | Chinle/Alluvial Interface                 |
| OAPIS-1        | 07/06/21                  | 2.00                   | 28.00                 | ND                    | NA                        | 10.09                   | 6,904.28                    | NA                                                | 16 - 26                                    | Chinle/Alluvial Interface                 |
| OAPIS-1        | 08/25/21                  | 2.00                   | 28.00                 | ND                    | NA                        | 9.14                    | 6,905.23                    | NA                                                | 16 - 26                                    | Chinle/Alluvial Interface                 |
| OAPIS-1        | 09/08/21                  | 2.00                   | 28.00                 | ND                    | NA                        | 9.34                    | 6,905.03                    | NA                                                | 16 - 26                                    | Chinle/Alluvial Interface                 |
| OAPIS-1        | 10/27/21                  | 2.00                   | 28.00                 | ND                    | NA                        | 9.57                    | 6,904.80                    | NA                                                | 16 - 26                                    | Chinle/Alluvial Interface                 |
| OAPIS-1        | 11/17/21                  | 2.00                   | 28.00                 | ND                    | NA                        | 9.78                    | 6,904.59                    | NA                                                | 16 - 26                                    | Chinle/Alluvial Interface                 |
| OAPIS-1        | 12/13/21                  | 2.00                   | 28.00                 | ND                    | NA                        | 9.85                    | 6,904.52                    | NA                                                | 16 - 26                                    | Chinle/Alluvial Interface                 |
| OAPIS-1        | 01/10/22                  | 2.00                   | 28.00                 | ND                    | NA                        | 9.84                    | 6,904.53                    | NA                                                | 16 - 26                                    | Chinle/Alluvial Interface                 |
| OAPIS-1        | 02/28/22                  | 2.00                   | 28.00                 | ND                    | NA                        | 9.80                    | 6,904.57                    | NA                                                | 16 - 26                                    | Chinle/Alluvial Interface                 |
| OAPIS-1        | 03/01/22                  | 2.00                   | 28.00                 | ND                    | NA                        | 9.83                    | 6,904.54                    | NA                                                | 16 - 26                                    | Chinle/Alluvial Interface                 |
| OAPIS-1        | 04/27/22                  | 2.00                   | 28.00                 | ND                    | NA                        | 9.86                    | 6,904.51                    | NA                                                | 16 - 26                                    | Chinle/Alluvial Interface                 |
| OAPIS-1        | 05/05/22                  | 2.00                   | 28.00                 | ND                    | NA                        | 10.05                   | 6,904.32                    | NA                                                | 16 - 26                                    | Chinle/Alluvial Interface                 |
| OAPIS-1        | 06/01/22                  | 2.00                   | 28.00                 | ND                    | NA                        | 10.42                   | 6,903.95                    | NA                                                | 16 - 26                                    | Chinle/Alluvial Interface                 |
| OAPIS-1        | 07/07/22                  | 2.00                   | 28.00                 | ND                    | NA                        | 10.80                   | 6,903.57                    | NA                                                | 16 - 26                                    | Chinle/Alluvial Interface                 |
| OAPIS-1        | 08/09/22                  | 2.00                   | 28.00                 | ND                    | NA                        | 10.84                   | 6,903.53                    | NA                                                | 16 - 26                                    | Chinle/Alluvial Interface                 |
| OAPIS-1        | 09/02/22                  | 2.00                   | 28.00                 | ND                    | NA                        | 10.04                   | 6,904.33                    | NA                                                | 16 - 26                                    | Chinle/Alluvial Interface                 |
| OAPIS-1        | 10/05/22                  | 2.00                   | 28.00                 | ND                    | NA                        | 10.00                   | 6,904.37                    | NA                                                | 16 - 26                                    | Chinle/Alluvial Interface                 |
| OAPIS-1        | 11/03/22                  | 2.00                   | 28.00                 | ND                    | NA                        | 10.13                   | 6,904.24                    | NA                                                | 16 - 26                                    | Chinle/Alluvial Interface                 |
| OAPIS-1        | 12/15/22                  | 2.00                   | 28.00                 | ND                    | NA                        | 10.16                   | 6,904.21                    | NA                                                | 16 - 26                                    | Chinle/Alluvial Interface                 |
| OAPIS-1        | 01/11/23                  | 2.00                   | 28.00                 | ND                    | NA                        | 10.14                   | 6,904.23                    | NA                                                | 16 - 26                                    | Chinle/Alluvial Interface                 |
| OAPIS-1        | 02/27/23                  | 2.00                   | 28.00                 | ND                    | NA                        | 10.26                   | 6,904.11                    | NA                                                | 16 - 26                                    | Chinle/Alluvial Interface                 |
| OAPIS-1        | 03/07/23                  | 2.00                   | 28.00                 | ND                    | NA                        | 10.74                   | 6,903.63                    | NA                                                | 16 - 26                                    | Chinle/Alluvial Interface                 |
| OAPIS-1        | 04/13/23                  | 2.00                   | 28.00                 | ND                    | NA                        | 10.60                   | 6,903.77                    | NA                                                | 16 - 26                                    | Chinle/Alluvial Interface                 |
| OAPIS-1        | 05/15/23                  | 2.00                   | 28.00                 | ND                    | NA                        | 10.67                   | 6,903.70                    | NA                                                | 16 - 26                                    | Chinle/Alluvial Interface                 |
| OAPIS-1        | 06/02/23                  | 2.00                   | 28.00                 | ND                    | NA                        | 10.19                   | 6,904.18                    | NA                                                | 16 - 26                                    | Chinle/Alluvial Interface                 |
| OAPIS-1        | 07/25/23                  | 2.00                   | 28.00                 | ND                    | NA                        | 10.22                   | 6,904.15                    | NA                                                | 16 - 26                                    | Chinle/Alluvial Interface                 |
| OAPIS-1        | 08/23/23                  | 2.00                   | 28.00                 | ND                    | NA                        | 10.14                   | 6,904.23                    | NA                                                | 16 - 26                                    | Chinle/Alluvial Interface                 |
| OAPIS-1        | 09/07/23                  | 2.00                   | 28.00                 | ND                    | NA                        | 10.12                   | 6,904.25                    | NA                                                | 16 - 26                                    | Chinle/Alluvial Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3B. FLUID LEVEL MEASUREMENTS FOR NON MKTF WELLS  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| OW-57          | 06/02/21                  | 2.00                   | 27.19                 | ND                    | NA                        | 21.24                   | 6,913.47                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| OW-57          | 07/06/21                  | 2.00                   | 27.19                 | ND                    | NA                        | 20.04                   | 6,914.67                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| OW-57          | 08/25/21                  | 2.00                   | 27.19                 | ND                    | NA                        | 21.73                   | 6,912.98                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| OW-57          | 09/09/21                  | 2.00                   | 27.40                 | ND                    | NA                        | 21.91                   | 6,912.80                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| OW-57          | 10/27/21                  | 2.00                   | 27.40                 | ND                    | NA                        | 21.91                   | 6,912.80                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| OW-57          | 11/17/21                  | 2.00                   | 27.40                 | ND                    | NA                        | 21.42                   | 6,913.29                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| OW-57          | 12/13/21                  | 2.00                   | 28.08                 | ND                    | NA                        | 21.96                   | 6,912.75                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| OW-57          | 01/10/22                  | 2.00                   | 28.08                 | ND                    | NA                        | 21.84                   | 6,912.87                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| OW-57          | 02/28/22                  | 2.00                   | 28.08                 | ND                    | NA                        | 21.82                   | 6,912.89                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| OW-57          | 03/01/22                  | 2.00                   | 28.08                 | ND                    | NA                        | 22.01                   | 6,912.70                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| OW-57          | 04/27/22                  | 2.00                   | 28.08                 | ND                    | NA                        | 22.36                   | 6,912.35                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| OW-57          | 05/05/22                  | 2.00                   | 28.08                 | ND                    | NA                        | 22.43                   | 6,912.28                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| OW-57          | 06/01/22                  | 2.00                   | 28.08                 | ND                    | NA                        | 22.56                   | 6,912.15                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| OW-57          | 07/07/22                  | 2.00                   | 28.08                 | ND                    | NA                        | 22.25                   | 6,912.46                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| OW-57          | 08/09/22                  | 2.00                   | 28.08                 | ND                    | NA                        | 22.16                   | 6,912.55                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| OW-57          | 09/02/22                  | 2.00                   | 28.08                 | ND                    | NA                        | 22.86                   | 6,911.85                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| OW-57          | 10/04/22                  | 2.00                   | 28.08                 | ND                    | NA                        | 22.84                   | 6,911.87                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| OW-57          | 11/03/22                  | 2.00                   | 28.08                 | ND                    | NA                        | 22.76                   | 6,911.95                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| OW-57          | 12/07/22                  | 2.00                   | 28.08                 | ND                    | NA                        | 23.14                   | 6,911.57                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| OW-57          | 01/11/23                  | 2.00                   | 28.08                 | ND                    | NA                        | 23.16                   | 6,911.55                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| OW-57          | 02/28/23                  | 2.00                   | 28.08                 | ND                    | NA                        | 23.01                   | 6,911.70                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| OW-57          | 03/07/23                  | 2.00                   | 28.08                 | ND                    | NA                        | 23.53                   | 6,911.18                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| OW-57          | 04/13/23                  | 2.00                   | 28.08                 | ND                    | NA                        | 23.47                   | 6,911.24                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| OW-57          | 05/16/23                  | 2.00                   | 28.08                 | ND                    | NA                        | 23.72                   | 6,910.99                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| OW-57          | 06/02/23                  | 2.00                   | 28.08                 | ND                    | NA                        | 23.68                   | 6,911.03                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| OW-57          | 07/25/23                  | 2.00                   | 28.08                 | ND                    | NA                        | 23.54                   | 6,911.17                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| OW-57          | 08/23/23                  | 2.00                   | 28.08                 | ND                    | NA                        | 23.62                   | 6,911.09                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| OW-57          | 09/07/23                  | 2.00                   | 28.08                 | ND                    | NA                        | 23.61                   | 6,911.10                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3B. FLUID LEVEL MEASUREMENTS FOR NON MKTF WELLS  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| OW-58          | 04/26/21                  | 2.00                   | 47.95                 | ND                    | NA                        | 25.04                   | 6,909.67                    | NA                                                | 38 - 48                                    | Chinle/Alluvial Interface                 |
| OW-58          | 05/20/21                  | 2.00                   | 47.95                 | ND                    | NA                        | 23.54                   | 6,911.17                    | NA                                                | 38 - 48                                    | Chinle/Alluvial Interface                 |
| OW-58          | 06/02/21                  | 2.00                   | 47.95                 | ND                    | NA                        | 24.84                   | 6,909.87                    | NA                                                | 38 - 48                                    | Chinle/Alluvial Interface                 |
| OW-58          | 07/06/21                  | 2.00                   | 47.95                 | ND                    | NA                        | 24.98                   | 6,909.73                    | NA                                                | 38 - 48                                    | Chinle/Alluvial Interface                 |
| OW-58          | 08/25/21                  | 2.00                   | 47.95                 | ND                    | NA                        | 25.31                   | 6,909.40                    | NA                                                | 38 - 48                                    | Chinle/Alluvial Interface                 |
| OW-58          | 09/09/21                  | 2.00                   | 47.95                 | ND                    | NA                        | 25.41                   | 6,909.30                    | NA                                                | 38 - 48                                    | Chinle/Alluvial Interface                 |
| OW-58          | 10/27/21                  | 2.00                   | 47.95                 | ND                    | NA                        | 25.51                   | 6,909.20                    | NA                                                | 38 - 48                                    | Chinle/Alluvial Interface                 |
| OW-58          | 11/17/21                  | 2.00                   | 47.95                 | ND                    | NA                        | 25.41                   | 6,909.30                    | NA                                                | 38 - 48                                    | Chinle/Alluvial Interface                 |
| OW-58          | 12/13/21                  | 2.00                   | 47.95                 | ND                    | NA                        | 25.42                   | 6,909.29                    | NA                                                | 38 - 48                                    | Chinle/Alluvial Interface                 |
| OW-58          | 01/10/22                  | 2.00                   | 47.95                 | ND                    | NA                        | 25.18                   | 6,909.53                    | NA                                                | 38 - 48                                    | Chinle/Alluvial Interface                 |
| OW-58          | 02/28/22                  | 2.00                   | 47.95                 | ND                    | NA                        | 25.21                   | 6,909.50                    | NA                                                | 38 - 48                                    | Chinle/Alluvial Interface                 |
| OW-58          | 03/01/22                  | 2.00                   | 47.95                 | ND                    | NA                        | 25.51                   | 6,909.20                    | NA                                                | 38 - 48                                    | Chinle/Alluvial Interface                 |
| OW-58          | 04/27/22                  | 2.00                   | 47.95                 | ND                    | NA                        | 25.65                   | 6,909.06                    | NA                                                | 38 - 48                                    | Chinle/Alluvial Interface                 |
| OW-58          | 05/05/22                  | 2.00                   | 47.95                 | ND                    | NA                        | 25.82                   | 6,908.89                    | NA                                                | 38 - 48                                    | Chinle/Alluvial Interface                 |
| OW-58          | 06/01/22                  | 2.00                   | 47.95                 | ND                    | NA                        | 26.01                   | 6,908.70                    | NA                                                | 38 - 48                                    | Chinle/Alluvial Interface                 |
| OW-58          | 07/07/22                  | 2.00                   | 47.95                 | ND                    | NA                        | 24.64                   | 6,910.07                    | NA                                                | 38 - 48                                    | Chinle/Alluvial Interface                 |
| OW-58          | 08/09/22                  | 2.00                   | 47.95                 | ND                    | NA                        | 25.52                   | 6,909.19                    | NA                                                | 38 - 48                                    | Chinle/Alluvial Interface                 |
| OW-58          | 09/02/22                  | 2.00                   | 47.95                 | ND                    | NA                        | 26.06                   | 6,908.65                    | NA                                                | 38 - 48                                    | Chinle/Alluvial Interface                 |
| OW-58          | 10/04/22                  | 2.00                   | 47.95                 | ND                    | NA                        | 26.13                   | 6,908.58                    | NA                                                | 38 - 48                                    | Chinle/Alluvial Interface                 |
| OW-58          | 11/03/22                  | 2.00                   | 47.95                 | ND                    | NA                        | 26.19                   | 6,908.52                    | NA                                                | 38 - 48                                    | Chinle/Alluvial Interface                 |
| OW-58          | 12/06/22                  | 2.00                   | 47.95                 | ND                    | NA                        | 26.26                   | 6,908.45                    | NA                                                | 38 - 48                                    | Chinle/Alluvial Interface                 |
| OW-58          | 01/11/23                  | 2.00                   | 47.95                 | ND                    | NA                        | 26.30                   | 6,908.41                    | NA                                                | 38 - 48                                    | Chinle/Alluvial Interface                 |
| OW-58          | 02/28/23                  | 2.00                   | 47.95                 | ND                    | NA                        | 26.01                   | 6,908.70                    | NA                                                | 38 - 48                                    | Chinle/Alluvial Interface                 |
| OW-58          | 03/07/23                  | 2.00                   | 47.95                 | ND                    | NA                        | 27.05                   | 6,907.66                    | NA                                                | 38 - 48                                    | Chinle/Alluvial Interface                 |
| OW-58          | 04/13/23                  | 2.00                   | 47.95                 | ND                    | NA                        | 27.11                   | 6,907.60                    | NA                                                | 38 - 48                                    | Chinle/Alluvial Interface                 |
| OW-58          | 05/16/23                  | 2.00                   | 47.95                 | ND                    | NA                        | 27.16                   | 6,907.55                    | NA                                                | 38 - 48                                    | Chinle/Alluvial Interface                 |
| OW-58          | 06/02/23                  | 2.00                   | 47.95                 | ND                    | NA                        | 27.26                   | 6,907.45                    | NA                                                | 38 - 48                                    | Chinle/Alluvial Interface                 |
| OW-58          | 07/25/23                  | 2.00                   | 47.95                 | ND                    | NA                        | 27.10                   | 6,907.61                    | NA                                                | 38 - 48                                    | Chinle/Alluvial Interface                 |
| OW-58          | 08/21/23                  | 2.00                   | 47.95                 | ND                    | NA                        | 27.16                   | 6,907.55                    | NA                                                | 38 - 48                                    | Chinle/Alluvial Interface                 |
| OW-58          | 09/07/23                  | 2.00                   | 47.95                 | ND                    | NA                        | 27.11                   | 6,907.60                    | NA                                                | 38 - 48                                    | Chinle/Alluvial Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |



**TABLE 3B. FLUID LEVEL MEASUREMENTS FOR NON MKTF WELLS  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| OW-58A         | 04/26/21                  | 4.00                   | 36.74                 | ND                    | NA                        | 24.11                   | 6,909.28                    | NA                                                | 13 - 33                                    | Chinle/Alluvial Interface                 |
| OW-58A         | 05/20/21                  | 4.00                   | 36.86                 | ND                    | NA                        | 23.41                   | 6,909.98                    | NA                                                | 25 - 33                                    | Chinle/Alluvial Interface                 |
| OW-58A         | 06/02/21                  | 4.00                   | 36.86                 | ND                    | NA                        | 23.73                   | 6,909.66                    | NA                                                | 25 - 33                                    | Chinle/Alluvial Interface                 |
| OW-58A         | 07/06/21                  | 4.00                   | 36.86                 | ND                    | NA                        | 24.02                   | 6,909.37                    | NA                                                | 25 - 33                                    | Chinle/Alluvial Interface                 |
| OW-58A         | 08/25/21                  | 4.00                   | 36.86                 | ND                    | NA                        | 24.53                   | 6,908.86                    | NA                                                | 25 - 33                                    | Chinle/Alluvial Interface                 |
| OW-58A         | 09/09/21                  | 4.00                   | 36.40                 | ND                    | NA                        | 24.70                   | 6,908.69                    | NA                                                | 25 - 33                                    | Chinle/Alluvial Interface                 |
| OW-58A         | 10/27/21                  | 4.00                   | 36.40                 | ND                    | NA                        | 24.80                   | 6,908.59                    | NA                                                | 25 - 33                                    | Chinle/Alluvial Interface                 |
| OW-58A         | 11/17/21                  | 4.00                   | 36.40                 | ND                    | NA                        | 24.72                   | 6,908.67                    | NA                                                | 25 - 33                                    | Chinle/Alluvial Interface                 |
| OW-58A         | 12/13/21                  | 4.00                   | 36.40                 | ND                    | NA                        | 24.65                   | 6,908.74                    | NA                                                | 25 - 33                                    | Chinle/Alluvial Interface                 |
| OW-58A         | 01/10/22                  | 4.00                   | 36.40                 | ND                    | NA                        | 24.43                   | 6,908.96                    | NA                                                | 25 - 33                                    | Chinle/Alluvial Interface                 |
| OW-58A         | 02/28/22                  | 4.00                   | 36.40                 | ND                    | NA                        | 24.40                   | 6,908.99                    | NA                                                | 25 - 33                                    | Chinle/Alluvial Interface                 |
| OW-58A         | 03/01/22                  | 4.00                   | 36.35                 | ND                    | NA                        | 24.60                   | 6,908.79                    | NA                                                | 25 - 33                                    | Chinle/Alluvial Interface                 |
| OW-58A         | 04/27/22                  | 4.00                   | 36.35                 | ND                    | NA                        | 25.24                   | 6,908.15                    | NA                                                | 25 - 33                                    | Chinle/Alluvial Interface                 |
| OW-58A         | 05/05/22                  | 4.00                   | 36.35                 | ND                    | NA                        | 25.23                   | 6,908.16                    | NA                                                | 25 - 33                                    | Chinle/Alluvial Interface                 |
| OW-58A         | 06/01/22                  | 4.00                   | 36.35                 | ND                    | NA                        | 25.30                   | 6,908.09                    | NA                                                | 25 - 33                                    | Chinle/Alluvial Interface                 |
| OW-58A         | 07/07/22                  | 4.00                   | 36.35                 | ND                    | NA                        | 23.30                   | 6,910.09                    | NA                                                | 25 - 33                                    | Chinle/Alluvial Interface                 |
| OW-58A         | 08/09/22                  | 4.00                   | 36.35                 | ND                    | NA                        | 23.43                   | 6,909.96                    | NA                                                | 25 - 33                                    | Chinle/Alluvial Interface                 |
| OW-58A         | 09/02/22                  | 4.00                   | 36.35                 | ND                    | NA                        | 25.30                   | 6,908.09                    | NA                                                | 25 - 33                                    | Chinle/Alluvial Interface                 |
| OW-58A         | 10/04/22                  | 4.00                   | 36.35                 | ND                    | NA                        | 25.27                   | 6,908.12                    | NA                                                | 25 - 33                                    | Chinle/Alluvial Interface                 |
| OW-58A         | 11/03/22                  | 4.00                   | 36.35                 | ND                    | NA                        | 25.05                   | 6,908.34                    | NA                                                | 25 - 33                                    | Chinle/Alluvial Interface                 |
| OW-58A         | 12/16/22                  | 4.00                   | 36.35                 | 25.65                 | 1.36                      | 27.01                   | 6,906.38                    | 6907.47                                           | 25 - 33                                    | Chinle/Alluvial Interface                 |
| OW-58A         | 01/11/23                  | 4.00                   | 36.35                 | 25.67                 | 1.35                      | 27.02                   | 6,906.37                    | 6907.45                                           | 25 - 33                                    | Chinle/Alluvial Interface                 |
| OW-58A         | 02/28/23                  | 4.00                   | 36.35                 | 25.53                 | 1.20                      | 26.73                   | 6,906.66                    | 6907.62                                           | 25 - 33                                    | Chinle/Alluvial Interface                 |
| OW-58A         | 03/07/23                  | 4.00                   | 36.35                 | 24.75                 | 6.15                      | 30.90                   | 6,902.49                    | 6907.41                                           | 25 - 33                                    | Chinle/Alluvial Interface                 |
| OW-58A         | 04/13/23                  | 4.00                   | 36.35                 | 24.55                 | 6.60                      | 31.15                   | 6,902.24                    | 6907.52                                           | 25 - 33                                    | Chinle/Alluvial Interface                 |
| OW-58A         | 05/16/23                  | 4.00                   | 36.35                 | 25.00                 | 5.64                      | 30.64                   | 6,902.75                    | 6907.26                                           | 25 - 33                                    | Chinle/Alluvial Interface                 |
| OW-58A         | 06/02/23                  | 4.00                   | 36.35                 | 25.03                 | 5.82                      | 30.85                   | 6,902.54                    | 6907.20                                           | 25 - 33                                    | Chinle/Alluvial Interface                 |
| OW-58A         | 07/25/23                  | 4.00                   | 36.35                 | 25.55                 | 5.35                      | 30.90                   | 6,902.49                    | 6906.77                                           | 25 - 33                                    | Chinle/Alluvial Interface                 |
| OW-58A         | 08/21/23                  | 4.00                   | 36.35                 | 25.60                 | 7.20                      | 32.80                   | 6,900.59                    | 6906.35                                           | 25 - 33                                    | Chinle/Alluvial Interface                 |
| OW-58A         | 09/06/23                  | 4.00                   | 36.35                 | 25.54                 | 7.22                      | 32.76                   | 6,900.63                    | 6906.41                                           | 25 - 33                                    | Chinle/Alluvial Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3B. FLUID LEVEL MEASUREMENTS FOR NON MKTF WELLS  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| OW-61          | 04/26/21                  | 4.00                   | 33.87                 | 16.34                 | 2.50                      | 18.84                   | 6,940.45                    | 6942.45                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-61          | 05/20/21                  | 4.00                   | 34.89                 | 16.52                 | 2.84                      | 19.36                   | 6,939.93                    | 6942.20                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-61          | 06/02/21                  | 4.00                   | 34.89                 | 16.03                 | 2.27                      | 18.30                   | 6,940.99                    | 6942.81                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-61          | 07/06/21                  | 4.00                   | 34.89                 | 17.09                 | 3.24                      | 20.33                   | 6,938.96                    | 6941.55                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-61          | 08/04/21                  | 4.00                   | 34.89                 | 17.30                 | 3.40                      | 20.70                   | 6,938.59                    | 6941.31                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-61          | 09/07/21                  | 4.00                   | 34.87                 | 17.77                 | 3.42                      | 21.19                   | 6,938.10                    | 6940.84                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-61          | 10/27/21                  | 4.00                   | 34.87                 | 18.96                 | 0.55                      | 19.51                   | 6,939.78                    | 6940.22                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-61          | 11/15/21                  | 4.00                   | 34.87                 | 19.16                 | 0.64                      | 19.80                   | 6,939.49                    | 6940.00                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-61          | 12/03/21                  | 4.00                   | 34.87                 | 19.10                 | 0.69                      | 19.79                   | 6,939.50                    | 6940.05                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-61          | 01/10/22                  | 4.00                   | 34.87                 | 20.39                 | 0.22                      | 20.61                   | 6,938.68                    | 6938.86                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-61          | 02/28/22                  | 4.00                   | 34.87                 | 20.43                 | 0.18                      | 20.61                   | 6,938.68                    | 6938.82                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-61          | 03/02/22                  | 4.00                   | 34.87                 | 19.11                 | 0.70                      | 19.81                   | 6,939.48                    | 6940.04                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-61          | 04/27/22                  | 4.00                   | 34.87                 | 19.54                 | 0.92                      | 20.46                   | 6,938.83                    | 6939.57                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-61          | 05/09/22                  | 4.00                   | 34.87                 | 21.91                 | 0.62                      | 22.53                   | 6,936.76                    | 6937.26                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-61          | 06/01/22                  | 4.00                   | 34.87                 | 22.09                 | 0.71                      | 22.80                   | 6,936.49                    | 6937.06                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-61          | 07/07/22                  | 4.00                   | 34.87                 | 22.05                 | 1.29                      | 23.34                   | 6,935.95                    | 6936.98                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-61          | 08/09/22                  | 4.00                   | 34.87                 | 21.83                 | 1.35                      | 23.18                   | 6,936.11                    | 6937.19                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-61          | 09/02/22                  | 4.00                   | 34.87                 | 21.73                 | 1.46                      | 23.19                   | 6,936.10                    | 6937.27                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-61          | 10/04/22                  | 4.00                   | 34.87                 | 21.64                 | 1.56                      | 23.20                   | 6,936.09                    | 6937.34                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-61          | 11/03/22                  | 4.00                   | 34.87                 | 21.41                 | 1.79                      | 23.20                   | 6,936.09                    | 6937.52                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-61          | 12/06/22                  | 4.00                   | 34.87                 | 22.39                 | 1.16                      | 23.55                   | 6,935.74                    | 6936.67                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-61          | 01/11/23                  | 4.00                   | 34.87                 | 22.36                 | 1.18                      | 23.54                   | 6,935.75                    | 6936.69                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-61          | 02/28/23                  | 4.00                   | 34.87                 | 21.95                 | 1.27                      | 23.22                   | 6,936.07                    | 6937.09                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-61          | 03/06/23                  | 4.00                   | 34.87                 | 22.46                 | 1.11                      | 23.57                   | 6,935.72                    | 6936.61                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-61          | 04/13/23                  | 4.00                   | 34.87                 | 22.36                 | 3.95                      | 26.31                   | 6,932.98                    | 6936.14                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-61          | 05/16/23                  | 4.00                   | 34.87                 | 22.43                 | 3.93                      | 26.36                   | 6,932.93                    | 6936.07                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-61          | 06/02/23                  | 4.00                   | 34.87                 | 22.36                 | 1.21                      | 23.57                   | 6,935.72                    | 6936.69                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-61          | 07/25/23                  | 4.00                   | 34.87                 | 22.39                 | 1.22                      | 23.61                   | 6,935.68                    | 6936.66                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-61          | 08/21/23                  | 4.00                   | 34.87                 | 22.56                 | 0.94                      | 23.50                   | 6,935.79                    | 6936.54                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-61          | 09/06/23                  | 4.00                   | 34.87                 | 22.51                 | 0.93                      | 23.44                   | 6,935.85                    | 6936.59                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3B. FLUID LEVEL MEASUREMENTS FOR NON MKTF WELLS  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| OW-62          | 06/02/21                  | 4.00                   | 32.87                 | 20.09                 | 0.25                      | 20.34                   | 6,912.87                    | 6913.07                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-62          | 07/06/21                  | 4.00                   | 32.87                 | 19.31                 | 0.23                      | 19.54                   | 6,913.67                    | 6913.85                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-62          | 08/25/21                  | 4.00                   | 32.87                 | 21.10                 | 0.25                      | 21.35                   | 6,911.86                    | 6912.06                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-62          | 09/09/21                  | 4.00                   | 32.80                 | 20.57                 | 0.21                      | 20.78                   | 6,912.43                    | 6912.60                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-62          | 10/27/21                  | 4.00                   | 32.80                 | 20.95                 | 0.19                      | 21.14                   | 6,912.07                    | 6912.22                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-62          | 11/17/21                  | 4.00                   | 32.80                 | 20.91                 | 0.29                      | 21.20                   | 6,912.01                    | 6912.24                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-62          | 12/09/21                  | 4.00                   | 32.80                 | 20.92                 | 0.34                      | 21.26                   | 6,911.95                    | 6912.22                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-62          | 01/10/22                  | 4.00                   | 32.80                 | 20.10                 | 0.57                      | 20.67                   | 6,912.54                    | 6913.00                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-62          | 02/28/22                  | 4.00                   | 32.80                 | 20.14                 | 0.43                      | 20.57                   | 6,912.64                    | 6912.98                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-62          | 03/02/22                  | 4.00                   | 32.80                 | 20.89                 | 0.38                      | 21.27                   | 6,911.94                    | 6912.24                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-62          | 04/27/22                  | 4.00                   | 32.80                 | 21.31                 | 0.33                      | 21.64                   | 6,911.57                    | 6911.83                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-62          | 05/09/22                  | 4.00                   | 32.80                 | 21.11                 | 0.34                      | 21.45                   | 6,911.76                    | 6912.03                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-62          | 06/01/22                  | 4.00                   | 32.80                 | 20.87                 | 0.35                      | 21.22                   | 6,911.99                    | 6912.27                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-62          | 07/07/22                  | 4.00                   | 32.80                 | 21.12                 | 0.38                      | 21.50                   | 6,911.71                    | 6912.01                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-62          | 08/09/22                  | 4.00                   | 32.80                 | 21.21                 | 0.35                      | 21.56                   | 6,911.65                    | 6911.93                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-62          | 09/02/22                  | 4.00                   | 32.80                 | 20.82                 | 0.43                      | 21.25                   | 6,911.96                    | 6912.30                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-62          | 10/04/22                  | 4.00                   | 32.80                 | 20.84                 | 0.46                      | 21.30                   | 6,911.91                    | 6912.28                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-62          | 11/03/22                  | 4.00                   | 32.80                 | 21.04                 | 0.38                      | 21.42                   | 6,911.79                    | 6912.09                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-62          | 12/06/22                  | 4.00                   | 32.80                 | 20.95                 | 0.42                      | 21.37                   | 6,911.84                    | 6912.18                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-62          | 01/11/23                  | 4.00                   | 32.80                 | 20.93                 | 0.42                      | 21.35                   | 6,911.86                    | 6912.20                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-62          | 02/28/23                  | 4.00                   | 32.80                 | 20.82                 | 0.31                      | 21.13                   | 6,912.08                    | 6912.33                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-62          | 03/31/23                  | 4.00                   | 32.80                 | 20.65                 | 0.40                      | 21.05                   | 6,912.16                    | 6912.48                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-62          | 04/13/23                  | 4.00                   | 32.80                 | 20.72                 | 0.40                      | 21.12                   | 6,912.09                    | 6912.41                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-62          | 05/16/23                  | 4.00                   | 32.80                 | 21.04                 | 0.38                      | 21.42                   | 6,911.79                    | 6912.09                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-62          | 06/02/23                  | 4.00                   | 32.80                 | 20.74                 | 0.39                      | 21.13                   | 6,912.08                    | 6912.39                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-62          | 07/25/23                  | 4.00                   | 32.80                 | 20.72                 | 0.40                      | 21.12                   | 6,912.09                    | 6912.41                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-62          | 08/23/23                  | 4.00                   | 32.80                 | 21.22                 | 0.87                      | 22.09                   | 6,911.12                    | 6911.82                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-62          | 09/06/23                  | 4.00                   | 32.80                 | 21.15                 | 0.87                      | 22.02                   | 6,911.19                    | 6911.89                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3B. FLUID LEVEL MEASUREMENTS FOR NON MKTF WELLS  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| OW-63          | 06/02/21                  | 4.00                   | 32.22                 | ND                    | NA                        | 18.37                   | 6,912.50                    | NA                                                | 9 - 29                                     | Chinle/Alluvial Interface                 |
| OW-63          | 07/06/21                  | 4.00                   | 32.22                 | ND                    | NA                        | 20.20                   | 6,910.67                    | NA                                                | 9 - 29                                     | Chinle/Alluvial Interface                 |
| OW-63          | 08/25/21                  | 4.00                   | 32.22                 | ND                    | NA                        | 18.74                   | 6,912.13                    | NA                                                | 9 - 29                                     | Chinle/Alluvial Interface                 |
| OW-63          | 09/28/21                  | 4.00                   | 32.22                 | ND                    | NA                        | 18.85                   | 6,912.02                    | NA                                                | 9 - 29                                     | Chinle/Alluvial Interface                 |
| OW-63          | 10/27/21                  | 4.00                   | 32.22                 | ND                    | NA                        | 18.90                   | 6,911.97                    | NA                                                | 9 - 29                                     | Chinle/Alluvial Interface                 |
| OW-63          | 11/17/21                  | 4.00                   | 32.22                 | ND                    | NA                        | 18.87                   | 6,912.00                    | NA                                                | 9 - 29                                     | Chinle/Alluvial Interface                 |
| OW-63          | 12/16/21                  | 4.00                   | 32.22                 | ND                    | NA                        | 18.93                   | 6,911.94                    | NA                                                | 9 - 29                                     | Chinle/Alluvial Interface                 |
| OW-63          | 01/10/22                  | 4.00                   | 32.22                 | ND                    | NA                        | 18.89                   | 6,911.98                    | NA                                                | 9 - 29                                     | Chinle/Alluvial Interface                 |
| OW-63          | 02/28/22                  | 4.00                   | 32.22                 | ND                    | NA                        | 18.93                   | 6,911.94                    | NA                                                | 9 - 29                                     | Chinle/Alluvial Interface                 |
| OW-63          | 03/01/22                  | 4.00                   | 32.22                 | ND                    | NA                        | 18.95                   | 6,911.92                    | NA                                                | 9 - 29                                     | Chinle/Alluvial Interface                 |
| OW-63          | 04/27/22                  | 4.00                   | 32.22                 | ND                    | NA                        | 19.22                   | 6,911.65                    | NA                                                | 9 - 29                                     | Chinle/Alluvial Interface                 |
| OW-63          | 05/09/22                  | 4.00                   | 32.22                 | ND                    | NA                        | 19.29                   | 6,911.58                    | NA                                                | 9 - 29                                     | Chinle/Alluvial Interface                 |
| OW-63          | 06/01/22                  | 4.00                   | 32.22                 | ND                    | NA                        | 19.51                   | 6,911.36                    | NA                                                | 9 - 29                                     | Chinle/Alluvial Interface                 |
| OW-63          | 07/07/22                  | 4.00                   | 32.22                 | ND                    | NA                        | 18.51                   | 6,912.36                    | NA                                                | 9 - 29                                     | Chinle/Alluvial Interface                 |
| OW-63          | 08/09/22                  | 4.00                   | 32.22                 | ND                    | NA                        | 18.77                   | 6,912.10                    | NA                                                | 9 - 29                                     | Chinle/Alluvial Interface                 |
| OW-63          | 09/02/22                  | 4.00                   | 32.22                 | ND                    | NA                        | 19.25                   | 6,911.62                    | NA                                                | 9 - 29                                     | Chinle/Alluvial Interface                 |
| OW-63          | 10/04/22                  | 4.00                   | 32.22                 | ND                    | NA                        | 19.42                   | 6,911.45                    | NA                                                | 9 - 29                                     | Chinle/Alluvial Interface                 |
| OW-63          | 11/03/22                  | 4.00                   | 32.22                 | ND                    | NA                        | 19.39                   | 6,911.48                    | NA                                                | 9 - 29                                     | Chinle/Alluvial Interface                 |
| OW-63          | 12/06/22                  | 4.00                   | 32.22                 | ND                    | NA                        | 20.02                   | 6,910.85                    | NA                                                | 9 - 29                                     | Chinle/Alluvial Interface                 |
| OW-63          | 01/11/23                  | 4.00                   | 32.22                 | ND                    | NA                        | 20.00                   | 6,910.87                    | NA                                                | 9 - 29                                     | Chinle/Alluvial Interface                 |
| OW-63          | 02/28/23                  | 4.00                   | 32.22                 | ND                    | NA                        | 19.14                   | 6,911.73                    | NA                                                | 9 - 29                                     | Chinle/Alluvial Interface                 |
| OW-63          | 03/07/23                  | 4.00                   | 32.22                 | ND                    | NA                        | 20.36                   | 6,910.51                    | NA                                                | 9 - 29                                     | Chinle/Alluvial Interface                 |
| OW-63          | 04/13/23                  | 4.00                   | 32.22                 | ND                    | NA                        | 20.28                   | 6,910.59                    | NA                                                | 9 - 29                                     | Chinle/Alluvial Interface                 |
| OW-63          | 05/16/23                  | 4.00                   | 32.22                 | ND                    | NA                        | 20.44                   | 6,910.43                    | NA                                                | 9 - 29                                     | Chinle/Alluvial Interface                 |
| OW-63          | 06/02/23                  | 4.00                   | 32.22                 | ND                    | NA                        | 20.63                   | 6,910.24                    | NA                                                | 9 - 29                                     | Chinle/Alluvial Interface                 |
| OW-63          | 07/25/23                  | 4.00                   | 32.22                 | ND                    | NA                        | 20.65                   | 6,910.22                    | NA                                                | 9 - 29                                     | Chinle/Alluvial Interface                 |
| OW-63          | 08/23/23                  | 4.00                   | 32.22                 | ND                    | NA                        | 20.60                   | 6,910.27                    | NA                                                | 9 - 29                                     | Chinle/Alluvial Interface                 |
| OW-63          | 09/07/23                  | 4.00                   | 32.22                 | ND                    | NA                        | 20.58                   | 6,910.29                    | NA                                                | 9 - 29                                     | Chinle/Alluvial Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |



**TABLE 3B. FLUID LEVEL MEASUREMENTS FOR NON MKTF WELLS  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| OW-64          | 06/02/21                  | 4.00                   | 27.35                 | ND                    | NA                        | 5.36                    | 6,937.96                    | NA                                                | 4 - 24                                     | Chinle/Alluvial Interface                 |
| OW-64          | 07/06/21                  | 4.00                   | 27.35                 | ND                    | NA                        | 4.63                    | 6,938.69                    | NA                                                | 4 - 24                                     | Chinle/Alluvial Interface                 |
| OW-64          | 08/25/21                  | 4.00                   | 27.35                 | ND                    | NA                        | 4.98                    | 6,938.34                    | NA                                                | 4 - 24                                     | Chinle/Alluvial Interface                 |
| OW-64          | 09/09/21                  | 4.00                   | 27.35                 | ND                    | NA                        | 5.17                    | 6,938.15                    | NA                                                | 4 - 24                                     | Chinle/Alluvial Interface                 |
| OW-64          | 10/27/21                  | 4.00                   | 27.35                 | ND                    | NA                        | 5.13                    | 6,938.19                    | NA                                                | 4 - 24                                     | Chinle/Alluvial Interface                 |
| OW-64          | 11/17/21                  | 4.00                   | 27.35                 | ND                    | NA                        | 5.14                    | 6,938.18                    | NA                                                | 4 - 24                                     | Chinle/Alluvial Interface                 |
| OW-64          | 12/28/21                  | 4.00                   | 27.35                 | ND                    | NA                        | 4.98                    | 6,938.34                    | NA                                                | 4 - 24                                     | Chinle/Alluvial Interface                 |
| OW-64          | 01/10/22                  | 4.00                   | 27.35                 | ND                    | NA                        | 5.03                    | 6,938.29                    | NA                                                | 4 - 24                                     | Chinle/Alluvial Interface                 |
| OW-64          | 02/28/22                  | 4.00                   | 27.35                 | ND                    | NA                        | 5.25                    | 6,938.07                    | NA                                                | 4 - 24                                     | Chinle/Alluvial Interface                 |
| OW-64          | 03/02/22                  | 4.00                   | 27.35                 | ND                    | NA                        | 4.96                    | 6,938.36                    | NA                                                | 4 - 24                                     | Chinle/Alluvial Interface                 |
| OW-64          | 04/27/22                  | 4.00                   | 27.35                 | ND                    | NA                        | 5.90                    | 6,937.42                    | NA                                                | 4 - 24                                     | Chinle/Alluvial Interface                 |
| OW-64          | 05/09/22                  | 4.00                   | 27.35                 | ND                    | NA                        | 5.78                    | 6,937.54                    | NA                                                | 4 - 24                                     | Chinle/Alluvial Interface                 |
| OW-64          | 06/01/22                  | 4.00                   | 27.35                 | ND                    | NA                        | 5.37                    | 6,937.95                    | NA                                                | 4 - 24                                     | Chinle/Alluvial Interface                 |
| OW-64          | 07/07/22                  | 4.00                   | 27.35                 | ND                    | NA                        | 5.34                    | 6,937.98                    | NA                                                | 4 - 24                                     | Chinle/Alluvial Interface                 |
| OW-64          | 08/09/22                  | 4.00                   | 27.35                 | ND                    | NA                        | 5.03                    | 6,938.29                    | NA                                                | 4 - 24                                     | Chinle/Alluvial Interface                 |
| OW-64          | 09/02/22                  | 4.00                   | 27.35                 | ND                    | NA                        | 5.43                    | 6,937.89                    | NA                                                | 4 - 24                                     | Chinle/Alluvial Interface                 |
| OW-64          | 10/04/22                  | 4.00                   | 27.35                 | ND                    | NA                        | 5.75                    | 6,937.57                    | NA                                                | 4 - 24                                     | Chinle/Alluvial Interface                 |
| OW-64          | 11/03/22                  | 4.00                   | 27.35                 | ND                    | NA                        | 5.91                    | 6,937.41                    | NA                                                | 4 - 24                                     | Chinle/Alluvial Interface                 |
| OW-64          | 12/06/22                  | 4.00                   | 27.35                 | ND                    | NA                        | 5.20                    | 6,938.12                    | NA                                                | 4 - 24                                     | Chinle/Alluvial Interface                 |
| OW-64          | 01/11/23                  | 4.00                   | 27.35                 | ND                    | NA                        | 5.18                    | 6,938.14                    | NA                                                | 4 - 24                                     | Chinle/Alluvial Interface                 |
| OW-64          | 02/28/23                  | 4.00                   | 27.35                 | ND                    | NA                        | 4.53                    | 6,938.79                    | NA                                                | 4 - 24                                     | Chinle/Alluvial Interface                 |
| OW-64          | 03/07/23                  | 4.00                   | 27.35                 | ND                    | NA                        | 4.73                    | 6,938.59                    | NA                                                | 4 - 24                                     | Chinle/Alluvial Interface                 |
| OW-64          | 04/13/23                  | 4.00                   | 27.35                 | ND                    | NA                        | 5.03                    | 6,938.29                    | NA                                                | 4 - 24                                     | Chinle/Alluvial Interface                 |
| OW-64          | 05/16/23                  | 4.00                   | 27.35                 | ND                    | NA                        | 5.19                    | 6,938.13                    | NA                                                | 4 - 24                                     | Chinle/Alluvial Interface                 |
| OW-64          | 06/02/23                  | 4.00                   | 27.35                 | ND                    | NA                        | 5.27                    | 6,938.05                    | NA                                                | 4 - 24                                     | Chinle/Alluvial Interface                 |
| OW-64          | 07/25/23                  | 4.00                   | 27.35                 | ND                    | NA                        | 5.33                    | 6,937.99                    | NA                                                | 4 - 24                                     | Chinle/Alluvial Interface                 |
| OW-64          | 08/23/23                  | 4.00                   | 27.35                 | ND                    | NA                        | 5.26                    | 6,938.06                    | NA                                                | 4 - 24                                     | Chinle/Alluvial Interface                 |
| OW-64          | 09/07/23                  | 4.00                   | 27.35                 | ND                    | NA                        | 5.23                    | 6,938.09                    | NA                                                | 4 - 24                                     | Chinle/Alluvial Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3B. FLUID LEVEL MEASUREMENTS FOR NON MKTF WELLS  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| OW-65          | 06/02/21                  | 4.00                   | 39.50                 | 24.03                 | 5.75                      | 29.78                   | 6,920.17                    | 6924.77                                           | 17 - 37                                    | Chinle/Alluvial Interface                 |
| OW-65          | 07/12/21                  | 4.00                   | 39.50                 | 25.39                 | 6.51                      | 31.90                   | 6,918.05                    | 6923.26                                           | 17 - 37                                    | Chinle/Alluvial Interface                 |
| OW-65          | 08/03/21                  | 4.00                   | 39.50                 | 25.40                 | 4.01                      | 29.41                   | 6,920.54                    | 6923.75                                           | 17 - 37                                    | Chinle/Alluvial Interface                 |
| OW-65          | 09/07/21                  | 4.00                   | 39.50                 | 25.49                 | 6.13                      | 31.62                   | 6,918.33                    | 6923.23                                           | 17 - 37                                    | Chinle/Alluvial Interface                 |
| OW-65          | 10/27/22                  | 4.00                   | 39.50                 | 25.49                 | 6.13                      | 31.62                   | 6,918.33                    | 6923.23                                           | 17 - 37                                    | Chinle/Alluvial Interface                 |
| OW-65          | 11/15/21                  | 4.00                   | 39.50                 | 25.30                 | 6.95                      | 32.25                   | 6,917.70                    | 6923.26                                           | 17 - 37                                    | Chinle/Alluvial Interface                 |
| OW-65          | 12/03/21                  | 4.00                   | 39.50                 | 25.22                 | 6.98                      | 32.20                   | 6,917.75                    | 6923.33                                           | 17 - 37                                    | Chinle/Alluvial Interface                 |
| OW-65          | 01/10/22                  | 4.00                   | 39.50                 | 25.24                 | 6.99                      | 32.23                   | 6,917.72                    | 6923.31                                           | 17 - 37                                    | Chinle/Alluvial Interface                 |
| OW-65          | 02/28/22                  | 4.00                   | 39.50                 | 25.23                 | 6.98                      | 32.21                   | 6,917.74                    | 6923.32                                           | 17 - 37                                    | Chinle/Alluvial Interface                 |
| OW-65          | 03/02/22                  | 4.00                   | 39.50                 | 25.20                 | 6.93                      | 32.13                   | 6,917.82                    | 6923.36                                           | 17 - 37                                    | Chinle/Alluvial Interface                 |
| OW-65          | 04/05/22                  | 4.00                   | 39.50                 | 26.97                 | 4.85                      | 31.82                   | 6,918.13                    | 6922.01                                           | 17 - 37                                    | Chinle/Alluvial Interface                 |
| OW-65          | 05/09/22                  | 4.00                   | 39.50                 | 27.21                 | 5.69                      | 32.90                   | 6,917.05                    | 6921.60                                           | 17 - 37                                    | Chinle/Alluvial Interface                 |
| OW-65          | 06/01/22                  | 4.00                   | 39.50                 | 25.09                 | 6.96                      | 32.05                   | 6,917.90                    | 6923.47                                           | 17 - 37                                    | Chinle/Alluvial Interface                 |
| OW-65          | 07/07/22                  | 4.00                   | 39.50                 | 28.64                 | 1.53                      | 30.17                   | 6,919.78                    | 6921.00                                           | 17 - 37                                    | Chinle/Alluvial Interface                 |
| OW-65          | 08/09/22                  | 4.00                   | 39.50                 | 28.95                 | 0.54                      | 29.49                   | 6,920.46                    | 6920.89                                           | 17 - 37                                    | Chinle/Alluvial Interface                 |
| OW-65          | 09/02/22                  | 4.00                   | 39.50                 | 29.20                 | 0.36                      | 29.56                   | 6,920.39                    | 6920.68                                           | 17 - 37                                    | Chinle/Alluvial Interface                 |
| OW-65          | 10/04/22                  | 4.00                   | 39.50                 | 29.29                 | 0.27                      | 29.56                   | 6,920.39                    | 6920.61                                           | 17 - 37                                    | Chinle/Alluvial Interface                 |
| OW-65          | 11/03/22                  | 4.00                   | 39.50                 | 29.27                 | 0.23                      | 29.50                   | 6,920.45                    | 6920.63                                           | 17 - 37                                    | Chinle/Alluvial Interface                 |
| OW-65          | 12/06/22                  | 4.00                   | 39.50                 | 29.54                 | 0.22                      | 29.76                   | 6,920.19                    | 6920.37                                           | 17 - 37                                    | Chinle/Alluvial Interface                 |
| OW-65          | 01/11/23                  | 4.00                   | 39.50                 | 29.55                 | 0.20                      | 29.75                   | 6,920.20                    | 6920.36                                           | 17 - 37                                    | Chinle/Alluvial Interface                 |
| OW-65          | 02/28/23                  | 4.00                   | 39.50                 | 29.15                 | 0.22                      | 29.37                   | 6,920.58                    | 6920.76                                           | 17 - 37                                    | Chinle/Alluvial Interface                 |
| OW-65          | 03/07/23                  | 4.00                   | 39.50                 | 29.92                 | 0.32                      | 30.24                   | 6,919.71                    | 6919.97                                           | 17 - 37                                    | Chinle/Alluvial Interface                 |
| OW-65          | 04/13/23                  | 4.00                   | 39.50                 | 29.07                 | 1.13                      | 30.20                   | 6,919.75                    | 6920.65                                           | 17 - 37                                    | Chinle/Alluvial Interface                 |
| OW-65          | 05/16/23                  | 4.00                   | 39.50                 | 30.02                 | 0.12                      | 30.14                   | 6,919.81                    | 6919.91                                           | 17 - 37                                    | Chinle/Alluvial Interface                 |
| OW-65          | 06/02/23                  | 4.00                   | 39.50                 | 30.48                 | 0.17                      | 30.65                   | 6,919.30                    | 6919.44                                           | 17 - 37                                    | Chinle/Alluvial Interface                 |
| OW-65          | 07/25/23                  | 4.00                   | 39.50                 | 30.45                 | 0.24                      | 30.69                   | 6,919.26                    | 6919.45                                           | 17 - 37                                    | Chinle/Alluvial Interface                 |
| OW-65          | 08/21/23                  | 4.00                   | 39.50                 | 30.97                 | 0.15                      | 31.12                   | 6,918.83                    | 6918.95                                           | 17 - 37                                    | Chinle/Alluvial Interface                 |
| OW-65          | 09/06/23                  | 4.00                   | 39.50                 | 30.92                 | 0.16                      | 31.08                   | 6,918.87                    | 6919.00                                           | 17 - 37                                    | Chinle/Alluvial Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3B. FLUID LEVEL MEASUREMENTS FOR NON MKTF WELLS  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| OW-66          | 09/02/21                  | 4.00                   | 27.75                 | ND                    | NA                        | 15.66                   | 6,904.14                    | NA                                                | 10 - 25                                    | Chinle/Alluvial Interface                 |
| OW-66          | 12/01/21                  | 4.00                   | 27.75                 | ND                    | NA                        | 15.30                   | 6,904.50                    | NA                                                | 10 - 25                                    | Chinle/Alluvial Interface                 |
| OW-66          | 03/02/22                  | 4.00                   | 27.75                 | ND                    | NA                        | 15.19                   | 6,904.61                    | NA                                                | 10 - 25                                    | Chinle/Alluvial Interface                 |
| OW-66          | 06/02/22                  | 4.00                   | 27.75                 | ND                    | NA                        | 15.66                   | 6,904.14                    | NA                                                | 10 - 25                                    | Chinle/Alluvial Interface                 |
| OW-66          | 09/07/22                  | 4.00                   | 27.75                 | ND                    | NA                        | 16.26                   | 6,903.54                    | NA                                                | 10 - 25                                    | Chinle/Alluvial Interface                 |
| OW-66          | 10/04/22                  | 4.00                   | 27.75                 | ND                    | NA                        | 16.08                   | 6,903.72                    | NA                                                | 10 - 25                                    | Chinle/Alluvial Interface                 |
| OW-66          | 11/03/22                  | 4.00                   | 27.75                 | ND                    | NA                        | 16.15                   | 6,903.65                    | NA                                                | 10 - 25                                    | Chinle/Alluvial Interface                 |
| OW-66          | 12/27/22                  | 4.00                   | 27.75                 | ND                    | NA                        | 16.45                   | 6,903.35                    | NA                                                | 10 - 25                                    | Chinle/Alluvial Interface                 |
| OW-66          | 1/11/2023                 | 4.00                   | 27.75                 | ND                    | NA                        | 16.48                   | 6,903.32                    | NA                                                | 10 - 25                                    | Chinle/Alluvial Interface                 |
| OW-66          | 2/28/2023                 | 4.00                   | 27.75                 | 16.48                 | 0.60                      | 17.08                   | 6,902.72                    | 6903.20                                           | 10 - 25                                    | Chinle/Alluvial Interface                 |
| OW-66          | 3/6/2023                  | 4.00                   | 27.75                 | 15.75                 | 1.85                      | 17.60                   | 6,902.20                    | 6903.68                                           | 10 - 25                                    | Chinle/Alluvial Interface                 |
| OW-66          | 4/13/2023                 | 4.00                   | 27.75                 | 15.78                 | 2.02                      | 17.80                   | 6,902.00                    | 6903.62                                           | 10 - 25                                    | Chinle/Alluvial Interface                 |
| OW-66          | 5/16/2023                 | 4.00                   | 27.75                 | 15.74                 | 2.03                      | 17.77                   | 6,902.03                    | 6903.65                                           | 10 - 25                                    | Chinle/Alluvial Interface                 |
| OW-66          | 6/2/2023                  | 4.00                   | 27.75                 | 15.70                 | 2.04                      | 17.74                   | 6,902.06                    | 6903.69                                           | 10 - 25                                    | Chinle/Alluvial Interface                 |
| OW-66          | 7/10/2023                 | 4.00                   | 27.75                 | 16.30                 | 2.05                      | 18.35                   | 6,901.45                    | 6903.09                                           | 10 - 25                                    | Chinle/Alluvial Interface                 |
| OW-66          | NM                        | 4.00                   | 27.75                 |                       |                           |                         | #VALUE!                     | #VALUE!                                           | 10 - 25                                    | Chinle/Alluvial Interface                 |
| OW-66          | 9/6/2023                  | 4.00                   | 27.75                 | 16.70                 | 1.95                      | 18.65                   | 6,901.15                    | 6902.71                                           | 10 - 25                                    | Chinle/Alluvial Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3B. FLUID LEVEL MEASUREMENTS FOR NON MKTF WELLS  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| RW-1           | 04/26/21                  | 4.00                   | 43.45                 | 26.61                 | 2.08                      | 28.69                   | 6,914.17                    | 6,915.83                                          | 25 - 40                                    | Chinle/Alluvial Interface                 |
| RW-1           | 05/20/21                  | 4.00                   | 43.45                 | 26.85                 | 3.18                      | 30.03                   | 6,912.83                    | 6,915.37                                          | 25 - 40                                    | Chinle/Alluvial Interface                 |
| RW-1           | 06/01/21                  | 4.00                   | 43.45                 | 27.13                 | 3.09                      | 30.22                   | 6,912.64                    | 6,915.11                                          | 25 - 40                                    | Chinle/Alluvial Interface                 |
| RW-1           | 07/12/21                  | 4.00                   | 43.45                 | 26.37                 | 2.30                      | 28.67                   | 6,914.19                    | 6,916.03                                          | 25 - 40                                    | Chinle/Alluvial Interface                 |
| RW-1           | 08/25/21                  | 4.00                   | 43.45                 | 27.55                 | 1.50                      | 29.05                   | 6,913.81                    | 6,915.01                                          | 25 - 40                                    | Chinle/Alluvial Interface                 |
| RW-1           | 09/09/21                  | 4.00                   | 43.45                 | 26.33                 | 1.49                      | 27.82                   | 6,915.04                    | 6,916.23                                          | 25 - 40                                    | Chinle/Alluvial Interface                 |
| RW-1           | 09/09/21                  | 4.00                   | 43.45                 | 27.89                 | 1.18                      | 29.07                   | 6,913.79                    | 6,914.73                                          | 25 - 40                                    | Chinle/Alluvial Interface                 |
| RW-1           | 11/15/21                  | 4.00                   | 43.45                 | 26.70                 | 1.15                      | 27.85                   | 6,915.01                    | 6,915.93                                          | 25 - 40                                    | Chinle/Alluvial Interface                 |
| RW-1           | 12/03/21                  | 4.00                   | 43.45                 | 26.71                 | 2.07                      | 28.78                   | 6,914.08                    | 6,915.74                                          | 25 - 40                                    | Chinle/Alluvial Interface                 |
| RW-1           | 01/10/22                  | 4.00                   | 43.45                 | 26.92                 | 8.00                      | 34.92                   | 6,907.94                    | 6,914.34                                          | 25 - 40                                    | Chinle/Alluvial Interface                 |
| RW-1           | 02/28/22                  | 4.00                   | 43.45                 | 27.00                 | 7.98                      | 34.98                   | 6,907.88                    | 6,914.26                                          | 25 - 40                                    | Chinle/Alluvial Interface                 |
| RW-1           | 03/02/22                  | 4.00                   | 43.45                 | 26.81                 | 2.02                      | 28.83                   | 6,914.03                    | 6,915.65                                          | 25 - 40                                    | Chinle/Alluvial Interface                 |
| RW-1           | 04/27/22                  | 4.00                   | 43.45                 | 27.39                 | 0.25                      | 27.64                   | 6,915.22                    | 6,915.42                                          | 25 - 40                                    | Chinle/Alluvial Interface                 |
| RW-1           | 05/09/22                  | 4.00                   | 43.45                 | 27.56                 | 0.41                      | 27.97                   | 6,914.89                    | 6,915.22                                          | 25 - 40                                    | Chinle/Alluvial Interface                 |
| RW-1           | 06/01/22                  | 4.00                   | 43.45                 | 27.78                 | 0.12                      | 27.90                   | 6,914.96                    | 6,915.06                                          | 25 - 40                                    | Chinle/Alluvial Interface                 |
| RW-1           | 07/07/22                  | 4.00                   | 43.45                 | 27.98                 | 0.09                      | 28.07                   | 6,914.79                    | 6,914.86                                          | 25 - 40                                    | Chinle/Alluvial Interface                 |
| RW-1           | 08/09/22                  | 4.00                   | 43.45                 | 28.17                 | 0.06                      | 28.23                   | 6,914.63                    | 6,914.68                                          | 25 - 40                                    | Chinle/Alluvial Interface                 |
| RW-1           | 09/02/22                  | 4.00                   | 43.45                 | 28.31                 | 0.03                      | 28.34                   | 6,914.52                    | 6,914.54                                          | 25 - 40                                    | Chinle/Alluvial Interface                 |
| RW-1           | 10/05/22                  | 4.00                   | 43.45                 | 28.37                 | 0.02                      | 28.39                   | 6,914.47                    | 6,914.49                                          | 25 - 40                                    | Chinle/Alluvial Interface                 |
| RW-1           | 11/02/22                  | 4.00                   | 43.45                 | 28.50                 | 0.02                      | 28.52                   | 6,914.34                    | 6,914.36                                          | 25 - 40                                    | Chinle/Alluvial Interface                 |
| RW-1           | 12/09/22                  | 4.00                   | 43.45                 | 28.47                 | 0.22                      | 28.69                   | 6,914.17                    | 6,914.35                                          | 25 - 40                                    | Chinle/Alluvial Interface                 |
| RW-1           | 01/11/23                  | 4.00                   | 43.45                 | 28.51                 | 0.21                      | 28.72                   | 6,914.14                    | 6,914.31                                          | 25 - 40                                    | Chinle/Alluvial Interface                 |
| RW-1           | 02/27/23                  | 4.00                   | 43.45                 | 28.57                 | 0.21                      | 28.78                   | 6,914.08                    | 6,914.25                                          | 25 - 40                                    | Chinle/Alluvial Interface                 |
| RW-1           | 03/31/23                  | 4.00                   | 43.45                 | 28.34                 | 0.06                      | 28.40                   | 6,914.46                    | 6,914.51                                          | 25 - 40                                    | Chinle/Alluvial Interface                 |
| RW-1           | 04/13/23                  | 4.00                   | 43.45                 | 28.90                 | 0.07                      | 28.97                   | 6,913.89                    | 6,913.95                                          | 25 - 40                                    | Chinle/Alluvial Interface                 |
| RW-1           | 05/16/23                  | 4.00                   | 43.45                 | 28.97                 | 0.07                      | 29.04                   | 6,913.82                    | 6,913.88                                          | 25 - 40                                    | Chinle/Alluvial Interface                 |
| RW-1           | 06/02/23                  | 4.00                   | 43.45                 | 28.95                 | 0.04                      | 28.99                   | 6,913.87                    | 6,913.90                                          | 25 - 40                                    | Chinle/Alluvial Interface                 |
| RW-1           | 07/18/23                  | 4.00                   | 43.45                 | 28.62                 | 3.68                      | 32.30                   | 6,910.56                    | 6,913.50                                          | 25 - 40                                    | Chinle/Alluvial Interface                 |
| RW-1           | 08/21/23                  | 4.00                   | 43.45                 | 28.85                 | 3.63                      | 32.48                   | 6,910.38                    | 6,913.28                                          | 25 - 40                                    | Chinle/Alluvial Interface                 |
| RW-1           | 09/06/23                  | 4.00                   | 43.45                 | 28.80                 | 3.60                      | 32.40                   | 6,910.46                    | 6,913.34                                          | 25 - 40                                    | Chinle/Alluvial Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |



**TABLE 3B. FLUID LEVEL MEASUREMENTS FOR NON MKTF WELLS  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| RW-2           | 06/01/21                  | 4.00                   | 40.00                 | 21.67                 | 0.06                      | 21.73                   | 6,904.67                    | 6,904.72                                          | 26.1 - 36.1                                | Chinle/Alluvial Interface                 |
| RW-2           | 07/06/21                  | 4.00                   | 40.00                 | ND                    | NA                        | 21.54                   | 6,904.86                    | NA                                                | 26.1 - 36.1                                | Chinle/Alluvial Interface                 |
| RW-2           | 08/09/21                  | 4.00                   | 40.00                 | ND                    | NA                        | 22.37                   | 6,904.03                    | NA                                                | 26.1 - 36.1                                | Chinle/Alluvial Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |
| RW-2R          | 08/31/21                  | 4.00                   | 31.50                 | 19.04                 | 2.67                      | 21.71                   | 6,909.33                    | 6,911.47                                          | 11.5 -31.5                                 | Chinle/Alluvial Interface                 |
| RW-2R          | 09/09/21                  | 4.00                   | 31.50                 | 19.09                 | 2.66                      | 21.75                   | 6,909.29                    | 6,911.42                                          | 11.5 -31.5                                 | Chinle/Alluvial Interface                 |
| RW-2R          | 10/27/21                  | 4.00                   | 31.50                 | 19.33                 | 2.65                      | 21.98                   | 6,909.06                    | 6,911.18                                          | 11.5 -31.5                                 | Chinle/Alluvial Interface                 |
| RW-2R          | 11/15/21                  | 4.00                   | 31.50                 | 19.30                 | 2.49                      | 21.79                   | 6,909.25                    | 6,911.24                                          | 11.5 -31.5                                 | Chinle/Alluvial Interface                 |
| RW-2R          | 12/03/21                  | 4.00                   | 31.50                 | 19.33                 | 2.39                      | 21.72                   | 6,909.32                    | 6,911.23                                          | 11.5 -31.5                                 | Chinle/Alluvial Interface                 |
| RW-2R          | 01/10/22                  | 4.00                   | 31.50                 | 19.03                 | 2.40                      | 21.43                   | 6,909.61                    | 6,911.53                                          | 11.5 -31.5                                 | Chinle/Alluvial Interface                 |
| RW-2R          | 02/28/22                  | 4.00                   | 31.50                 | 19.09                 | 2.36                      | 21.45                   | 6,909.59                    | 6,911.48                                          | 11.5 -31.5                                 | Chinle/Alluvial Interface                 |
| RW-2R          | 03/02/22                  | 4.00                   | 31.50                 | 19.27                 | 2.40                      | 21.67                   | 6,909.37                    | 6,911.29                                          | 11.5 -31.5                                 | Chinle/Alluvial Interface                 |
| RW-2R          | 04/27/22                  | 4.00                   | 31.50                 | 19.67                 | 2.32                      | 21.99                   | 6,909.05                    | 6,910.91                                          | 11.5 -31.5                                 | Chinle/Alluvial Interface                 |
| RW-2R          | 05/09/22                  | 4.00                   | 31.50                 | 19.81                 | 2.37                      | 22.18                   | 6,908.86                    | 6,910.76                                          | 11.5 -31.5                                 | Chinle/Alluvial Interface                 |
| RW-2R          | 06/01/22                  | 4.00                   | 31.50                 | 20.03                 | 2.35                      | 22.38                   | 6,908.66                    | 6,910.54                                          | 11.5 -31.5                                 | Chinle/Alluvial Interface                 |
| RW-2R          | 07/07/22                  | 4.00                   | 31.50                 | 20.34                 | 2.26                      | 22.60                   | 6,908.44                    | 6,910.25                                          | 11.5 -31.5                                 | Chinle/Alluvial Interface                 |
| RW-2R          | 08/09/22                  | 4.00                   | 31.50                 | 20.52                 | 2.28                      | 22.80                   | 6,908.24                    | 6,910.06                                          | 11.5 -31.5                                 | Chinle/Alluvial Interface                 |
| RW-2R          | 09/02/22                  | 4.00                   | 31.50                 | 20.80                 | 2.23                      | 23.03                   | 6,908.01                    | 6,909.79                                          | 11.5 -31.5                                 | Chinle/Alluvial Interface                 |
| RW-2R          | 10/05/22                  | 4.00                   | 31.50                 | 20.99                 | 2.13                      | 23.12                   | 6,907.92                    | 6,909.62                                          | 11.5 -31.5                                 | Chinle/Alluvial Interface                 |
| RW-2R          | 11/02/22                  | 4.00                   | 31.50                 | 21.11                 | 2.18                      | 23.29                   | 6,907.75                    | 6,909.49                                          | 11.5 -31.5                                 | Chinle/Alluvial Interface                 |
| RW-2R          | 12/09/22                  | 4.00                   | 31.50                 | 21.10                 | 2.18                      | 23.28                   | 6,907.76                    | 6,909.50                                          | 11.5 -31.5                                 | Chinle/Alluvial Interface                 |
| RW-2R          | 01/11/23                  | 4.00                   | 31.50                 | 21.13                 | 2.20                      | 23.33                   | 6,907.71                    | 6,909.47                                          | 11.5 -31.5                                 | Chinle/Alluvial Interface                 |
| RW-2R          | 02/27/23                  | 4.00                   | 31.50                 | 21.24                 | 2.25                      | 23.49                   | 6,907.55                    | 6,909.35                                          | 11.5 -31.5                                 | Chinle/Alluvial Interface                 |
| RW-2R          | 03/31/23                  | 4.00                   | 31.50                 | 20.73                 | 2.20                      | 22.93                   | 6,908.11                    | 6,909.87                                          | 11.5 -31.5                                 | Chinle/Alluvial Interface                 |
| RW-2R          | 04/13/23                  | 4.00                   | 31.50                 | 20.58                 | 2.21                      | 22.79                   | 6,908.25                    | 6,910.02                                          | 11.5 -31.5                                 | Chinle/Alluvial Interface                 |
| RW-2R          | 05/16/23                  | 4.00                   | 31.50                 | 21.78                 | 1.95                      | 23.73                   | 6,907.31                    | 6,908.87                                          | 11.5 -31.5                                 | Chinle/Alluvial Interface                 |
| RW-2R          | 06/02/23                  | 4.00                   | 31.50                 | 22.23                 | 0.30                      | 22.53                   | 6,908.51                    | 6,908.75                                          | 11.5 -31.5                                 | Chinle/Alluvial Interface                 |
| RW-2R          | 07/10/23                  | 4.00                   | 31.50                 | 22.48                 | 0.15                      | 22.63                   | 6,908.41                    | 6,908.53                                          | 11.5 -31.5                                 | Chinle/Alluvial Interface                 |
| RW-2R          | 08/21/23                  | 4.00                   | 31.50                 | 22.83                 | 0.10                      | 22.93                   | 6,908.11                    | 6,908.19                                          | 11.5 -31.5                                 | Chinle/Alluvial Interface                 |
| RW-2R          | 09/06/23                  | 4.00                   | 31.50                 | 22.78                 | 0.11                      | 22.89                   | 6,908.15                    | 6,908.24                                          | 11.5 -31.5                                 | Chinle/Alluvial Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3B. FLUID LEVEL MEASUREMENTS FOR NON MKTF WELLS  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| RW-5           | 06/01/21                  | 4.00                   | 39.51                 | 29.16                 | 0.66                      | 29.82                   | 6,911.71                    | 6,912.24                                          | 29.5 - 39.5                                | Chinle/Alluvial Interface                 |
| RW-5           | 07/12/21                  | 4.00                   | 39.51                 | 28.25                 | 2.62                      | 30.87                   | 6,910.66                    | 6,912.76                                          | 29.5 - 39.5                                | Chinle/Alluvial Interface                 |
| RW-5           | 08/25/21                  | 4.00                   | 39.51                 | 29.18                 | 2.88                      | 32.06                   | 6,909.47                    | 6,911.77                                          | 29.5 - 39.5                                | Chinle/Alluvial Interface                 |
| RW-5           | 09/09/21                  | 4.00                   | 39.51                 | 28.30                 | 3.10                      | 31.40                   | 6,910.13                    | 6,912.61                                          | 29.5 - 39.5                                | Chinle/Alluvial Interface                 |
| RW-5           | 10/27/21                  | 4.00                   | 39.51                 | 29.36                 | 2.75                      | 32.11                   | 6,909.42                    | 6,911.62                                          | 29.5 - 39.5                                | Chinle/Alluvial Interface                 |
| RW-5           | 11/15/21                  | 4.00                   | 39.51                 | 28.31                 | 2.40                      | 30.71                   | 6,910.82                    | 6,912.74                                          | 29.5 - 39.5                                | Chinle/Alluvial Interface                 |
| RW-5           | 12/03/21                  | 4.00                   | 39.51                 | 28.27                 | 2.37                      | 30.64                   | 6,910.89                    | 6,912.79                                          | 29.5 - 39.5                                | Chinle/Alluvial Interface                 |
| RW-5           | 01/10/22                  | 4.00                   | 39.51                 | 28.11                 | 2.36                      | 30.47                   | 6,911.06                    | 6,912.95                                          | 29.5 - 39.5                                | Chinle/Alluvial Interface                 |
| RW-5           | 02/28/22                  | 4.00                   | 39.51                 | 28.06                 | 2.38                      | 30.44                   | 6,911.09                    | 6,912.99                                          | 29.5 - 39.5                                | Chinle/Alluvial Interface                 |
| RW-5           | 03/02/22                  | 4.00                   | 39.51                 | 28.26                 | 2.35                      | 30.61                   | 6,910.92                    | 6,912.80                                          | 29.5 - 39.5                                | Chinle/Alluvial Interface                 |
| RW-5           | 04/27/22                  | 4.00                   | 39.51                 | 28.60                 | 2.39                      | 30.99                   | 6,910.54                    | 6,912.45                                          | 29.5 - 39.5                                | Chinle/Alluvial Interface                 |
| RW-5           | 05/09/22                  | 4.00                   | 39.51                 | 28.75                 | 2.47                      | 31.22                   | 6,910.31                    | 6,912.29                                          | 29.5 - 39.5                                | Chinle/Alluvial Interface                 |
| RW-5           | 06/01/22                  | 4.00                   | 39.51                 | 28.92                 | 2.22                      | 31.14                   | 6,910.39                    | 6,912.17                                          | 29.5 - 39.5                                | Chinle/Alluvial Interface                 |
| RW-5           | 07/07/22                  | 4.00                   | 39.51                 | 29.13                 | 2.39                      | 31.52                   | 6,910.01                    | 6,911.92                                          | 29.5 - 39.5                                | Chinle/Alluvial Interface                 |
| RW-5           | 08/09/22                  | 4.00                   | 39.51                 | 29.24                 | 2.25                      | 31.49                   | 6,910.04                    | 6,911.84                                          | 29.5 - 39.5                                | Chinle/Alluvial Interface                 |
| RW-5           | 09/02/22                  | 4.00                   | 39.51                 | 29.36                 | 2.13                      | 31.49                   | 6,910.04                    | 6,911.74                                          | 29.5 - 39.5                                | Chinle/Alluvial Interface                 |
| RW-5           | 10/05/22                  | 4.00                   | 39.51                 | 29.45                 | 1.99                      | 31.44                   | 6,910.09                    | 6,911.68                                          | 29.5 - 39.5                                | Chinle/Alluvial Interface                 |
| RW-5           | 11/02/22                  | 4.00                   | 39.51                 | 29.53                 | 1.90                      | 31.43                   | 6,910.10                    | 6,911.62                                          | 29.5 - 39.5                                | Chinle/Alluvial Interface                 |
| RW-5           | 12/09/22                  | 4.00                   | 39.51                 | 29.51                 | 1.78                      | 31.29                   | 6,910.24                    | 6,911.66                                          | 29.5 - 39.5                                | Chinle/Alluvial Interface                 |
| RW-5           | 01/11/23                  | 4.00                   | 39.51                 | 29.56                 | 1.75                      | 31.31                   | 6,910.22                    | 6,911.62                                          | 29.5 - 39.5                                | Chinle/Alluvial Interface                 |
| RW-5           | 02/27/23                  | 4.00                   | 39.51                 | 29.66                 | 1.72                      | 31.38                   | 6,910.15                    | 6,911.53                                          | 29.5 - 39.5                                | Chinle/Alluvial Interface                 |
| RW-5           | 03/30/23                  | 4.00                   | 39.51                 | 29.88                 | 1.38                      | 31.26                   | 6,910.27                    | 6,911.37                                          | 29.5 - 39.5                                | Chinle/Alluvial Interface                 |
| RW-5           | 04/13/23                  | 4.00                   | 39.51                 | 29.91                 | 1.41                      | 31.32                   | 6,910.21                    | 6,911.34                                          | 29.5 - 39.5                                | Chinle/Alluvial Interface                 |
| RW-5           | 05/16/23                  | 4.00                   | 39.51                 | 28.06                 | 3.40                      | 31.46                   | 6,910.07                    | 6,912.79                                          | 29.5 - 39.5                                | Chinle/Alluvial Interface                 |
| RW-5           | 06/02/23                  | 4.00                   | 39.51                 | 28.07                 | 3.37                      | 31.44                   | 6,910.09                    | 6,912.79                                          | 29.5 - 39.5                                | Chinle/Alluvial Interface                 |
| RW-5           | 07/11/23                  | 4.00                   | 39.51                 | 30.36                 | 1.44                      | 31.80                   | 6,909.73                    | 6,910.88                                          | 29.5 - 39.5                                | Chinle/Alluvial Interface                 |
| RW-5           | 08/21/23                  | 4.00                   | 39.51                 | 30.51                 | 1.20                      | 31.71                   | 6,909.82                    | 6,910.78                                          | 29.5 - 39.5                                | Chinle/Alluvial Interface                 |
| RW-5           | 09/06/23                  | 4.00                   | 39.51                 | 30.46                 | 1.22                      | 31.68                   | 6,909.85                    | 6,910.83                                          | 29.5 - 39.5                                | Chinle/Alluvial Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3B. FLUID LEVEL MEASUREMENTS FOR NON MKTF WELLS  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| RW-6           | 06/01/21                  | 4.00                   | 40.85                 | 30.06                 | 0.13                      | 30.19                   | 6,911.77                    | 6,911.87                                          | 28.5 - 38.5                                | Chinle/Alluvial Interface                 |
| RW-6           | 07/12/21                  | 4.00                   | 40.85                 | 28.15                 | 3.29                      | 31.44                   | 6,910.52                    | 6,913.15                                          | 28.5 - 38.5                                | Chinle/Alluvial Interface                 |
| RW-6           | 08/03/21                  | 4.00                   | 40.85                 | 28.14                 | 3.20                      | 31.34                   | 6,910.62                    | 6,913.18                                          | 28.5 - 38.5                                | Chinle/Alluvial Interface                 |
| RW-6           | 09/09/21                  | 4.00                   | 40.85                 | 28.29                 | 3.10                      | 31.39                   | 6,910.57                    | 6,913.05                                          | 28.5 - 38.5                                | Chinle/Alluvial Interface                 |
| RW-6           | 10/27/21                  | 4.00                   | 40.85                 | 28.29                 | 3.10                      | 31.39                   | 6,910.57                    | 6,913.05                                          | 28.5 - 38.5                                | Chinle/Alluvial Interface                 |
| RW-6           | 11/15/21                  | 4.00                   | 40.85                 | 29.55                 | 2.85                      | 32.40                   | 6,909.56                    | 6,911.84                                          | 28.5 - 38.5                                | Chinle/Alluvial Interface                 |
| RW-6           | 12/03/21                  | 4.00                   | 40.85                 | 28.35                 | 2.75                      | 31.10                   | 6,910.86                    | 6,913.06                                          | 28.5 - 38.5                                | Chinle/Alluvial Interface                 |
| RW-6           | 01/10/22                  | 4.00                   | 40.85                 | 28.17                 | 2.88                      | 31.05                   | 6,910.91                    | 6,913.21                                          | 28.5 - 38.5                                | Chinle/Alluvial Interface                 |
| RW-6           | 02/28/22                  | 4.00                   | 40.85                 | 28.23                 | 2.72                      | 30.95                   | 6,911.01                    | 6,913.19                                          | 28.5 - 38.5                                | Chinle/Alluvial Interface                 |
| RW-6           | 03/02/22                  | 4.00                   | 40.85                 | 28.33                 | 2.73                      | 31.06                   | 6,910.90                    | 6,913.08                                          | 28.5 - 38.5                                | Chinle/Alluvial Interface                 |
| RW-6           | 04/27/22                  | 4.00                   | 40.85                 | 28.93                 | 1.54                      | 30.47                   | 6,911.49                    | 6,912.72                                          | 28.5 - 38.5                                | Chinle/Alluvial Interface                 |
| RW-6           | 05/09/22                  | 4.00                   | 40.85                 | 29.11                 | 1.54                      | 30.65                   | 6,911.31                    | 6,912.54                                          | 28.5 - 38.5                                | Chinle/Alluvial Interface                 |
| RW-6           | 06/01/22                  | 4.00                   | 40.85                 | 28.70                 | 2.25                      | 30.95                   | 6,911.01                    | 6,912.81                                          | 28.5 - 38.5                                | Chinle/Alluvial Interface                 |
| RW-6           | 07/07/22                  | 4.00                   | 40.85                 | 29.42                 | 1.78                      | 31.20                   | 6,910.76                    | 6,912.18                                          | 28.5 - 38.5                                | Chinle/Alluvial Interface                 |
| RW-6           | 08/09/22                  | 4.00                   | 40.85                 | 29.51                 | 1.84                      | 31.35                   | 6,910.61                    | 6,912.08                                          | 28.5 - 38.5                                | Chinle/Alluvial Interface                 |
| RW-6           | 09/02/22                  | 4.00                   | 40.85                 | 29.59                 | 1.93                      | 31.52                   | 6,910.44                    | 6,911.98                                          | 28.5 - 38.5                                | Chinle/Alluvial Interface                 |
| RW-6           | 10/05/22                  | 4.00                   | 40.85                 | 29.68                 | 1.85                      | 31.53                   | 6,910.43                    | 6,911.91                                          | 28.5 - 38.5                                | Chinle/Alluvial Interface                 |
| RW-6           | 11/02/22                  | 4.00                   | 40.85                 | 29.76                 | 1.78                      | 31.54                   | 6,910.42                    | 6,911.84                                          | 28.5 - 38.5                                | Chinle/Alluvial Interface                 |
| RW-6           | 12/09/22                  | 4.00                   | 40.85                 | 29.70                 | 1.78                      | 31.48                   | 6,910.48                    | 6,911.90                                          | 28.5 - 38.5                                | Chinle/Alluvial Interface                 |
| RW-6           | 01/11/23                  | 4.00                   | 40.85                 | 29.75                 | 1.75                      | 31.50                   | 6,910.46                    | 6,911.86                                          | 28.5 - 38.5                                | Chinle/Alluvial Interface                 |
| RW-6           | 02/27/23                  | 4.00                   | 40.85                 | 29.97                 | 1.76                      | 31.73                   | 6,910.23                    | 6,911.64                                          | 28.5 - 38.5                                | Chinle/Alluvial Interface                 |
| RW-6           | 03/30/23                  | 4.00                   | 40.85                 | 30.06                 | 1.64                      | 31.70                   | 6,910.26                    | 6,911.57                                          | 28.5 - 38.5                                | Chinle/Alluvial Interface                 |
| RW-6           | 04/13/23                  | 4.00                   | 40.85                 | 30.15                 | 1.55                      | 31.70                   | 6,910.26                    | 6,911.50                                          | 28.5 - 38.5                                | Chinle/Alluvial Interface                 |
| RW-6           | 05/16/23                  | 4.00                   | 40.85                 | 30.30                 | 1.55                      | 31.85                   | 6,910.11                    | 6,911.35                                          | 28.5 - 38.5                                | Chinle/Alluvial Interface                 |
| RW-6           | 06/02/23                  | 4.00                   | 40.85                 | 30.26                 | 0.54                      | 30.80                   | 6,911.16                    | 6,911.59                                          | 28.5 - 38.5                                | Chinle/Alluvial Interface                 |
| RW-6           | 07/11/23                  | 4.00                   | 40.85                 | 30.73                 | 1.34                      | 32.07                   | 6,909.89                    | 6,910.96                                          | 28.5 - 38.5                                | Chinle/Alluvial Interface                 |
| RW-6           | 08/21/23                  | 4.00                   | 40.85                 | 30.70                 | 1.50                      | 32.20                   | 6,909.76                    | 6,910.96                                          | 28.5 - 38.5                                | Chinle/Alluvial Interface                 |
| RW-6           | 09/06/23                  | 4.00                   | 40.85                 | 30.68                 | 1.47                      | 32.15                   | 6,909.81                    | 6,910.99                                          | 28.5 - 38.5                                | Chinle/Alluvial Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3B. FLUID LEVEL MEASUREMENTS FOR NON MKTF WELLS  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| STP1-NW        | 06/03/21                  | 2.00                   | 47.72                 | ND                    | NA                        | 22.19                   | 6,882.31                    | NA                                                | 20 - 50                                    | Chinle/Alluvial Interface                 |
| STP1-NW        | 07/12/21                  | 2.00                   | 47.72                 | ND                    | NA                        | 22.35                   | 6,882.15                    | NA                                                | 20 - 50                                    | Chinle/Alluvial Interface                 |
| STP1-NW        | 08/31/21                  | 2.00                   | 47.72                 | ND                    | NA                        | 21.78                   | 6,882.72                    | NA                                                | 20 - 50                                    | Chinle/Alluvial Interface                 |
| STP1-NW        | 09/08/21                  | 2.00                   | 47.72                 | ND                    | NA                        | 21.78                   | 6,882.72                    | NA                                                | 20 - 50                                    | Chinle/Alluvial Interface                 |
| STP1-NW        | 10/27/21                  | 2.00                   | 47.72                 | ND                    | NA                        | 22.03                   | 6,882.47                    | NA                                                | 20 - 50                                    | Chinle/Alluvial Interface                 |
| STP1-NW        | 11/17/21                  | 2.00                   | 47.72                 | ND                    | NA                        | 21.81                   | 6,882.69                    | NA                                                | 20 - 50                                    | Chinle/Alluvial Interface                 |
| STP1-NW        | 12/13/21                  | 2.00                   | 47.72                 | ND                    | NA                        | 21.55                   | 6,882.95                    | NA                                                | 20 - 50                                    | Chinle/Alluvial Interface                 |
| STP1-NW        | 01/10/22                  | 2.00                   | 47.72                 | ND                    | NA                        | 20.97                   | 6,883.53                    | NA                                                | 20 - 50                                    | Chinle/Alluvial Interface                 |
| STP1-NW        | 02/28/22                  | 2.00                   | 47.72                 | ND                    | NA                        | 21.12                   | 6,883.38                    | NA                                                | 20 - 50                                    | Chinle/Alluvial Interface                 |
| STP1-NW        | 03/02/22                  | 2.00                   | 47.72                 | ND                    | NA                        | 21.58                   | 6,882.92                    | NA                                                | 20 - 50                                    | Chinle/Alluvial Interface                 |
| STP1-NW        | 04/27/22                  | 2.00                   | 47.72                 | ND                    | NA                        | 22.90                   | 6,881.60                    | NA                                                | 20 - 50                                    | Chinle/Alluvial Interface                 |
| STP1-NW        | 05/05/22                  | 2.00                   | 47.72                 | ND                    | NA                        | 22.70                   | 6,881.80                    | NA                                                | 20 - 50                                    | Chinle/Alluvial Interface                 |
| STP1-NW        | 06/01/22                  | 2.00                   | 47.72                 | ND                    | NA                        | 21.30                   | 6,883.20                    | NA                                                | 20 - 50                                    | Chinle/Alluvial Interface                 |
| STP1-NW        | 07/07/22                  | 2.00                   | 47.72                 | ND                    | NA                        | 24.69                   | 6,879.81                    | NA                                                | 20 - 50                                    | Chinle/Alluvial Interface                 |
| STP1-NW        | 08/09/22                  | 2.00                   | 47.72                 | ND                    | NA                        | 24.22                   | 6,880.28                    | NA                                                | 20 - 50                                    | Chinle/Alluvial Interface                 |
| STP1-NW        | 09/02/22                  | 2.00                   | 47.72                 | ND                    | NA                        | 20.87                   | 6,883.63                    | NA                                                | 20 - 50                                    | Chinle/Alluvial Interface                 |
| STP1-NW        | 10/05/22                  | 2.00                   | 47.72                 | ND                    | NA                        | 21.16                   | 6,883.34                    | NA                                                | 20 - 50                                    | Chinle/Alluvial Interface                 |
| STP1-NW        | 11/02/22                  | 2.00                   | 47.72                 | ND                    | NA                        | 21.29                   | 6,883.21                    | NA                                                | 20 - 50                                    | Chinle/Alluvial Interface                 |
| STP1-NW        | 12/15/22                  | 2.00                   | 47.72                 | ND                    | NA                        | 21.28                   | 6,883.22                    | NA                                                | 20 - 50                                    | Chinle/Alluvial Interface                 |
| STP1-NW        | 01/11/23                  | 2.00                   | 47.72                 | ND                    | NA                        | 21.28                   | 6,883.22                    | NA                                                | 20 - 50                                    | Chinle/Alluvial Interface                 |
| STP1-NW        | 02/27/23                  | 2.00                   | 47.72                 | ND                    | NA                        | 22.06                   | 6,882.44                    | NA                                                | 20 - 50                                    | Chinle/Alluvial Interface                 |
| STP1-NW        | 03/07/23                  | 2.00                   | 47.72                 | ND                    | NA                        | 20.55                   | 6,883.95                    | NA                                                | 20 - 50                                    | Chinle/Alluvial Interface                 |
| STP1-NW        | 04/12/23                  | 2.00                   | 47.72                 | ND                    | NA                        | 20.46                   | 6,884.04                    | NA                                                | 20 - 50                                    | Chinle/Alluvial Interface                 |
| STP1-NW        | 05/15/23                  | 2.00                   | 47.72                 | ND                    | NA                        | 20.54                   | 6,883.96                    | NA                                                | 20 - 50                                    | Chinle/Alluvial Interface                 |
| STP1-NW        | 6/2/2023                  | 2.00                   | 47.72                 | ND                    | NA                        | 20.81                   | 6,883.69                    | NA                                                | 20 - 50                                    | Chinle/Alluvial Interface                 |
| STP1-NW        | 7/25/2023                 | 2.00                   | 47.72                 | ND                    | NA                        | 21.05                   | 6,883.45                    | NA                                                | 20 - 50                                    | Chinle/Alluvial Interface                 |
| STP1-NW        | 8/18/2023                 | 2.00                   | 47.72                 | ND                    | NA                        | 20.58                   | 6,883.92                    | NA                                                | 20 - 50                                    | Chinle/Alluvial Interface                 |
| STP1-NW        | 9/7/2023                  | 2.00                   | 47.72                 | ND                    | NA                        | 21.15                   | 6,883.35                    | NA                                                | 20 - 50                                    | Chinle/Alluvial Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |



**TABLE 3B. FLUID LEVEL MEASUREMENTS FOR NON MKTF WELLS  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| STP1-SW        | 06/03/21                  | 2.00                   | 29.16                 | ND                    | NA                        | 28.99                   | 6,883.41                    | NA                                                | 15 - 30                                    | Chinle/Alluvial Interface                 |
| STP1-SW        | 07/12/21                  | 2.00                   | 29.16                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 15 - 30                                    | Chinle/Alluvial Interface                 |
| STP1-SW        | 08/31/21                  | 2.00                   | 29.16                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 15 - 30                                    | Chinle/Alluvial Interface                 |
| STP1-SW        | 09/08/21                  | 2.00                   | 29.16                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 15 - 30                                    | Chinle/Alluvial Interface                 |
| STP1-SW        | 10/27/21                  | 2.00                   | 29.16                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 15 - 30                                    | Chinle/Alluvial Interface                 |
| STP1-SW        | 11/17/21                  | 2.00                   | 29.16                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 15 - 30                                    | Chinle/Alluvial Interface                 |
| STP1-SW        | 12/09/21                  | 2.00                   | 29.16                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 15 - 30                                    | Chinle/Alluvial Interface                 |
| STP1-SW        | 01/10/22                  | 2.00                   | 29.16                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 15 - 30                                    | Chinle/Alluvial Interface                 |
| STP1-SW        | 02/28/22                  | 2.00                   | 29.16                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 15 - 30                                    | Chinle/Alluvial Interface                 |
| STP1-SW        | 03/02/22                  | 2.00                   | 29.16                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 15 - 30                                    | Chinle/Alluvial Interface                 |
| STP1-SW        | 04/27/22                  | 2.00                   | 29.16                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 15 - 30                                    | Chinle/Alluvial Interface                 |
| STP1-SW        | 05/05/22                  | 2.00                   | 29.16                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 15 - 30                                    | Chinle/Alluvial Interface                 |
| STP1-SW        | 06/01/22                  | 2.00                   | 29.16                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 15 - 30                                    | Chinle/Alluvial Interface                 |
| STP1-SW        | 07/07/22                  | 2.00                   | 29.16                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 15 - 30                                    | Chinle/Alluvial Interface                 |
| STP1-SW        | 08/09/22                  | 2.00                   | 29.16                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 15 - 30                                    | Chinle/Alluvial Interface                 |
| STP1-SW        | 09/02/22                  | 2.00                   | 29.16                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 15 - 30                                    | Chinle/Alluvial Interface                 |
| STP1-SW        | 10/05/22                  | 2.00                   | 29.16                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 15 - 30                                    | Chinle/Alluvial Interface                 |
| STP1-SW        | 11/02/22                  | 2.00                   | 29.16                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 15 - 30                                    | Chinle/Alluvial Interface                 |
| STP1-SW        | 12/06/22                  | 2.00                   | 29.16                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 15 - 30                                    | Chinle/Alluvial Interface                 |
| STP1-SW        | 01/11/23                  | 2.00                   | 29.16                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 15 - 30                                    | Chinle/Alluvial Interface                 |
| STP1-SW        | 02/27/23                  | 2.00                   | 29.16                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 15 - 30                                    | Chinle/Alluvial Interface                 |
| STP1-SW        | 03/07/23                  | 2.00                   | 29.16                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 15 - 30                                    | Chinle/Alluvial Interface                 |
| STP1-SW        | 04/12/23                  | 2.00                   | 29.16                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 15 - 30                                    | Chinle/Alluvial Interface                 |
| STP1-SW        | 05/15/23                  | 2.00                   | 29.16                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 15 - 30                                    | Chinle/Alluvial Interface                 |
| STP1-SW        | 06/02/23                  | 2.00                   | 29.16                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 15 - 30                                    | Chinle/Alluvial Interface                 |
| STP1-SW        | 07/25/23                  | 2.00                   | 29.16                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 15 - 30                                    | Chinle/Alluvial Interface                 |
| STP1-SW        | 08/18/23                  | 2.00                   | 29.16                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 15 - 30                                    | Chinle/Alluvial Interface                 |
| STP1-SW        | 09/07/23                  | 2.00                   | 29.16                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 15 - 30                                    | Chinle/Alluvial Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3B. FLUID LEVEL MEASUREMENTS FOR NON MKTF WELLS  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| OW-70          | 09/08/21                  | 2.00                   | 47.70                 | ND                    | NA                        | 28.53                   | 6,914.54                    | NA                                                | 32 - 47                                    | Chinle/Alluvial Interface                 |
| OW-70          | 12/16/21                  | 2.00                   | 47.37                 | ND                    | NA                        | 28.71                   | 6,914.36                    | NA                                                | 32 - 47                                    | Chinle/Alluvial Interface                 |
| OW-70          | 03/02/22                  | 2.00                   | 47.37                 | ND                    | NA                        | 28.76                   | 6,914.31                    | NA                                                | 32 - 47                                    | Chinle/Alluvial Interface                 |
| OW-70          | 06/01/22                  | 2.00                   | 47.37                 | ND                    | NA                        | 29.24                   | 6,913.83                    | NA                                                | 32 - 47                                    | Chinle/Alluvial Interface                 |
| OW-70          | 09/02/22                  | 2.00                   | 47.37                 | ND                    | NA                        | 29.41                   | 6,913.66                    | NA                                                | 32 - 47                                    | Chinle/Alluvial Interface                 |
| OW-70          | 10/05/22                  | 2.00                   | 47.37                 | ND                    | NA                        | 29.53                   | 6,913.54                    | NA                                                | 32 - 47                                    | Chinle/Alluvial Interface                 |
| OW-70          | 11/02/22                  | 2.00                   | 47.37                 | ND                    | NA                        | 29.62                   | 6,913.45                    | NA                                                | 32 - 47                                    | Chinle/Alluvial Interface                 |
| OW-70          | 12/14/22                  | 2.00                   | 47.37                 | ND                    | NA                        | 29.07                   | 6,914.00                    | NA                                                | 32 - 47                                    | Chinle/Alluvial Interface                 |
| OW-70          | 01/11/23                  | 2.00                   | 47.37                 | ND                    | NA                        | 29.10                   | 6,913.97                    | NA                                                | 32 - 47                                    | Chinle/Alluvial Interface                 |
| OW-70          | 02/27/23                  | 2.00                   | 47.37                 | ND                    | NA                        | 29.42                   | 6,913.65                    | NA                                                | 32 - 47                                    | Chinle/Alluvial Interface                 |
| OW-70          | 03/07/23                  | 2.00                   | 47.37                 | ND                    | NA                        | 29.71                   | 6,913.36                    | NA                                                | 32 - 47                                    | Chinle/Alluvial Interface                 |
| OW-70          | 04/13/23                  | 2.00                   | 47.37                 | ND                    | NA                        | 29.10                   | 6,913.97                    | NA                                                | 32 - 47                                    | Chinle/Alluvial Interface                 |
| OW-70          | 05/16/23                  | 2.00                   | 47.37                 | ND                    | NA                        | 29.24                   | 6,913.83                    | NA                                                | 32 - 47                                    | Chinle/Alluvial Interface                 |
| OW-70          | 06/02/23                  | 2.00                   | 47.37                 | ND                    | NA                        | 29.75                   | 6,913.32                    | NA                                                | 32 - 47                                    | Chinle/Alluvial Interface                 |
| OW-70          | 07/25/23                  | 2.00                   | 47.37                 | ND                    | NA                        | 29.64                   | 6,913.43                    | NA                                                | 32 - 47                                    | Chinle/Alluvial Interface                 |
| OW-70          | 08/23/23                  | 2.00                   | 47.37                 | ND                    | NA                        | 30.15                   | 6,912.92                    | NA                                                | 32 - 47                                    | Chinle/Alluvial Interface                 |
| OW-70          | 09/07/23                  | 2.00                   | 47.37                 | ND                    | NA                        | 30.12                   | 6,912.95                    | NA                                                | 32 - 47                                    | Chinle/Alluvial Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

**TABLE 3B. FLUID LEVEL MEASUREMENTS FOR NON MKTF WELLS  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft-bgs) | SPH Column Thickness (ft) | Depth to Water (ft-bgs) | Ground water Elevation (ft) | Corrected Water Table <sup>1</sup> Elevation (ft) | Screened Interval Depth Top to Bottom (ft) | Stratigraphic unit in which screen exists |
|----------------|---------------------------|------------------------|-----------------------|-----------------------|---------------------------|-------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------|-------------------------------------------|
| OW-12A         | 09/08/21                  | 2.00                   | 35.50                 | ND                    | NA                        | DRY                     | NA                          | NA                                                | 20 - 35                                    | Chinle/Alluvial Interface                 |
| OW-12A         | 12/16/21                  | 2.00                   | 33.20                 | ND                    | NA                        | 26.14                   | 6,917.51                    | NA                                                | 20 - 35                                    | Chinle/Alluvial Interface                 |
| OW-12A         | 03/02/22                  | 2.00                   | 33.20                 | ND                    | NA                        | 26.25                   | 6,917.40                    | NA                                                | 20 - 35                                    | Chinle/Alluvial Interface                 |
| OW-12A         | 06/01/22                  | 2.00                   | 33.20                 | ND                    | NA                        | 26.79                   | 6,916.86                    | NA                                                | 20 - 35                                    | Chinle/Alluvial Interface                 |
| OW-12A         | 09/02/22                  | 2.00                   | 33.20                 | ND                    | NA                        | 26.61                   | 6,917.04                    | NA                                                | 20 - 35                                    | Chinle/Alluvial Interface                 |
| OW-12A         | 10/04/22                  | 2.00                   | 33.20                 | ND                    | NA                        | 26.59                   | 6,917.06                    | NA                                                | 20 - 35                                    | Chinle/Alluvial Interface                 |
| OW-12A         | 11/03/22                  | 2.00                   | 33.20                 | ND                    | NA                        | 26.65                   | 6,917.00                    | NA                                                | 20 - 35                                    | Chinle/Alluvial Interface                 |
| OW-12A         | 12/07/22                  | 2.00                   | 33.20                 | ND                    | NA                        | 27.24                   | 6,916.41                    | NA                                                | 20 - 35                                    | Chinle/Alluvial Interface                 |
| OW-12A         | 01/11/23                  | 2.00                   | 33.20                 | ND                    | NA                        | 26.63                   | 6,917.02                    | NA                                                | 20 - 35                                    | Chinle/Alluvial Interface                 |
| OW-12A         | 02/27/23                  | 2.00                   | 33.20                 | ND                    | NA                        | 26.56                   | 6,917.09                    | NA                                                | 20 - 35                                    | Chinle/Alluvial Interface                 |
| OW-12A         | 03/07/23                  | 2.00                   | 33.20                 | ND                    | NA                        | 26.00                   | 6,917.65                    | NA                                                | 20 - 35                                    | Chinle/Alluvial Interface                 |
| OW-12A         | 04/13/23                  | 2.00                   | 33.20                 | ND                    | NA                        | 25.97                   | 6,917.68                    | NA                                                | 20 - 35                                    | Chinle/Alluvial Interface                 |
| OW-12A         | 05/16/23                  | 2.00                   | 33.20                 | ND                    | NA                        | 26.71                   | 6,916.94                    | NA                                                | 20 - 35                                    | Chinle/Alluvial Interface                 |
| OW-12A         | 06/02/23                  | 2.00                   | 33.20                 | ND                    | NA                        | 26.97                   | 6,916.68                    | NA                                                | 20 - 35                                    | Chinle/Alluvial Interface                 |
| OW-12A         | 07/25/23                  | 2.00                   | 33.20                 | ND                    | NA                        | 26.99                   | 6,916.66                    | NA                                                | 20 - 35                                    | Chinle/Alluvial Interface                 |
| OW-12A         | 08/23/23                  | 2.00                   | 33.20                 | ND                    | NA                        | 26.44                   | 6,917.21                    | NA                                                | 20 - 35                                    | Chinle/Alluvial Interface                 |
| OW-12A         | 09/07/23                  | 2.00                   | 33.20                 | ND                    | NA                        | 26.39                   | 6,917.26                    | NA                                                | 20 - 35                                    | Chinle/Alluvial Interface                 |
|                |                           |                        |                       |                       |                           |                         |                             |                                                   |                                            |                                           |

Notes:

<sup>1</sup> = Corrected water table elevation calculation = (SPH thickness x 0.8) + ground water elevation

ft = feet

ft-bgs = feet below ground surface

SPH = separate phase hydrocarbon

NA = Not Applicable

ND = Not Detected

NM = Not Measured

Depth to Water Column - if 0.00 is indicated - means water is at top of casing (full) under artesian flow conditions

Dry indicates no fluid was detected

TABLE 4A. JULY VACUUM TRUCK EXTRACTIONS - MKTF WELLS  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date      | DTP<br>(ft) <sup>1</sup> | DTW<br>(ft) <sup>1</sup> | Recovery Method | Product<br>Thickness<br>(ft) | Volume/Foot<br>(gal/ft)     | Total Fluids<br>Pumped/<br>Recovered<br>(gal) | Water<br>Volume<br>Recovered<br>(gal) | Product Volume<br>Recovered<br>(gal) | Total<br>Depth (ft) <sup>1</sup> | Casing<br>Diameter<br>(in) | Comments |
|----------|-----------|--------------------------|--------------------------|-----------------|------------------------------|-----------------------------|-----------------------------------------------|---------------------------------------|--------------------------------------|----------------------------------|----------------------------|----------|
| MKTF-03  | 7/18/2023 | 9.10                     | 10.25                    | Vac Truck       | 1.15                         | 0.74                        | 7.06                                          | 6.21                                  | 0.851                                | 18.64                            | 4                          |          |
| MKTF-03  | 7/19/2023 | 9.30                     | 9.86                     | Post Recovery   | 0.56                         |                             |                                               |                                       |                                      |                                  |                            |          |
| MKTF-05  | 7/18/2023 | 15.88                    | 16.30                    | Vac Truck       | 0.42                         | 0.74                        | 1.38                                          | 1.07                                  | 0.311                                | 17.75                            | 4                          |          |
| MKTF-05  | 7/19/2023 | 15.84                    | 16.02                    | Post Recovery   | 0.18                         |                             |                                               |                                       |                                      |                                  |                            |          |
| MKTF-06  | 7/18/2023 | 18.95                    | 20.12                    | Vac Truck       | 1.17                         | 0.74                        | 3.63                                          | 2.77                                  | 0.866                                | 23.86                            | 4                          |          |
| MKTF-06  | 7/19/2023 | 19.05                    | 20.24                    | Post Recovery   | 1.19                         |                             |                                               |                                       |                                      |                                  |                            |          |
| MKTF-07  | 7/18/2023 | 14.90                    | 15.00                    | Vac Truck       | 0.1                          | 0.74                        | 2.18                                          | 2.11                                  | 0.074                                | 17.85                            | 4                          |          |
| MKTF-07  | 7/19/2023 | 15.05                    | 15.07                    | Post Recovery   | 0.02                         |                             |                                               |                                       |                                      |                                  |                            |          |
| MKTF-08  | 7/18/2023 | 15.90                    | 17.04                    | Vac Truck       | 1.14                         | 0.74                        | 4.54                                          | 3.69                                  | 0.844                                | 22.03                            | 4                          |          |
| MKTF-08  | 7/19/2023 | 16.04                    | 16.28                    | Post Recovery   | 0.24                         |                             |                                               |                                       |                                      |                                  |                            |          |
| MKTF-13  | 7/18/2023 | 14.40                    | 18.10                    | Vac Truck       | 3.7                          | 0.74                        | 5.44                                          | 2.70                                  | 2.738                                | 21.75                            | 4                          |          |
| MKTF-13  | 7/19/2023 | 14.82                    | 16.11                    | Post Recovery   | 1.29                         |                             |                                               |                                       |                                      |                                  |                            |          |
| MKTF-14  | 7/18/2023 | 8.38                     | 9.00                     | Vac Truck       | 0.62                         | 0.74                        | 6.81                                          | 6.35                                  | 0.459                                | 17.58                            | 4                          |          |
| MKTF-14  | 7/19/2023 | 8.40                     | 8.83                     | Post Recovery   | 0.43                         |                             |                                               |                                       |                                      |                                  |                            |          |
| MKTF-15  | 7/18/2023 | 14.48                    | 15.12                    | Vac Truck       | 0.64                         | 0.16                        | 0.82                                          | 0.72                                  | 0.102                                | 19.61                            | 2                          |          |
| MKTF-15  | 7/19/2023 | 14.45                    | 15.00                    | Post Recovery   | 0.55                         |                             |                                               |                                       |                                      |                                  |                            |          |
| MKTF-17R | 7/18/2023 | 12.65                    | 12.70                    | Vac Truck       | 0.05                         | 0.16                        | 1.26                                          | 1.25                                  | 0.008                                | 20.50                            | 2                          |          |
| MKTF-17R | 7/19/2023 | 12.67                    | 12.69                    | Post Recovery   | 0.02                         |                             |                                               |                                       |                                      |                                  |                            |          |
| MKTF-19  | 7/18/2023 | 14.15                    | 14.38                    | Vac Truck       | 0.23                         | 0.16                        | 0.85                                          | 0.81                                  | 0.037                                | 19.45                            | 2                          |          |
| MKTF-19  | 7/19/2023 | 14.18                    | 14.29                    | Post Recovery   | 0.11                         |                             |                                               |                                       |                                      |                                  |                            |          |
| MKTF-22  | 7/18/2023 | 26.10                    | 28.22                    | Vac Truck       | 2.12                         | 0.16                        | 1.54                                          | 1.20                                  | 0.339                                | 35.70                            | 2                          |          |
| MKTF-22  | 7/19/2023 | 26.19                    | 27.97                    | Post Recovery   | 1.78                         |                             |                                               |                                       |                                      |                                  |                            |          |
| MKTF-39  | 7/18/2023 | 10.55                    | 11.12                    | Vac Truck       | 0.57                         | 0.16                        | 0.74                                          | 0.65                                  | 0.091                                | 15.20                            | 2                          |          |
| MKTF-39  | 7/19/2023 | 10.23                    | 10.81                    | Post Recovery   | 0.58                         |                             |                                               |                                       |                                      |                                  |                            |          |
| MKTF-49  | 7/18/2023 | 21.80                    | 22.25                    | Vac Truck       | 0.45                         | 0.16                        | 0.52                                          | 0.44                                  | 0.072                                | 25.02                            | 2                          |          |
| MKTF-49  | 7/19/2023 | 22.19                    | 22.87                    | Post Recovery   | 0.68                         |                             |                                               |                                       |                                      |                                  |                            |          |
|          |           |                          |                          |                 |                              | Total<br>Extracted<br>(gal) | 36.76                                         | 29.97                                 | 6.79                                 |                                  |                            |          |

Notes:  
1 = depth recorded from the top of the well casing  
DTP = Depth to product  
DTW = Depth to water  
SPH = Separate Phase Hydrocarbon  
NA = Not Applicable  
ft = feet  
gal = gallons  
in = inches  
Vac = Vacuum



TABLE 4B. JULY VACUUM TRUCK EXTRACTIONS - TANK FARM WELLS  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date      | DTP<br>(ft) <sup>1</sup> | DTW<br>(ft) <sup>1</sup> | Recovery Method | Product<br>Thickness<br>(ft) | Volume/Foot<br>(gal/ft)     | Total Fluids<br>Pumped/<br>Recovered<br>(gal) | Water<br>Volume<br>Recovered<br>(gal) | Product Volume<br>Recovered<br>(gal) | Total<br>Depth (ft) <sup>1</sup> | Casing<br>Diameter<br>(in) | Comments                           |
|----------|-----------|--------------------------|--------------------------|-----------------|------------------------------|-----------------------------|-----------------------------------------------|---------------------------------------|--------------------------------------|----------------------------------|----------------------------|------------------------------------|
| OW-58A   | 7/10/2023 | 28.25                    | 34.10                    | Vac Truck       | 5.85                         | 0.74                        | 5.99                                          | 1.67                                  | 4.329                                | 36.4                             | 4                          |                                    |
| OW-58A   | 7/11/2023 | 27.65                    | 33.73                    | Post Recovery   | 6.08                         |                             |                                               |                                       |                                      |                                  |                            |                                    |
| OW-58A   | 7/18/2023 | 28.45                    | 33.80                    | Vac Truck       | 5.35                         | 0.74                        | 5.85                                          | 1.89                                  | 3.959                                | 36.4                             | 4                          | Second vac truck recovery of month |
| OW-58A   | 7/19/2023 | 27.69                    | 32.86                    | Post Recovery   | 5.17                         |                             |                                               |                                       |                                      |                                  |                            |                                    |
| OW-61    | 7/11/2023 | 25.06                    | 26.20                    | Vac Truck       | 1.14                         | 0.74                        | 7.25                                          | 6.41                                  | 0.844                                | 34.9                             | 4                          |                                    |
| OW-61    | 7/12/2023 | 23.98                    | 25.03                    | Post Recovery   | 1.05                         |                             |                                               |                                       |                                      |                                  |                            |                                    |
| OW-65    | 7/11/2023 | 33.60                    | 33.85                    | Vac Truck       | 0.25                         | 0.74                        | 4.37                                          | 4.19                                  | 0.185                                | 39.5                             | 4                          |                                    |
| OW-65    | 7/12/2023 | 31.21                    | 31.44                    | Post Recovery   | 0.23                         |                             |                                               |                                       |                                      |                                  |                            |                                    |
| OW-66    | 7/11/2023 | 18.85                    | 20.90                    | Vac Truck       | 2.05                         | 0.16                        | 0.98                                          | 0.66                                  | 0.328                                | 25.0                             | 2                          |                                    |
| OW-66    | 7/12/2023 | 17.66                    | 19.71                    | Post Recovery   | 2.05                         |                             |                                               |                                       |                                      |                                  |                            |                                    |
| OW-66    | 7/18/2023 | 18.94                    | 20.96                    | Vac Truck       | 2.02                         | 0.16                        | 0.97                                          | 0.65                                  | 0.323                                | 25.0                             | 2                          | Second vac truck recovery of month |
| OW-66    | 7/19/2023 | 18.91                    | 20.92                    | Post Recovery   | 2.01                         |                             |                                               |                                       |                                      |                                  |                            |                                    |
| RW-1     | 7/18/2023 | 31.82                    | 35.50                    | Vac Truck       | 3.68                         | 0.74                        | 8.61                                          | 5.88                                  | 2.723                                | 43.5                             | 4                          |                                    |
| RW-1     | 7/19/2023 | 29.91                    | 32.63                    | Post Recovery   | 2.72                         |                             |                                               |                                       |                                      |                                  |                            |                                    |
| RW-2R    | 7/10/2023 | 25.65                    | 25.80                    | Vac Truck       | 0.15                         | 0.74                        | 4.33                                          | 4.22                                  | 0.111                                | 31.5                             | 4                          |                                    |
| RW-2R    | 7/11/2023 | 23.53                    | 23.68                    | Post Recovery   | 0.15                         |                             |                                               |                                       |                                      |                                  |                            |                                    |
| RW-5     | 7/11/2023 | 32.40                    | 33.84                    | Vac Truck       | 1.44                         | 0.74                        | 5.25                                          | 4.19                                  | 1.066                                | 39.5                             | 4                          |                                    |
| RW-5     | 7/12/2023 | 30.23                    | 31.50                    | Post Recovery   | 1.27                         |                             |                                               |                                       |                                      |                                  |                            |                                    |
| RW-6     | 7/11/2023 | 32.78                    | 34.12                    | Vac Truck       | 1.34                         | 0.74                        | 5.97                                          | 4.98                                  | 0.992                                | 40.9                             | 4                          |                                    |
| RW-6     | 7/12/2023 | 30.71                    | 32.72                    | Post Recovery   | 2.01                         |                             |                                               |                                       |                                      |                                  |                            |                                    |
|          |           |                          |                          |                 |                              | Total<br>Extracted<br>(gal) | 49.58                                         | 34.72                                 | 14.86                                |                                  |                            |                                    |

Notes:  
<sup>1</sup> = depth recorded from the top of the well casing  
DTP = Depth to product  
DTW = Depth to water  
SPH = Separate Phase Hydrocarbon  
NA = Not Applicable  
ft = feet  
gal = gallons  
in = inches  
Vac = Vacuum

TABLE 4C. AUGUST VACUUM TRUCK EXTRACTIONS - MKTF WELLS  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date      | DTP<br>(ft) <sup>1</sup> | DTW<br>(ft) <sup>1</sup> | Recovery Method | Product<br>Thickness<br>(ft) | Volume/Foot<br>(gal/ft)     | Total Fluids<br>Pumped/<br>Recovered<br>(gal) | Water<br>Volume<br>Recovered<br>(gal) | Product Volume<br>Recovered<br>(gal) | Total<br>Depth (ft) <sup>1</sup> | Casing<br>Diameter<br>(in) | Comments                         |
|----------|-----------|--------------------------|--------------------------|-----------------|------------------------------|-----------------------------|-----------------------------------------------|---------------------------------------|--------------------------------------|----------------------------------|----------------------------|----------------------------------|
| MKTF-03  | 8/21/2023 | 8.95                     | 10.3                     | Vac Truck       | 1.35                         | 0.74                        | 7.17                                          | 6.17                                  | 0.999                                | 18.64                            | 4                          |                                  |
| MKTF-03  | 8/22/2023 | 9.08                     | 9.57                     | Post Recovery   | 0.49                         |                             |                                               |                                       |                                      |                                  |                            |                                  |
| MKTF-05  | 8/21/2023 | 15.15                    | 15.6                     | Vac Truck       | 0.45                         | 0.74                        | 1.92                                          | 1.59                                  | 0.333                                | 17.75                            | 4                          |                                  |
| MKTF-05  | 8/22/2023 | 15.22                    | 15.37                    | Post Recovery   | 0.15                         |                             |                                               |                                       |                                      |                                  |                            |                                  |
| MKTF-06  | 8/21/2023 | NA                       | NA                       | Vac Truck       | NA                           | 0.74                        | 0.00                                          | 0.00                                  | 0.000                                | 23.86                            | 4                          | Could not access due to mud      |
| MKTF-06  | 8/22/2023 | NA                       | NA                       | Post Recovery   | NA                           |                             |                                               |                                       |                                      |                                  |                            | Could not access due to mud      |
| MKTF-07  | 8/21/2023 | 14.95                    | 15.00                    | Vac Truck       | 0.05                         | 0.74                        | 2.15                                          | 2.11                                  | 0.037                                | 17.85                            | 4                          |                                  |
| MKTF-07  | 8/22/2023 | 15.17                    | 15.18                    | Post Recovery   | 0.01                         |                             |                                               |                                       |                                      |                                  |                            |                                  |
| MKTF-08  | 8/21/2023 | 16.00                    | 16.95                    | Vac Truck       | 0.95                         | 0.74                        | 4.46                                          | 3.76                                  | 0.703                                | 22.03                            | 4                          |                                  |
| MKTF-08  | 8/22/2023 | 16.10                    | 16.42                    | Post Recovery   | 0.32                         |                             |                                               |                                       |                                      |                                  |                            |                                  |
| MKTF-13  | 8/21/2023 | 13.40                    | 18.50                    | Vac Truck       | 5.1                          | 0.74                        | 6.18                                          | 2.41                                  | 3.774                                | 21.75                            | 4                          |                                  |
| MKTF-13  | 8/22/2023 | 13.97                    | 16.32                    | Post Recovery   | 2.35                         |                             |                                               |                                       |                                      |                                  |                            |                                  |
| MKTF-14  | 8/21/2023 | 7.80                     | 8.80                     | Vac Truck       | 1                            | 0.74                        | 7.24                                          | 6.50                                  | 0.740                                | 17.58                            | 4                          |                                  |
| MKTF-14  | 8/22/2023 | 7.92                     | 8.75                     | Post Recovery   | 0.83                         |                             |                                               |                                       |                                      |                                  |                            |                                  |
| MKTF-15  | 8/21/2023 | 14.60                    | 15.45                    | Vac Truck       | 0.85                         | 0.16                        | 0.80                                          | 0.67                                  | 0.136                                | 19.61                            | 2                          |                                  |
| MKTF-15  | 8/22/2023 | 14.55                    | 15.35                    | Post Recovery   | 0.8                          |                             |                                               |                                       |                                      |                                  |                            |                                  |
| MKTF-17R | 8/21/2023 | 12.70                    | 12.82                    | Vac Truck       | 0.12                         | 0.16                        | 1.25                                          | 1.23                                  | 0.019                                | 20.50                            | 2                          |                                  |
| MKTF-17R | 8/22/2023 | 12.73                    | 12.76                    | Post Recovery   | 0.03                         |                             |                                               |                                       |                                      |                                  |                            |                                  |
| MKTF-19  | 8/21/2023 | 14.22                    | 14.48                    | Vac Truck       | 0.26                         | 0.16                        | 0.84                                          | 0.80                                  | 0.042                                | 19.45                            | 2                          |                                  |
| MKTF-19  | 8/22/2023 | 14.22                    | 14.30                    | Post Recovery   | 0.08                         |                             |                                               |                                       |                                      |                                  |                            |                                  |
| MKTF-22  | 8/21/2023 | 25.20                    | 27.95                    | Vac Truck       | 2.75                         | 0.16                        | 1.68                                          | 1.24                                  | 0.440                                | 35.70                            | 2                          |                                  |
| MKTF-22  | 8/22/2023 | 26.30                    | 27.77                    | Post Recovery   | 1.47                         |                             |                                               |                                       |                                      |                                  |                            |                                  |
| MKTF-39  | 8/29/2023 | 10.30                    | 11.10                    | Vac Truck       | 0.8                          | 0.16                        | 2.36                                          | 2.23                                  | 0.128                                | 25.02                            | 2                          |                                  |
| MKTF-39  | 8/30/2023 | NM                       | NM                       | Post Recovery   | NA                           |                             |                                               |                                       |                                      |                                  |                            | Post recovery fluid level missed |
| MKTF-49  | 8/21/2023 | 22.32                    | 23.14                    | Vac Truck       | 0.82                         | 0.16                        | 0.43                                          | 0.30                                  | 0.131                                | 25.02                            | 2                          |                                  |
| MKTF-49  | 8/22/2023 | 22.84                    | 22.76                    | Post Recovery   | -0.08                        |                             |                                               |                                       |                                      |                                  |                            |                                  |
|          |           |                          |                          |                 |                              | Total<br>Extracted<br>(gal) | 36.47                                         | 28.99                                 | 7.48                                 |                                  |                            |                                  |

Notes:  
<sup>1</sup> = depth recorded from the top of the well casing  
DTP = Depth to product  
DTW = Depth to water  
SPH = Separate Phase Hydrocarbon  
NA = Not Applicable  
NM = Not Measured  
ft = feet  
gal = gallons  
in = inches  
Vac = Vacuum

TABLE 4D. AUGUST VACUUM TRUCK EXTRACTIONS - TANK FARM WELLS  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date      | DTP<br>(ft) <sup>1</sup> | DTW<br>(ft) <sup>1</sup> | Recovery Method | Product<br>Thickness<br>(ft) | Volume/Foot<br>(gal/ft)     | Total Fluids<br>Pumped/<br>Recovered<br>(gal) | Water<br>Volume<br>Recovered<br>(gal) | Product Volume<br>Recovered<br>(gal) | Total<br>Depth (ft) <sup>1</sup> | Casing<br>Diameter<br>(in) | Comments                           |
|----------|-----------|--------------------------|--------------------------|-----------------|------------------------------|-----------------------------|-----------------------------------------------|---------------------------------------|--------------------------------------|----------------------------------|----------------------------|------------------------------------|
| OW-55    | 8/21/2023 | 19.55                    | 21.70                    | Vac Truck       | 2.15                         | 0.16                        | 1.43                                          | 1.09                                  | 0.344                                | 28.5                             | 2                          |                                    |
| OW-55    | 8/22/2023 | 19.56                    | 21.59                    | Post Recovery   | 2.03                         |                             |                                               |                                       |                                      |                                  |                            |                                    |
| OW-55    | 8/29/2023 | 19.60                    | 21.75                    | Vac Truck       | 2.15                         | 0.16                        | 1.42                                          | 1.08                                  | 0.344                                | 28.5                             | 2                          | Second vac truck recovery of month |
| OW-58A   | 8/21/2023 | 28.50                    | 37.70                    | Vac Truck       | 9.2                          | 0.74                        | 5.81                                          | -1.00                                 | 6.808                                | 36.4                             | 4                          |                                    |
| OW-58A   | 8/22/2023 | 28.65                    | 33.81                    | Post Recovery   | 5.16                         |                             |                                               |                                       |                                      |                                  |                            |                                    |
| OW-58A   | 8/29/2023 | 28.47                    | 34.72                    | Vac Truck       | 6.25                         | 0.74                        | 5.83                                          | 1.21                                  | 4.625                                | 36.4                             | 4                          | Second vac truck recovery of month |
| OW-61    | 8/21/2023 | 25.15                    | 26.09                    | Vac Truck       | 0.94                         | 0.74                        | 7.19                                          | 6.49                                  | 0.696                                | 34.9                             | 4                          |                                    |
| OW-61    | 8/21/2023 | 25.30                    | 25.45                    | Post Recovery   | 0.15                         |                             |                                               |                                       |                                      |                                  |                            |                                    |
| OW-65    | 8/21/2023 | 33.85                    | 34.00                    | Vac Truck       | 0.15                         | 0.74                        | 4.19                                          | 4.08                                  | 0.111                                | 39.5                             | 4                          |                                    |
| OW-65    | 8/22/2023 | 33.80                    | 33.82                    | Post Recovery   | 0.02                         |                             |                                               |                                       |                                      |                                  |                            |                                    |
| OW-66    | 8/21/2023 | 19.17                    | 21.10                    | Vac Truck       | 1.93                         | 0.16                        | 0.93                                          | 0.62                                  | 0.309                                | 25.0                             | 2                          |                                    |
| OW-66    | 8/22/2023 | 19.13                    | 21.02                    | Post Recovery   | 1.89                         |                             |                                               |                                       |                                      |                                  |                            |                                    |
| OW-66    | 8/29/2023 | 19.20                    | 21.10                    | Vac Truck       | 1.9                          | 0.16                        | 0.93                                          | 0.62                                  | 0.304                                | 25.0                             | 2                          | Second vac truck recovery of month |
| RW-1     | 8/21/2023 | 32.05                    | 35.68                    | Vac Truck       | 3.63                         | 0.74                        | 8.44                                          | 5.75                                  | 2.686                                | 43.5                             | 4                          |                                    |
| RW-1     | 8/22/2023 | 31.98                    | 36.00                    | Post Recovery   | 4.02                         |                             |                                               |                                       |                                      |                                  |                            |                                    |
| RW-2R    | 8/21/2023 | 26.00                    | 26.10                    | Vac Truck       | 0.1                          | 0.74                        | 4.07                                          | 4.00                                  | 0.074                                | 31.5                             | 4                          |                                    |
| RW-2R    | 8/22/2023 | 25.95                    | 26.06                    | Post Recovery   | 0.11                         |                             |                                               |                                       |                                      |                                  |                            |                                    |
| RW-5     | 8/21/2023 | 32.55                    | 33.75                    | Vac Truck       | 1.2                          | 0.74                        | 5.14                                          | 4.26                                  | 0.888                                | 39.5                             | 4                          |                                    |
| RW-5     | 8/22/2023 | 32.60                    | 33.46                    | Post Recovery   | 0.86                         |                             |                                               |                                       |                                      |                                  |                            |                                    |
| RW-6     | 8/21/2023 | 32.25                    | 34.25                    | Vac Truck       | 2                            | 0.74                        | 6.36                                          | 4.88                                  | 1.480                                | 40.9                             | 4                          |                                    |
| RW-6     | 8/22/2023 | 32.80                    | 33.88                    | Post Recovery   | 1.08                         |                             |                                               |                                       |                                      |                                  |                            |                                    |
|          |           |                          |                          |                 |                              | Total<br>Extracted<br>(gal) | 45.91                                         | 31.87                                 | 14.04                                |                                  |                            |                                    |

Notes:

<sup>1</sup> = depth recorded from the top of the well casing

DTP = Depth to product

DTW = Depth to water

SPH = Separate Phase Hydrocarbon

NA = Not Applicable

ft = feet

gal = gallons

in = inches

Vac = Vacuum

TABLE 4E. SEPTEMBER VACUUM TRUCK EXTRACTIONS - MKTF WELLS  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date      | DTP<br>(ft) <sup>1</sup> | DTW<br>(ft) <sup>1</sup> | Recovery Method | Product<br>Thickness<br>(ft) | Volume/Foot<br>(gal/ft)     | Total Fluids<br>Pumped/<br>Recovered<br>(gal) | Water<br>Volume<br>Recovered<br>(gal) | Product Volume<br>Recovered<br>(gal) | Total<br>Depth (ft) <sup>1</sup> | Casing<br>Diameter<br>(in) | Comments                         |
|----------|-----------|--------------------------|--------------------------|-----------------|------------------------------|-----------------------------|-----------------------------------------------|---------------------------------------|--------------------------------------|----------------------------------|----------------------------|----------------------------------|
| MKTF-03  | 9/25/2023 | 9.35                     | 11.12                    | Vac Truck       | 1.77                         | 0.74                        | 6.87                                          | 5.56                                  | 1.310                                | 18.64                            | 4                          |                                  |
| MKTF-03  | 9/26/2023 | 9.55                     | 10.26                    | Post Recovery   | 0.71                         |                             |                                               |                                       |                                      |                                  |                            |                                  |
| MKTF-05  | 9/25/2023 | 15.42                    | 16.65                    | Vac Truck       | 1.23                         | 0.74                        | 1.72                                          | 0.81                                  | 0.910                                | 17.75                            | 4                          |                                  |
| MKTF-05  | 9/26/2023 | 15.52                    | 16.14                    | Post Recovery   | 0.62                         |                             |                                               |                                       |                                      |                                  |                            |                                  |
| MKTF-06  | 9/25/2023 | 19.05                    | 20.55                    | Vac Truck       | 1.50                         | 0.74                        | 3.56                                          | 2.45                                  | 1.110                                | 23.86                            | 4                          |                                  |
| MKTF-06  | 9/26/2023 | 19.12                    | 20.05                    | Post Recovery   | 0.93                         |                             |                                               |                                       |                                      |                                  |                            |                                  |
| MKTF-07  | 9/25/2023 | 14.96                    | 15.27                    | Vac Truck       | 0.31                         | 0.74                        | 2.14                                          | 1.91                                  | 0.229                                | 17.85                            | 4                          |                                  |
| MKTF-07  | 9/26/2023 | 15.22                    | 15.28                    | Post Recovery   | 0.06                         |                             |                                               |                                       |                                      |                                  |                            |                                  |
| MKTF-08  | 9/25/2023 | 16.15                    | 16.45                    | Vac Truck       | 0.30                         | 0.74                        | 4.35                                          | 4.13                                  | 0.222                                | 22.03                            | 4                          |                                  |
| MKTF-08  | 9/26/2023 | 16.19                    | 16.52                    | Post Recovery   | 0.33                         |                             |                                               |                                       |                                      |                                  |                            |                                  |
| MKTF-10  | 9/26/2023 | 9.62                     | 16.60                    | Vac Truck       | 6.98                         | 0.74                        | 5.17                                          | 0.01                                  | 5.165                                | 16.61                            | 4                          |                                  |
| MKTF-10  | 9/27/2023 | NM                       | NM                       | Post Recovery   | NA                           |                             |                                               |                                       |                                      |                                  |                            | Post recovery fluid level missed |
| MKTF-13  | 9/25/2023 | 14.67                    | 17.85                    | Vac Truck       | 3.18                         | 0.74                        | 5.24                                          | 2.89                                  | 2.353                                | 21.75                            | 4                          |                                  |
| MKTF-13  | 9/26/2023 | 14.92                    | 16.45                    | Post Recovery   | 1.53                         |                             |                                               |                                       |                                      |                                  |                            |                                  |
| MKTF-14  | 9/25/2023 | 8.57                     | 9.46                     | Vac Truck       | 0.89                         | 0.74                        | 6.67                                          | 6.01                                  | 0.659                                | 17.58                            | 4                          |                                  |
| MKTF-14  | 9/26/2023 | 8.59                     | 9.27                     | Post Recovery   | 0.68                         |                             |                                               |                                       |                                      |                                  |                            |                                  |
| MKTF-15  | 9/25/2023 | 14.82                    | 15.45                    | Vac Truck       | 0.63                         | 0.16                        | 0.77                                          | 0.67                                  | 0.101                                | 19.61                            | 2                          |                                  |
| MKTF-15  | 9/26/2023 | 14.61                    | 15.41                    | Post Recovery   | 0.80                         |                             |                                               |                                       |                                      |                                  |                            |                                  |
| MKTF-17R | 9/25/2023 | 12.76                    | 13.35                    | Vac Truck       | 0.59                         | 0.16                        | 1.24                                          | 1.14                                  | 0.094                                | 20.50                            | 2                          |                                  |
| MKTF-17R | 9/26/2023 | 12.72                    | 12.75                    | Post Recovery   | 0.03                         |                             |                                               |                                       |                                      |                                  |                            |                                  |
| MKTF-19  | 9/25/2023 | 14.35                    | 14.50                    | Vac Truck       | 0.15                         | 0.16                        | 0.82                                          | 0.79                                  | 0.024                                | 19.45                            | 2                          |                                  |
| MKTF-19  | 9/26/2023 | 14.25                    | 14.34                    | Post Recovery   | 0.09                         |                             |                                               |                                       |                                      |                                  |                            |                                  |
| MKTF-22  | 9/25/2023 | 26.32                    | 28.25                    | Vac Truck       | 1.93                         | 0.16                        | 1.50                                          | 1.19                                  | 0.309                                | 35.70                            | 2                          |                                  |
| MKTF-22  | 9/26/2023 | 26.35                    | 28.19                    | Post Recovery   | 1.84                         |                             |                                               |                                       |                                      |                                  |                            |                                  |
| MKTF-39  | 9/25/2023 | 10.27                    | 10.60                    | Vac Truck       | 0.33                         | 0.16                        | 0.79                                          | 0.74                                  | 0.053                                | 15.20                            | 2                          |                                  |
| MKTF-39  | 9/26/2023 | 10.28                    | 10.52                    | Post Recovery   | 0.24                         |                             |                                               |                                       |                                      |                                  |                            |                                  |
| MKTF-49  | 9/25/2023 | 22.52                    | 22.95                    | Vac Truck       | 0.43                         | 0.16                        | 0.40                                          | 0.33                                  | 0.069                                | 25.02                            | 2                          |                                  |
| MKTF-49  | 9/26/2023 | 22.65                    | 22.78                    | Post Recovery   | 0.13                         |                             |                                               |                                       |                                      |                                  |                            |                                  |
|          |           |                          |                          |                 |                              | Total<br>Extracted<br>(gal) | 41.24                                         | 28.63                                 | 12.61                                |                                  |                            |                                  |

Notes:  
<sup>1</sup> = depth recorded from the top of the well casing  
DTP = Depth to product  
DTW = Depth to water  
SPH = Separate Phase Hydrocarbon  
NA = Not Applicable  
NM = Not Measured  
ft = feet  
gal = gallons  
in = inches  
Vac = Vacuum



TABLE 4F. SEPTEMBER VACUUM TRUCK EXTRACTIONS - TANK FARM WELLS  
WESTERN REFINING SOUTHWEST, LLC  
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

| Location | Date      | DTP<br>(ft) <sup>1</sup> | DTW<br>(ft) <sup>1</sup> | Recovery Method | Product<br>Thickness<br>(ft) | Volume/Foot<br>(gal/ft)     | Total Fluids<br>Pumped/<br>Recovered<br>(gal) | Water<br>Volume<br>Recovered<br>(gal) | Product Volume<br>Recovered<br>(gal) | Total<br>Depth (ft) <sup>1</sup> | Casing<br>Diameter<br>(in) | Comments                           |
|----------|-----------|--------------------------|--------------------------|-----------------|------------------------------|-----------------------------|-----------------------------------------------|---------------------------------------|--------------------------------------|----------------------------------|----------------------------|------------------------------------|
| OW-55    | 9/5/2023  | 19.64                    | 21.80                    | Vac Truck       | 2.16                         | 0.16                        | 1.42                                          | 1.07                                  | 0.346                                | 28.5                             | 2                          |                                    |
| OW-55    | 9/6/2023  | 19.65                    | 21.77                    | Post Recovery   | 2.12                         |                             |                                               |                                       |                                      |                                  |                            |                                    |
| OW-55    | 9/25/2023 | 19.73                    | 21.90                    | Vac Truck       | 2.17                         | 0.16                        | 1.40                                          | 1.06                                  | 0.347                                | 28.5                             | 2                          | Second vac truck recovery of month |
| OW-55    | 9/26/2023 | 19.72                    | 21.84                    | Post Recovery   | 2.12                         |                             |                                               |                                       |                                      |                                  |                            |                                    |
| OW-58A   | 9/5/2023  | 28.55                    | 34.87                    | Vac Truck       | 6.32                         | 0.74                        | 5.77                                          | 1.10                                  | 4.677                                | 36.4                             | 4                          |                                    |
| OW-58A   | 9/6/2023  | 28.44                    | 35.66                    | Post Recovery   | 7.22                         |                             |                                               |                                       |                                      |                                  |                            |                                    |
| OW-58A   | 9/7/2023  | 28.58                    | 34.88                    | Vac Truck       | 6.3                          | 0.74                        | 5.75                                          | 1.09                                  | 4.662                                | 36.4                             | 4                          | Second vac truck recovery of month |
| OW-58A   | 9/25/2023 | 28.70                    | 34.85                    | Vac Truck       | 6.15                         | 0.74                        | 5.66                                          | 1.11                                  | 4.551                                | 36.4                             | 4                          | Third vac truck recovery of month  |
| OW-61    | 9/25/2023 | 24.95                    | 26.25                    | Vac Truck       | 1.3                          | 0.74                        | 7.33                                          | 6.37                                  | 0.962                                | 34.9                             | 4                          |                                    |
| OW-61    | 9/26/2023 | 25.10                    | 25.41                    | Post Recovery   | 0.31                         |                             |                                               |                                       |                                      |                                  |                            |                                    |
| OW-65    | 9/25/2023 | 33.96                    | 34.06                    | Vac Truck       | 0.1                          | 0.74                        | 4.11                                          | 4.03                                  | 0.074                                | 39.5                             | 4                          |                                    |
| OW-65    | 9/26/2023 | 33.91                    | 33.93                    | Post Recovery   | 0.02                         |                             |                                               |                                       |                                      |                                  |                            |                                    |
| OW-66    | 9/5/2023  | 19.25                    | 21.20                    | Vac Truck       | 1.95                         | 0.16                        | 0.92                                          | 0.61                                  | 0.312                                | 25.0                             | 2                          |                                    |
| OW-66    | 9/6/2023  | NM                       | NM                       | Post Recovery   | NA                           |                             |                                               |                                       |                                      |                                  |                            | Post recovery fluid level missed   |
| OW-66    | 9/25/2023 | 19.30                    | 21.25                    | Vac Truck       | 1.95                         | 0.16                        | 0.91                                          | 0.60                                  | 0.312                                | 25.0                             | 2                          | Second vac truck recovery of month |
| OW-66    | 9/26/2023 | 19.30                    | 21.19                    | Post Recovery   | 1.89                         |                             |                                               |                                       |                                      |                                  |                            |                                    |
| RW-1     | 9/25/2023 | 32.50                    | 36.00                    | Vac Truck       | 3.5                          | 0.74                        | 8.10                                          | 5.51                                  | 2.590                                | 43.5                             | 4                          |                                    |
| RW-1     | 9/26/2023 | 32.03                    | 37.09                    | Post Recovery   | 5.06                         |                             |                                               |                                       |                                      |                                  |                            |                                    |
| RW-2R    | 9/25/2023 | 26.20                    | 26.30                    | Vac Truck       | 0.1                          | 0.74                        | 3.92                                          | 3.85                                  | 0.074                                | 31.5                             | 4                          |                                    |
| RW-2R    | 9/26/2023 | 26.12                    | 26.18                    | Post Recovery   | 0.06                         |                             |                                               |                                       |                                      |                                  |                            |                                    |
| RW-5     | 9/25/2023 | 32.65                    | 33.86                    | Vac Truck       | 1.21                         | 0.74                        | 5.07                                          | 4.17                                  | 0.895                                | 39.5                             | 4                          |                                    |
| RW-5     | 9/26/2023 | 32.68                    | 33.47                    | Post Recovery   | 0.79                         |                             |                                               |                                       |                                      |                                  |                            |                                    |
| RW-6     | 9/25/2023 | 32.86                    | 34.25                    | Vac Truck       | 1.39                         | 0.74                        | 5.91                                          | 4.88                                  | 1.029                                | 40.9                             | 4                          |                                    |
| RW-6     | 9/26/2023 | 32.88                    | 33.99                    | Post Recovery   | 1.11                         |                             |                                               |                                       |                                      |                                  |                            |                                    |
|          |           |                          |                          |                 |                              | Total<br>Extracted<br>(gal) | 56.28                                         | 35.45                                 | 20.83                                |                                  |                            |                                    |

Notes:  
1 = depth recorded from the top of the well casing  
DTP = Depth to product  
DTW = Depth to water  
SPH = Separate Phase Hydrocarbon  
NA = Not Applicable  
ft = feet  
gal = gallons  
in = inches  
Vac = Vacuum

**ATTACHMENT A**

**New Mexico Environment Department (NMED) To Western Refining Southwest LLC (dba Marathon Gallup Refinery [Refinery]) Approval with Modifications Letter “Noth/Eastern Boundary Control Work Plan (OW-58A)” (October 23, 2023)**

| NMED Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Refinery Responses                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment 1:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Response 1:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| On the cover page, the submittal is addressed to "To Whom it May Concern". The submissions must be addressed to the Bureau Chief of the Hazardous Waste Bureau (HWB) in accordance with Permit Section II.C.7. The current Acting Bureau Chief of the HWB is Mr. Ricardo Maestas and all future submittals to HWB must be addressed to him. No response is required.                                                                                                                                                                                                                                                                                                    | This comment is acknowledged.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Comment 2:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Response 2:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| In the <i>Path Forward / Recommendations</i> Section, pages 1 and 2, the Permittee states, "[t]o address the increased SPH thickness in OW-58A and slow further movement of the SPH north/northeast, Trihydro recommends installing a pump in OW-58A to extract total fluids which will then be transported via existing infrastructure to the existing- WWTP." NMED concurs with the Permittee's recommendation to slow movement of the Separate Phase Hydrocarbon (SPH) and install a pump in well OW-58A. Report volumes of groundwater and SPH recovered from well OW-58A in the upcoming <i>Hydrocarbon Seep Interim Measures Status Reports</i> (Status Reports). | The Refinery agrees with NMED's comment. The Refinery recovered SPH and groundwater at least monthly from OW-58A using a vacuum truck during the 3 <sup>rd</sup> quarter of 2023. The recovered volumes from these wells can be found in Tables 4B, 4D, and 4F. The Refinery will continue to recover from OW-58A using a vacuum truck until the groundwater extraction system has been installed. Volumes from the extraction system will be reported in future Hydrocarbon Seep Interim Measures Status Reports. |
| <b>Comment 3:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Response 3:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| The July 26, 2023 <i>Hydrocarbon Seep Interim Measures 2023 Second Quarter Status Report</i> indicates that the SPH has already migrated to well OW-66 that is located farther north of well OW-58A. The Permittee must also recover SPH and groundwater from wells OW-66 and OW-55 to prevent the SPH plume from spreading farther north. Report volumes of groundwater and                                                                                                                                                                                                                                                                                            | The Refinery agrees with NMED's comment. The Refinery recovered SPH and groundwater at least monthly from OW-55, OW-66, and RW-1 using a vacuum truck during the 3 <sup>rd</sup> quarter of 2023 and the Refinery will continue to recover from these wells moving forward. RW-1 will not be removed from fluid                                                                                                                                                                                                    |

**New Mexico Environment Department (NMED) To Western Refining Southwest LLC (dba Marathon Gallup Refinery [Refinery]) Approval with Modifications Letter “Noth/Eastern Boundary Control Work Plan (OW-58A)” (October 23, 2023)**

| NMED Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Refinery Responses                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| <p>SPH extracted from wells OW-55 and OW-66 in the upcoming Status Reports.</p> <p>Furthermore, the July 26, 2023 Status Report also states that "well RW-1 will be removed from fluid recovery." However, since the SPH plume located northeast of the facility has been expanding, recovery well RW-1 must continue to recover residual SPH in the well and to provide hydraulic control (i.e., containment) in the vicinity. Include well RW-1 in the list of recovery wells in the upcoming status reports.</p> | <p>recovery. The recovered volumes from these wells can be found in Tables 4B ,4D, and 4F.</p> |



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State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

CONDITIONS

Action 279493

CONDITIONS

|                                                                                           |                                                             |
|-------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| Operator:<br>Western Refining Southwest LLC<br>539 South Main Street<br>Findlay, OH 45840 | OGRID:<br>267595                                            |
|                                                                                           | Action Number:<br>279493                                    |
|                                                                                           | Action Type:<br>[UF-DP] Discharge Permit (DISCHARGE PERMIT) |

CONDITIONS

| Created By | Condition                                   | Condition Date |
|------------|---------------------------------------------|----------------|
| joel.stone | Approved for OCD record retention purposes. | 2/21/2025      |