

**Western Refining Southwest LLC**

A subsidiary of Marathon Petroleum Corporation

I-40 Exit 39  
Jamestown, NM 87347

April 29, 2021

Mr. Kevin Pierard, Chief  
New Mexico Environment Department  
Hazardous Waste Bureau  
2905 Rodeo Park Drive East, Building 1  
Santa Fe, New Mexico 87505

RE: Hydrocarbon Seep Interim Measures 2021 First Quarter Status Report  
Marathon Petroleum Corporation LP, Gallup Refinery  
(dba Western Refining Southwest LLC)  
EPA ID# NMD000333211

Dear Mr. Pierard,

Please find enclosed the Hydrocarbon Seep Interim Measures Status Report for the first quarter of 2021 in Attachment A. MPC has included the information requested by NMED in the *Approval with Modifications, Hydrocarbon Seep Interim Measures 2020 Fourth Quarter Status Report* in Attachment B, submitted by New Mexico Environment Department on March 30, 2021. If you have any questions or comments regarding the information contained herein, please do not hesitate to contact John Moore at (505) 879-7643.

**Certification**

*I certify under penalty of law that this document and all attachments were prepared under my direction or 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, Gallup Refinery

A handwritten signature in black ink that reads "Robert S. Hanks".

Robert S. Hanks  
Refinery General Manager

Enclosure

|     |                           |                                |
|-----|---------------------------|--------------------------------|
| cc: | D. Cobrain, NMED HWB      | M. Suzuki, NMED HWB            |
|     | C. Chavez, OCD            | T. McDill, OCD                 |
|     | G. McCartney, MPC         | K. Luka, MPC                   |
|     | J. Moore, Gallup Refinery | H. Jones, Trihydro Corporation |

**ATTACHMENT A**

**QUARTERLY STATUS REPORT  
HYDROCARBON SEEP INTERIM MEASURES  
MARATHON PETROLEUM COMPANY LLC – GALLUP REFINERY  
(dba WESTERN REFINING SOUTHWEST LLC)  
First Quarter 2021**

Activities conducted during the first quarter 2021

Source Control – The refinery has remained in indefinite idle status since April 2020. Refinery resources and personnel were operating at a reduced capacity and continued to focus on tank cleaning and the transition to idle status during the first quarter. There were 13,000 gallons (gals) of water and no separate phase hydrocarbon (SPH) recovered from the standpipe sumps (S1 – S6) during the first quarter. There was no recovery from the retention ditch during this quarter because there was no standing water. The Hydrocarbon Seep area is shown on Figure 1. Standpipe and retention ditch data are presented in Table 1. In general, the MKTF wells directly south of the hydrocarbon seep area showed an increase in water level when compared to the fourth quarter of 2020. MKTF-4 had the greatest increase of 0.8 feet (ft). Fluid levels southwest of the hydrocarbon seep, near and in the Truck Loading Rack, generally decreased. The greatest decrease was in MKTF-45 (1.09 ft). All other variations in these areas were less than 1 ft. West of the Truck Loading rack, MKTF-34 decreased 1.69 ft while MKTF-33 increased 4.3 ft.

Monthly fluid levels are found in Table 2. Despite monthly fluid extraction and the idling of the refinery, fluid levels in the MKTF area have continued to rise and fall seasonally without substantial change from the months prior to the refinery being placed in idle status. Marathon Petroleum Company (MPC) is continuing to evaluate the reason for increased water levels and will submit a letter with the findings of the evaluation to NMED following completion. In addition, MPC is currently evaluating PW-3 to determine if potable water is being lost through casing leaks. A memorandum detailing the findings of the PW-3 evaluation will be submitted during the third quarter of 2021.

Fluid removal in MKTF wells upgradient of the hydrocarbon seep area, with recoverable SPH, was conducted during the first quarter of 2021 using a vacuum truck. There were a total of 159.34 gals of water and 28.79 gals of SPH extracted in the first quarter. The SPH extraction data are shown in Table 3. As requested in Comment 2 in the New Mexico Environment Department's (NMED) *Approval with Modifications Hydrocarbon Seep Interim Measures 2020 Fourth Quarter Status Report*, fluid levels will be taken 24 hours after vac truck extraction in all future events.

Pursuant to NMED's letter of March 5, 2019, the area of the seeps is routinely monitored to evaluate the discharge of hydrocarbons to the land surface where shallow water discharges within the retention ditch and to the south near the original seep location. The measurable amount of SPH discharging into the retention ditch has essentially stopped. MPC will continue to monitor the area and if substantial fluid comes back into the area it will be recovered.

- Source Identification - 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 a gasoline leak from a transfer pipeline in the Truck Loading area found on October 27, 2019. A revised IWP No.2 for AOC 35 was submitted to NMED on February 2, 2020 to expand the investigation to include the gasoline release. NMED disapproved the revised IWP on August 31, 2020, requesting revisions to the workplan. Marathon submitted a revised workplan and addressed NMED's comments on January 4, 2021. NMED responded to Marathon's response with an Approval with Modifications on February 11, 2021. Marathon submitted a response to the approval on April 14, 2021. Additional Laser Induced Fluorescence (LIF) investigations have also been completed in the area delineating the gasoline release and were submitted in the Marketing Tank Farm Laser-Induced Fluorescence/Hydraulic Profiling Investigation report submitted on April 1, 2021.

#### Activities planned for the second quarter 2021

- Monitoring – NMED has requested that groundwater monitoring wells will be gauged monthly. Monthly monitoring began in November 2020 and will continue through 2021.
- Source Control – Marathon will continue recovery operations at the standpipe sumps and the retention ditch using a vacuum truck to pump SPH and water from each of the sumps and the downstream retention ditch (when water is present in the retention ditch). The fluid volumes in the standpipe sumps and retention ditch will continue to be monitored and recovery efforts will be adjusted as necessary. Evaluation of the area will be ongoing to determine if additional or alternative methods could be more effective in the future.

The gasoline release discovered in October 2019 near the Truck Loading Rack is south of the hydrocarbon seep area. Fluid recovery from MKTF wells upgradient of the hydrocarbon seep area, with recoverable SPH, will be conducted monthly to reduce migration potential.

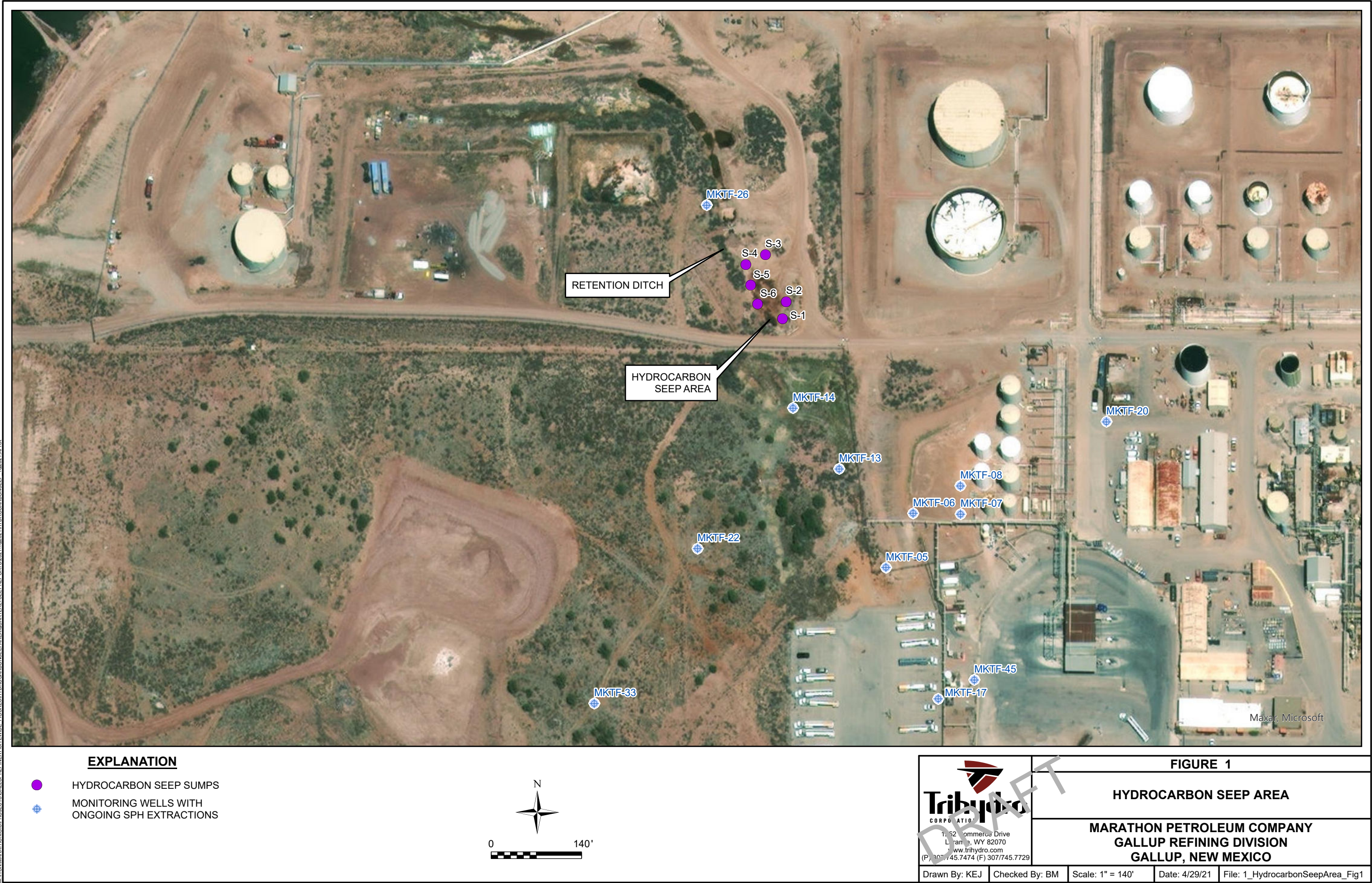
SPH has been detected in MKTF-33. Marathon conducted the Additional Laser Induced Fluorescence (LIF) Investigation in February 2021 in an effort to further delineate SPH to the west of the Truck Loading Rack. LIF results indicated a product flow path funneling toward the seep in the borrow pit area. In April, five recovery sumps and two piezometers were installed in the borrow pit to limit product migration to the west, beyond the borrow pit. Additionally, the LIF investigation included locations along the road south of the Hydrocarbon Seep Area and south of Tank 102 to determine the extent of product migration to the north of the Truck Loading Rack. The LIF results in this area did not indicate the definitive presence of gasoline as was seen in the west. The Marketing Tank Farm Laser-Induced Fluorescence/Hydraulic Profiling Investigation report was submitted to NMED on April 1, 2021.

An additional LIF investigation is planned for the second quarter of 2021 focusing on the eastern boundary and tank farm area. In addition, this investigation will include additional locations

west of the truck loading rack to further delineate the plume in the vicinity of the borrow pit area.

- Investigation – The Sanitary Lagoon Investigation Report was submitted to NMED on February 17, 2020, providing information on subsurface SPH distribution in this area. The portion of the investigation along the pipeline was not completed due to the gasoline leak in the area. Investigation in the area along the pipeline has been proposed in an updated work plan, submitted to NMED on March 29, 2021 and an Approval with Modifications was received from NMED on April 26, 2021. MPC will submit the response letter, and replacement pages no later than July 30, 2021.

**FIGURE**



**TABLES**

**TABLE 1A. STANDPIPE RECOVERY RECORDS  
MARATHON PETROLEUM COMPANY, GALLUP REFINERY  
GALLUP, NEW MEXICO**

| <b>DATE</b>                        | <b>hydrocarbon<br/>recovered (gallons)</b> | <b>water pumped<br/>(gallons)</b> | <b>total fluid<br/>pumped<br/>(gallons)</b> |
|------------------------------------|--------------------------------------------|-----------------------------------|---------------------------------------------|
| <b>2013 Totals</b>                 | <b>2,762</b>                               | <b>115,935</b>                    | <b>118,697</b>                              |
| <b>2014 Totals</b>                 | <b>2,108</b>                               | <b>242,182</b>                    | <b>244,290</b>                              |
| <b>2015 Totals</b>                 | <b>1,071</b>                               | <b>188,634</b>                    | <b>189,707</b>                              |
| <b>2016 Totals</b>                 | <b>8,668</b>                               | <b>357,619</b>                    | <b>366,287</b>                              |
| <b>2017 Totals</b>                 | <b>4,238</b>                               | <b>365,712</b>                    | <b>369,950</b>                              |
| <b>2018 Totals</b>                 | <b>162</b>                                 | <b>279,538</b>                    | <b>279,700</b>                              |
| <b>2019 Totals</b>                 | <b>-</b>                                   | <b>158,943</b>                    | <b>158,943</b>                              |
| <b>1st Quarter 2020<br/>Totals</b> | <b>-</b>                                   | <b>-</b>                          | <b>-</b>                                    |
| 4/1/2021                           | -                                          | 3,000                             | 3,000                                       |
| <b>2nd Quarter 2020<br/>Totals</b> | <b>-</b>                                   | <b>3,000</b>                      | <b>3,000</b>                                |
| <b>3rd Quarter 2020<br/>Totals</b> | <b>-</b>                                   | <b>-</b>                          | <b>-</b>                                    |
| 12/15/2020                         | -                                          | 4,500                             | 4,500                                       |
| <b>4th Quarter 2020<br/>Totals</b> | <b>-</b>                                   | <b>4,500</b>                      | <b>4,500</b>                                |
| 1/28/2021                          | -                                          | 4,500                             | 4,500                                       |
| 2/22/2021                          | -                                          | 4,500                             | 4,500                                       |
| 3/31/2021                          | -                                          | 4,000                             | 4,000                                       |
| <b>1st Quarter 2021<br/>Totals</b> | <b>-</b>                                   | <b>13,000</b>                     | <b>13,000</b>                               |
|                                    |                                            |                                   |                                             |
| <b>Project Totals</b>              | <b>19,009</b>                              | <b>1,729,063</b>                  | <b>1,748,074</b>                            |

**TABLE 1B. RETENTION DITCH RECOVERY RECORDS  
MARATHON PETROLEUM COMPANY, GALLUP REFINERY  
GALLUP, NEW MEXICO**

| DATE                       | Truck Loads | Water/Oil Mixture<br>(gallons) | Oil<br>(gallons) |
|----------------------------|-------------|--------------------------------|------------------|
| 2016 Totals                | 63          | 340,200                        | NR               |
| 2017 Totals                | 54          | 194,550                        | 1,890            |
| 2018 Totals                | 38          | 78,780                         | 1,426            |
| 2019 Totals                | 17          | 34,451                         | 1,008            |
| 1st Quarter 2020<br>Totals | Dry         | Dry                            | Dry              |
| 2nd Quarter 2020<br>Totals | Dry         | Dry                            | Dry              |
| 9/1/2020                   | 1           | 200                            | 2                |
| 3rd Quarter 2020<br>Totals | 1           | 200                            | 2                |
| 4th Quarter 2020<br>Totals | Dry         | Dry                            | Dry              |
| 1st Quarter 2021<br>Totals | Dry         | Dry                            | Dry              |
| Project Totals             | 173         | 648,181                        | 4,326            |

TABLE 2A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50

## MARATHON PETROLEUM COMPANY, GALLUP REFINERY

## GALLUP, NEW MEXICO

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft) | SPH Column Thickness (ft) | Depth to Water (ft) | 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        | 02/19/19                  | 4.00                   | 17.42                 | 4.40              | 0.34                      | 4.74                | 6,915.93                    | 6916.20                                           | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-01        | 05/06/19                  | 4.00                   | 17.42                 | 4.39              | 0.35                      | 4.74                | 6,915.93                    | 6916.21                                           | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-01        | 08/30/19                  | 4.00                   | 17.42                 | 4.58              | 0.37                      | 4.95                | 6,915.72                    | 6916.02                                           | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-01        | 11/19/19                  | 4.00                   | 17.42                 | 5.14              | 0.31                      | 5.45                | 6,915.22                    | 6915.47                                           | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-01        | 02/24/20                  | 4.00                   | 17.42                 | 4.87              | 0.29                      | 5.16                | 6,915.51                    | 6915.74                                           | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-01        | 06/26/20                  | 4.00                   | 17.42                 | 5.50              | 0.21                      | 5.71                | 6,914.96                    | 6915.13                                           | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-01        | 09/15/20                  | 4.00                   | 17.48                 | 5.61              | 0.01                      | 5.62                | 6,914.96                    | 6915.13                                           | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-01        | 11/10/20                  | 4.00                   | 17.48                 | 5.61              | 0.28                      | 5.89                | 6,914.96                    | 6915.13                                           | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-01        | 12/03/20                  | 4.00                   | 17.43                 | 5.74              | 0.28                      | 6.02                | 6,914.96                    | 6915.13                                           | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-01        | 01/28/21                  | 4.00                   | 17.43                 | 7.60              | 0.48                      | 8.08                | 6,914.96                    | 6915.13                                           | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-01        | 02/28/21                  | 4.00                   | 17.45                 | 5.70              | 0.23                      | 5.93                | 6,914.96                    | 6915.13                                           | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-01        | 03/31/21                  | 4.00                   | 17.45                 | 6.09              | 0.24                      | 6.33                | 6,914.96                    | 6915.13                                           | 5 - 15                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| MKTF-02        | 03/28/19                  | 4.00                   | 20.48                 | ND                | 0.00                      | 6.34                | 6,911.11                    | NA                                                | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-02        | 05/06/19                  | 4.00                   | 20.48                 | ND                | 0.00                      | 6.24                | 6,911.21                    | NA                                                | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-02        | 08/23/19                  | 4.00                   | 20.43                 | ND                | 0.00                      | 7.05                | 6,910.40                    | NA                                                | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-02        | 11/19/19                  | 4.00                   | 20.35                 | ND                | 0.00                      | 7.14                | 6,910.31                    | NA                                                | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-02        | 02/24/20                  | 4.00                   | 20.48                 | ND                | 0.00                      | 6.52                | 6,910.93                    | NA                                                | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-02        | 06/26/20                  | 4.00                   | 20.48                 | ND                | 0.00                      | 7.70                | 6,909.75                    | NA                                                | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-02        | 09/15/20                  | 4.00                   | 20.54                 | ND                | 0.00                      | 7.88                | 6,909.57                    | NA                                                | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-02        | 11/10/20                  | 4.00                   | 20.54                 | ND                | 0.00                      | 7.43                | 6,910.02                    | NA                                                | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-02        | 12/03/20                  | 4.00                   | 20.54                 | ND                | 0.00                      | 7.72                | 6,909.73                    | NA                                                | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-02        | 01/28/21                  | 4.00                   | 20.54                 | ND                | 0.00                      | 7.75                | 6,909.70                    | NA                                                | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-02        | 02/28/21                  | 4.00                   | 20.54                 | ND                | 0.00                      | 7.14                | 6,910.31                    | NA                                                | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-02        | 03/31/21                  | 4.00                   | 20.54                 | ND                | 0.00                      | 7.84                | 6,909.61                    | NA                                                | 7 - 17                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| MKTF-03        | 03/25/19                  | 4.00                   | 18.45                 | 4.50              | 1.10                      | 5.60                | 6,926.09                    | 6,926.97                                          | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-03        | 05/13/19                  | 4.00                   | 18.45                 | 4.55              | 1.11                      | 5.66                | 6,926.03                    | 6,926.92                                          | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-03        | 08/21/19                  | 4.00                   | 18.53                 | 6.04              | 1.23                      | 7.27                | 6,924.42                    | 6,925.40                                          | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-03        | 10/30/19                  | 4.00                   | 18.45                 | 6.70              | 1.30                      | 8.00                | 6,923.69                    | 6,924.73                                          | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-03        | 03/05/20                  | 4.00                   | 18.45                 | 6.47              | 1.37                      | 7.84                | 6,923.85                    | 6924.95                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-03        | 06/26/20                  | 4.00                   | 18.45                 | 7.36              | 1.27                      | 8.63                | 6,923.06                    | 6924.08                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-03        | 09/15/20                  | 4.00                   | 18.59                 | 7.08              | 0.01                      | 7.09                | 6,924.60                    | 6924.61                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-03        | 11/10/20                  | 4.00                   | 18.59                 | 7.13              | 1.30                      | 8.43                | 6,923.26                    | 6924.30                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-03        | 12/03/20                  | 4.00                   | 18.58                 | 7.46              | 1.16                      | 8.62                | 6,923.07                    | 6924.00                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-03        | 12/26/20                  | 4.00                   | 18.57                 | 7.83              | 0.91                      | 8.74                | 6,922.95                    | 6923.68                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-03        | 01/28/21                  | 4.00                   | 18.57                 | 7.80              | 0.93                      | 8.73                | 6,922.96                    | 6923.70                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-03        | 02/28/21                  | 4.00                   | 18.62                 | 7.46              | 0.93                      | 8.39                | 6,923.30                    | 6924.04                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-03        | 03/31/21                  | 4.00                   | 18.62                 | 7.20              | 1.03                      | 8.23                | 6,923.46                    | 6924.28                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |

TABLE 2A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50

## MARATHON PETROLEUM COMPANY, GALLUP REFINERY

## GALLUP, NEW MEXICO

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft) | SPH Column Thickness (ft) | Depth to Water (ft) | 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        | 03/25/19                  | 4.00                   | 22.15                 | ND                | 0.00                      | 6.45                | 6,927.12                    | NA                                                | 10 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-04        | 05/13/19                  | 4.00                   | 22.15                 | ND                | 0.00                      | 6.55                | 6,927.02                    | NA                                                | 10 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-04        | 08/21/19                  | 4.00                   | 22.39                 | ND                | 0.00                      | 8.27                | 6,925.30                    | NA                                                | 10 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-04        | 10/30/19                  | 4.00                   | 22.30                 | ND                | 0.00                      | 8.93                | 6,924.64                    | NA                                                | 10 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-04        | 03/02/20                  | 4.00                   | 22.21                 | ND                | 0.00                      | 8.47                | 6,925.10                    | NA                                                | 10 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-04        | 06/26/20                  | 4.00                   | 22.15                 | ND                | 0.00                      | 9.75                | 6,923.82                    | NA                                                | 10 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-04        | 09/15/20                  | 4.00                   | 22.72                 | 9.39              | 0.01                      | 9.40                | 6,924.17                    | NA                                                | 10 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-04        | 11/10/20                  | 4.00                   | 22.72                 | ND                | 0.00                      | 9.20                | 6,924.37                    | NA                                                | 10 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-04        | 12/03/20                  | 4.00                   | 22.72                 | 9.70              | 0.01                      | 9.71                | 6,923.86                    | NA                                                | 10 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-04        | 01/28/21                  | 4.00                   | 22.72                 | ND                | 0.00                      | 10.14               | 6,923.43                    | NA                                                | 10 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-04        | 02/28/21                  | 4.00                   | 22.72                 | 9.84              | 0.12                      | 9.96                | 6,923.61                    | NA                                                | 10 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-04        | 03/31/21                  | 4.00                   | 22.72                 | 9.21              | 0.02                      | 9.23                | 6,924.34                    | NA                                                | 10 - 22                                    | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| MKTF-05        | 02/19/19                  | 4.00                   | 17.75                 | 13.87             | 0.10                      | 13.97               | 6,928.25                    | 6,928.33                                          | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-05        | 05/13/19                  | 4.00                   | 17.75                 | 12.95             | 0.17                      | 13.12               | 6,929.10                    | 6,929.24                                          | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-05        | 08/30/19                  | 4.00                   | 17.75                 | 13.40             | 0.20                      | 13.60               | 6,928.62                    | 6,928.78                                          | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-05        | 10/30/19                  | 4.00                   | 17.75                 | 13.90             | 0.30                      | 14.20               | 6,928.02                    | 6,928.26                                          | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-05        | 11/12/19                  | 4.00                   | 17.75                 | 11.64             | 5.09                      | 16.73               | 6,925.49                    | 6,929.56                                          | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-05        | 11/13/19                  | 4.00                   | 17.75                 | 10.96             | 6.19                      | 17.15               | 6,925.07                    | 6,930.02                                          | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-05        | 11/14/19                  | 4.00                   | 17.75                 | 10.78             | 6.39                      | 17.17               | 6,925.05                    | 6,930.16                                          | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-05        | 11/15/19                  | 4.00                   | 17.75                 | 10.54             | 6.62                      | 17.16               | 6,925.06                    | 6,930.36                                          | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-05        | 11/19/19                  | 4.00                   | 17.75                 | 10.04             | 7.14                      | 17.18               | 6,925.04                    | 6,930.75                                          | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-05        | 11/21/19                  | 4.00                   | 17.75                 | 9.97              | 7.21                      | 17.18               | 6,925.04                    | 6,930.81                                          | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-05        | 12/02/19                  | 4.00                   | 17.75                 | 10.64             | 6.53                      | 17.17               | 6,925.05                    | 6,930.27                                          | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-05        | 03/05/20                  | 4.00                   | 17.75                 | 13.58             | 0.14                      | 13.72               | 6,928.50                    | 6,928.61                                          | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-05        | 06/25/20                  | 4.00                   | 17.75                 | 14.06             | 0.75                      | 14.80               | 6,927.42                    | 6,928.02                                          | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-05        | 09/15/20                  | 4.00                   | 17.83                 | 13.65             | 1.03                      | 14.68               | 6,927.54                    | 6,928.36                                          | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-05        | 11/10/20                  | 4.00                   | 17.83                 | 14.02             | 0.88                      | 14.90               | 6,927.32                    | 6,928.02                                          | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-05        | 12/03/20                  | 4.00                   | 17.80                 | 14.12             | 0.81                      | 14.93               | 6,927.29                    | 6,927.94                                          | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-05        | 01/28/21                  | 4.00                   | 17.80                 | 14.94             | 0.19                      | 15.13               | 6,927.09                    | 6,927.24                                          | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-05        | 02/28/21                  | 4.00                   | 17.77                 | 14.60             | 0.15                      | 14.75               | 6,927.47                    | 6,927.59                                          | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-05        | 03/31/21                  | 4.00                   | 17.77                 | 14.99             | 0.06                      | 15.05               | 6,927.17                    | 6,927.22                                          | 4 - 14                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| MKTF-06        | 02/19/19                  | 4.00                   | 23.77                 | 15.79             | 0.76                      | 16.55               | 6,930.26                    | 6,930.87                                          | 8 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-06        | 05/13/19                  | 4.00                   | 23.77                 | 15.55             | 0.84                      | 16.39               | 6,930.42                    | 6,931.09                                          | 8 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-06        | 08/30/19                  | 4.00                   | 23.79                 | 15.82             | 0.78                      | 16.60               | 6,930.21                    | 6,930.83                                          | 8 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-06        | 10/30/19                  | 4.00                   | 23.77                 | 16.80             | 1.11                      | 17.91               | 6,928.90                    | 6,929.79                                          | 8 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-06        | 11/12/19                  | 4.00                   | 23.77                 | 16.52             | 0.96                      | 17.48               | 6,929.33                    | 6,930.10                                          | 8 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-06        | 11/13/19                  | 4.00                   | 23.77                 | 16.33             | 0.85                      | 17.18               | 6,929.63                    | 6,930.31                                          | 8 - 20                                     | Chinle/Alluvium Interface                 |

TABLE 2A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50

## MARATHON PETROLEUM COMPANY, GALLUP REFINERY

## GALLUP, NEW MEXICO

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft) | SPH Column Thickness (ft) | Depth to Water (ft) | 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        | 11/14/19                  | 4.00                   | 23.77                 | 16.42             | 0.89                      | 17.31               | 6,929.50                    | 6930.21                                           | 8 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-06        | 11/15/19                  | 4.00                   | 23.77                 | 16.35             | 0.85                      | 17.20               | 6,929.61                    | 6930.29                                           | 8 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-06        | 11/19/19                  | 4.00                   | 23.77                 | 16.08             | 0.75                      | 16.83               | 6,929.98                    | 6930.58                                           | 8 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-06        | 11/21/19                  | 4.00                   | 23.77                 | 15.93             | 1.31                      | 17.24               | 6,929.57                    | 6930.62                                           | 8 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-06        | 12/02/19                  | 4.00                   | 23.77                 | 14.75             | 6.61                      | 21.36               | 6,925.45                    | 6930.74                                           | 8 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-06        | 03/05/20                  | 4.00                   | 23.77                 | 16.89             | 1.71                      | 18.60               | 6,928.21                    | 6929.58                                           | 8 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-06        | 06/25/20                  | 4.00                   | 23.77                 | 14.05             | 4.86                      | 18.90               | 6,927.91                    | 6931.79                                           | 8 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-06        | 09/15/20                  | 4.00                   | 23.79                 | 16.78             | 1.93                      | 18.71               | 6,928.10                    | 6929.64                                           | 8 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-06        | 11/10/20                  | 4.00                   | 23.79                 | 17.20             | 1.39                      | 18.59               | 6,928.22                    | 6929.33                                           | 8 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-06        | 12/03/20                  | 4.00                   | 23.79                 | 17.38             | 1.11                      | 18.49               | 6,928.32                    | 6929.21                                           | 8 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-06        | 01/28/21                  | 4.00                   | 23.79                 | 18.09             | 1.56                      | 19.65               | 6,927.16                    | 6928.41                                           | 8 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-06        | 02/28/21                  | 4.00                   | 23.85                 | 17.93             | 0.72                      | 18.65               | 6,928.16                    | 6928.74                                           | 8 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-06        | 03/31/21                  | 4.00                   | 23.85                 | 17.97             | 0.18                      | 18.15               | 6,928.66                    | 6928.80                                           | 8 - 20                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| MKTF-07        | 02/19/19                  | 4.00                   | 17.62                 | 10.39             | 1.21                      | 11.60               | 6,935.58                    | 6,936.55                                          | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-07        | 05/13/19                  | 4.00                   | 17.62                 | 10.72             | 0.10                      | 10.82               | 6,936.36                    | 6,936.44                                          | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-07        | 08/30/19                  | 4.00                   | 17.47                 | 11.18             | 1.11                      | 12.29               | 6,934.89                    | 6,935.78                                          | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-07        | 10/30/19                  | 4.00                   | 17.62                 | 12.20             | 1.19                      | 13.39               | 6,933.79                    | 6,934.74                                          | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-07        | 11/12/19                  | 4.00                   | 17.62                 | 12.03             | 1.16                      | 13.19               | 6,933.99                    | 6934.92                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-07        | 11/13/19                  | 4.00                   | 17.62                 | 11.81             | 1.08                      | 12.89               | 6,934.29                    | 6935.15                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-07        | 11/14/19                  | 4.00                   | 17.62                 | 11.98             | 1.16                      | 13.14               | 6,934.04                    | 6934.97                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-07        | 11/15/19                  | 4.00                   | 17.62                 | 12.00             | 1.16                      | 13.16               | 6,934.02                    | 6934.95                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-07        | 11/19/19                  | 4.00                   | 17.62                 | 11.40             | 2.77                      | 14.17               | 6,933.01                    | 6935.23                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-07        | 11/21/19                  | 4.00                   | 17.62                 | 10.83             | 5.72                      | 16.55               | 6,930.63                    | 6935.21                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-07        | 12/02/19                  | 4.00                   | 17.62                 | 11.38             | 5.74                      | 17.12               | 6,930.06                    | 6934.65                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-07        | 03/05/20                  | 4.00                   | 17.62                 | 12.50             | 1.22                      | 13.72               | 6,933.46                    | 6934.44                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-07        | 06/25/20                  | 4.00                   | 17.62                 | 12.23             | 1.53                      | 13.76               | 6,933.42                    | 6934.64                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-07        | 09/18/20                  | 4.00                   | 17.43                 | 11.42             | 2.35                      | 13.77               | 6,933.41                    | 6935.29                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-07        | 11/10/20                  | 4.00                   | 17.43                 | 12.56             | 1.20                      | 13.76               | 6,933.42                    | 6934.38                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-07        | 12/03/20                  | 4.00                   | 17.66                 | 12.93             | 0.87                      | 13.80               | 6,933.38                    | 6934.08                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-07        | 01/28/21                  | 4.00                   | 17.66                 | 13.80             | 0.40                      | 14.20               | 6,932.98                    | 6933.30                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-07        | 02/28/21                  | 4.00                   | 17.86                 | 13.51             | 0.21                      | 13.72               | 6,933.46                    | 6933.63                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-07        | 03/31/21                  | 4.00                   | 17.86                 | 13.70             | 0.11                      | 13.81               | 6,933.37                    | 6933.46                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| MKTF-08        | 02/19/19                  | 4.00                   | 21.98                 | 11.35             | 0.65                      | 12.00               | 6,935.09                    | 6,935.61                                          | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-08        | 05/13/19                  | 4.00                   | 21.98                 | 11.95             | 0.48                      | 12.43               | 6,934.66                    | 6,935.04                                          | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-08        | 08/30/19                  | 4.00                   | 21.98                 | 12.50             | 0.40                      | 12.90               | 6,934.19                    | 6,934.51                                          | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-08        | 10/30/19                  | 4.00                   | 21.98                 | 13.54             | 0.45                      | 13.99               | 6,933.10                    | 6,933.46                                          | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-08        | 11/21/19                  | 4.00                   | 21.98                 | 13.47             | 0.38                      | 13.85               | 6,933.24                    | 6933.54                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-08        | 12/02/19                  | 4.00                   | 21.98                 | 13.72             | 0.41                      | 14.13               | 6,932.96                    | 6933.29                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |

TABLE 2A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50

## MARATHON PETROLEUM COMPANY, GALLUP REFINERY

## GALLUP, NEW MEXICO

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft) | SPH Column Thickness (ft) | Depth to Water (ft) | 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        | 03/05/20                  | 4.00                   | 21.98                 | 14.03             | 0.34                      | 14.37               | 6,932.72                    | 6932.99                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-08        | 06/25/20                  | 4.00                   | 21.98                 | 14.00             | 0.40                      | 14.40               | 6,932.69                    | 6933.01                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-08        | 09/18/20                  | 4.00                   | 22.00                 | 13.76             | 0.39                      | 14.15               | 6,932.94                    | 6933.25                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-08        | 11/10/20                  | 4.00                   | 22.00                 | 14.23             | 0.46                      | 14.69               | 6,932.40                    | 6932.77                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-08        | 12/03/20                  | 4.00                   | 22.01                 | 14.36             | 0.40                      | 14.76               | 6,932.33                    | 6932.65                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-08        | 01/28/21                  | 4.00                   | 22.01                 | 14.84             | 0.31                      | 15.15               | 6,931.94                    | 6932.19                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-08        | 02/28/21                  | 4.00                   | 22.00                 | 14.76             | 0.13                      | 14.89               | 6,932.20                    | 6932.30                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-08        | 03/31/21                  | 4.00                   | 22.00                 | 14.60             | 0.10                      | 14.70               | 6,932.39                    | 6932.47                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| MKTF-09        | 03/25/19                  | 4.00                   | 22.70                 | ND                | 0.00                      | 11.10               | 6,935.40                    | NA                                                | 7 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-09        | 05/13/19                  | 4.00                   | 22.70                 | ND                | 0.00                      | 12.27               | 6,934.23                    | NA                                                | 7 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-09        | 08/28/19                  | 4.00                   | 22.74                 | ND                | 0.00                      | 13.28               | 6,933.22                    | NA                                                | 7 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-09        | 11/18/19                  | 4.00                   | 22.75                 | ND                | 0.00                      | 13.97               | 6,932.53                    | NA                                                | 7 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-09        | 03/02/20                  | 4.00                   | 22.76                 | ND                | 0.00                      | 14.23               | 6,932.27                    | NA                                                | 7 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-09        | 06/25/20                  | 4.00                   | 22.77                 | ND                | 0.00                      | 14.55               | 6,931.95                    | NA                                                | 7 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-09        | 09/18/20                  | 4.00                   | 22.41                 | 14.19             | 0.01                      | 14.20               | 6,932.30                    | 6932.31                                           | 7 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-09        | 11/10/20                  | 4.00                   | 22.41                 | 14.61             | 0.01                      | 14.62               | 6,931.88                    | 6931.89                                           | 7 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-09        | 12/03/20                  | 4.00                   | 22.78                 | 14.75             | 0.01                      | 14.76               | 6,931.74                    | 6931.75                                           | 7 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-09        | 01/28/21                  | 4.00                   | 22.78                 | ND                | 0.00                      | 15.11               | 6,931.39                    | 6931.39                                           | 7 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-09        | 02/28/21                  | 4.00                   | 22.70                 | 14.76             | 0.13                      | 14.89               | 6,931.61                    | 6931.71                                           | 7 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-09        | 03/31/21                  | 4.00                   | 22.70                 | 14.85             | 0.02                      | 14.87               | 6,931.63                    | 6931.65                                           | 7 - 19                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| MKTF-10        | 03/25/19                  | 4.00                   | 15.99                 | ND                | 0.00                      | 5.70                | 6,931.46                    | NA                                                | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-10        | 05/13/19                  | 4.00                   | 15.99                 | ND                | 0.00                      | 6.23                | 6,930.93                    | NA                                                | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-10        | 08/21/19                  | 4.00                   | 16.28                 | ND                | 0.00                      | 7.65                | 6,929.51                    | NA                                                | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-10        | 10/30/19                  | 4.00                   | 15.99                 | ND                | 0.00                      | 7.28                | 6,929.88                    | NA                                                | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-10        | 03/02/20                  | 4.00                   | 15.99                 | ND                | 0.00                      | 7.67                | 6,929.49                    | NA                                                | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-10        | 06/25/20                  | 4.00                   | 15.99                 | ND                | 0.00                      | 7.07                | 6,930.09                    | NA                                                | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-10        | 09/18/20                  | 4.00                   | 16.41                 | 7.52              | 0.01                      | 7.53                | 6,929.63                    | 6929.64                                           | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-10        | 11/10/20                  | 4.00                   | 16.41                 | ND                | 0.00                      | 7.79                | 6,929.37                    | NA                                                | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-10        | 12/03/20                  | 4.00                   | 16.50                 | ND                | 0.00                      | 7.80                | 6,929.36                    | NA                                                | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-10        | 01/28/21                  | 4.00                   | 16.50                 | ND                | 0.00                      | 7.91                | 6,929.25                    | NA                                                | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-10        | 02/28/21                  | 4.00                   | 16.50                 | ND                | 0.00                      | 7.89                | 6,929.27                    | NA                                                | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-10        | 03/31/21                  | 4.00                   | 16.50                 | ND                | 0.00                      | 7.74                | 6,929.42                    | NA                                                | 7 - 17                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| MKTF-11        | 03/25/19                  | 4.00                   | 18.14                 | ND                | 0.00                      | 4.96                | 6,926.38                    | NA                                                | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-11        | 05/13/19                  | 4.00                   | 18.14                 | ND                | 0.00                      | 5.24                | 6,926.10                    | NA                                                | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-11        | 08/21/19                  | 4.00                   | 18.48                 | ND                | 0.00                      | 6.22                | 6,925.12                    | NA                                                | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-11        | 10/30/19                  | 4.00                   | 18.14                 | ND                | 0.00                      | 7.06                | 6,924.28                    | NA                                                | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-11        | 03/02/20                  | 4.00                   | 18.14                 | ND                | 0.00                      | 7.89                | 6,923.45                    | NA                                                | 8 - 18                                     | Chinle/Alluvium Interface                 |

TABLE 2A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50

## MARATHON PETROLEUM COMPANY, GALLUP REFINERY

## GALLUP, NEW MEXICO

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft) | SPH Column Thickness (ft) | Depth to Water (ft) | 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        | 06/26/20                  | 4.00                   | 18.14                 | 7.67              | 0.01                      | 7.68                | 6,923.66                    | 6923.67                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-11        | 09/18/20                  | 4.00                   | 18.45                 | 7.59              | 0.01                      | 7.60                | 6,923.74                    | 6923.75                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-11        | 11/10/20                  | 4.00                   | 18.45                 | ND                | 0.00                      | 7.61                | 6,923.73                    | NA                                                | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-11        | 12/03/20                  | 4.00                   | 18.45                 | 7.89              | 0.02                      | 7.91                | 6,923.43                    | NA                                                | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-11        | 01/28/21                  | 4.00                   | 18.45                 | ND                | 0.00                      | 7.88                | 6,923.46                    | NA                                                | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-11        | 02/28/21                  | 4.00                   | 18.53                 | ND                | 0.00                      | 7.84                | 6,923.50                    | NA                                                | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-11        | 03/31/21                  | 4.00                   | 18.53                 | ND                | 0.00                      | 7.63                | 6,923.71                    | NA                                                | 8 - 18                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| MKTF-12        | 03/26/19                  | 4.00                   | 25.60                 | 16.65             | 0.35                      | 17.00               | 6,925.11                    | 6,925.39                                          | 12 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-12        | 05/09/19                  | 4.00                   | 25.60                 | 17.25             | 0.10                      | 17.35               | 6,924.76                    | 6,924.84                                          | 12 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-12        | 08/20/19                  | 4.00                   | 25.60                 | 17.92             | 0.09                      | 18.01               | 6,924.10                    | 6,924.17                                          | 12 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-12        | 10/28/19                  | 4.00                   | 25.60                 | 18.35             | 0.12                      | 18.47               | 6,923.64                    | 6,923.74                                          | 12 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-12        | 11/12/19                  | 4.00                   | 25.60                 | 18.14             | 0.08                      | 18.22               | 6,923.89                    | 6923.95                                           | 12 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-12        | 11/13/19                  | 4.00                   | 25.60                 | 18.02             | 0.10                      | 18.12               | 6,923.99                    | 6924.07                                           | 12 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-12        | 11/14/19                  | 4.00                   | 25.60                 | 18.11             | 0.08                      | 18.19               | 6,923.92                    | 6923.98                                           | 12 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-12        | 11/15/19                  | 4.00                   | 25.60                 | 18.10             | 0.08                      | 18.18               | 6,923.93                    | 6923.99                                           | 12 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-12        | 11/19/19                  | 4.00                   | 25.60                 | 18.00             | 0.09                      | 18.09               | 6,924.02                    | 6924.09                                           | 12 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-12        | 11/21/19                  | 4.00                   | 25.60                 | 18.04             | 0.16                      | 18.20               | 6,923.91                    | 6924.04                                           | 12 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-12        | 12/02/19                  | 4.00                   | 25.60                 | 17.70             | 0.05                      | 17.75               | 6,924.36                    | 6924.40                                           | 12 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-12        | 02/27/20                  | 4.00                   | 25.60                 | 17.84             | 0.08                      | 17.92               | 6,924.19                    | 6924.25                                           | 12 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-12        | 06/29/20                  | 4.00                   | 25.60                 | 19.13             | 0.12                      | 19.25               | 6,922.86                    | 6922.96                                           | 12 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-12        | 09/18/20                  | 4.00                   | 25.82                 | 18.64             | 0.01                      | 18.65               | 6,923.46                    | 6923.47                                           | 12 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-12        | 11/10/20                  | 4.00                   | 25.82                 | 17.97             | 0.03                      | 18.00               | 6,924.11                    | 6924.13                                           | 12 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-12        | 12/03/20                  | 4.00                   | 25.89                 | 18.90             | 0.16                      | 19.06               | 6,923.05                    | 6923.18                                           | 12 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-12        | 01/28/21                  | 4.00                   | 25.89                 | 19.46             | 0.17                      | 19.63               | 6,922.48                    | 6922.62                                           | 12 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-12        | 02/28/21                  | 4.00                   | 25.85                 | 18.82             | 0.10                      | 18.92               | 6,923.19                    | 6923.27                                           | 12 - 22                                    | Chinle/Alluvium Interface                 |
| MKTF-12        | 03/31/21                  | 4.00                   | 25.85                 | 18.59             | 0.04                      | 18.63               | 6,923.48                    | 6923.51                                           | 12 - 22                                    | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| MKTF-13        | 03/26/19                  | 4.00                   | 21.25                 | ND                | 0.00                      | 10.90               | 6,924.28                    | NA                                                | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-13        | 05/09/19                  | 4.00                   | 21.25                 | ND                | 0.00                      | 11.60               | 6,923.58                    | NA                                                | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-13        | 08/20/19                  | 4.00                   | 21.55                 | ND                | 0.00                      | 12.45               | 6,922.73                    | NA                                                | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-13        | 10/28/19                  | 4.00                   | 21.25                 | ND                | 0.00                      | 12.95               | 6,922.23                    | NA                                                | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-13        | 11/12/19                  | 4.00                   | 21.25                 | ND                | 0.00                      | 12.82               | 6,922.36                    | NA                                                | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-13        | 11/13/19                  | 4.00                   | 21.25                 | ND                | 0.00                      | 12.75               | 6,922.43                    | NA                                                | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-13        | 11/14/19                  | 4.00                   | 21.25                 | ND                | 0.00                      | 12.85               | 6,922.33                    | NA                                                | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-13        | 11/15/19                  | 4.00                   | 21.25                 | ND                | 0.00                      | 12.80               | 6,922.38                    | NA                                                | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-13        | 11/19/19                  | 4.00                   | 21.25                 | ND                | 0.00                      | 12.71               | 6,922.47                    | NA                                                | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-13        | 11/21/19                  | 4.00                   | 21.25                 | ND                | 0.00                      | 12.75               | 6,922.43                    | NA                                                | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-13        | 12/02/19                  | 4.00                   | 21.25                 | ND                | 0.00                      | 12.40               | 6,922.78                    | NA                                                | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-13        | 02/27/20                  | 4.00                   | 21.25                 | 11.13             | 6.18                      | 17.31               | 6,917.87                    | 6922.81                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |

## MARATHON PETROLEUM COMPANY, GALLUP REFINERY

## GALLUP, NEW MEXICO

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft) | SPH Column Thickness (ft) | Depth to Water (ft) | 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        | 06/29/20                  | 4.00                   | 21.25                 | 12.67             | 5.54                      | 18.21               | 6,916.97                    | 6921.40                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-13        | 09/18/20                  | 4.00                   | 22.13                 | 12.55             | 4.37                      | 16.92               | 6,918.26                    | 6921.76                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-13        | 11/10/20                  | 4.00                   | 22.13                 | 11.98             | 4.38                      | 16.36               | 6,918.82                    | 6922.32                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-13        | 12/03/20                  | 4.00                   | 21.92                 | 12.84             | 3.81                      | 16.65               | 6,918.53                    | 6921.58                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-13        | 01/28/21                  | 4.00                   | 21.92                 | 13.25             | 4.01                      | 17.26               | 6,917.92                    | 6921.13                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-13        | 02/28/21                  | 4.00                   | 21.75                 | 12.60             | 4.30                      | 16.90               | 6,918.28                    | 6921.72                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-13        | 03/31/21                  | 4.00                   | 21.75                 | 12.21             | 4.44                      | 16.65               | 6,918.53                    | 6922.08                                           | 8 - 18                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| MKTF-14        | 03/25/19                  | 4.00                   | 17.46                 | 3.89              | 0.36                      | 4.25                | 6,923.77                    | 6,924.06                                          | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-14        | 05/09/19                  | 4.00                   | 17.46                 | 4.65              | 0.39                      | 5.04                | 6,922.98                    | 6,923.29                                          | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-14        | 08/20/19                  | 4.00                   | 17.45                 | 5.64              | 0.28                      | 5.92                | 6,922.10                    | 6,922.32                                          | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-14        | 10/28/19                  | 4.00                   | 17.46                 | 6.02              | 0.37                      | 6.39                | 6,921.63                    | 6,921.93                                          | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-14        | 02/27/20                  | 4.00                   | 17.46                 | 5.35              | 0.30                      | 5.65                | 6,922.37                    | 6922.61                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-14        | 06/29/20                  | 4.00                   | 17.46                 | 6.38              | 2.20                      | 8.58                | 6,919.44                    | 6921.20                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-14        | 09/18/20                  | 4.00                   | 17.32                 | 6.18              | 1.98                      | 8.16                | 6,919.86                    | 6921.44                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-14        | 11/10/20                  | 4.00                   | 17.32                 | 5.98              | 0.30                      | 6.28                | 6,921.74                    | 6921.98                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-14        | 12/03/20                  | 4.00                   | 17.55                 | 6.79              | 0.27                      | 7.06                | 6,920.96                    | 6921.18                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-14        | 01/28/21                  | 4.00                   | 17.55                 | 7.11              | 0.30                      | 7.41                | 6,920.61                    | 6920.85                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-14        | 02/28/21                  | 4.00                   | 17.55                 | 6.64              | 0.34                      | 6.98                | 6,921.04                    | 6921.31                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-14        | 03/31/21                  | 4.00                   | 17.55                 | 6.14              | 0.12                      | 6.26                | 6,921.76                    | 6921.86                                           | 4 - 14                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| MKTF-15        | 03/25/19                  | 2.00                   | 19.48                 | 10.98             | 0.02                      | 11.00               | 6,932.48                    | 6,932.50                                          | 9 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-15        | 05/13/19                  | 2.00                   | 19.48                 | ND                | 0.00                      | 11.59               | 6,931.89                    | NA                                                | 9 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-15        | 08/21/19                  | 2.00                   | 19.50                 | 12.02             | 0.01                      | 12.03               | 6,931.45                    | NA                                                | 9 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-15        | 10/30/19                  | 2.00                   | 19.48                 | 12.65             | 0.05                      | 12.70               | 6,930.78                    | 6,930.82                                          | 9 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-15        | 02/03/20                  | 2.00                   | 19.48                 | 13.02             | 0.09                      | 13.11               | 6,930.37                    | 6,930.44                                          | 9 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-15        | 06/26/20                  | 2.00                   | 19.48                 | 13.11             | 0.06                      | 13.17               | 6,930.31                    | 6,930.36                                          | 9 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-15        | 09/18/20                  | 2.00                   | 19.18                 | 13.00             | 0.03                      | 13.03               | 6,930.45                    | 6,930.47                                          | 9 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-15        | 11/10/20                  | 2.00                   | 19.18                 | 13.25             | 0.25                      | 13.50               | 6,929.98                    | 6,930.18                                          | 9 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-15        | 12/03/20                  | 2.00                   | 19.52                 | 13.39             | 0.21                      | 13.60               | 6,929.88                    | 6,930.05                                          | 9 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-15        | 01/28/21                  | 2.00                   | 19.52                 | 13.54             | 0.21                      | 13.75               | 6,929.73                    | 6,929.90                                          | 9 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-15        | 02/28/21                  | 2.00                   | 19.53                 | 13.45             | 0.07                      | 13.52               | 6,929.96                    | 6,930.02                                          | 9 - 19                                     | Chinle/Alluvium Interface                 |
| MKTF-15        | 03/31/21                  | 2.00                   | 19.53                 | 13.39             | 0.03                      | 13.42               | 6,930.06                    | 6,930.08                                          | 9 - 19                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| MKTF-16        | 02/20/19                  | 2.00                   | 14.10                 | ND                | 0.00                      | 7.05                | 6,943.53                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-16        | 05/13/19                  | 2.00                   | 14.10                 | ND                | 0.00                      | 8.35                | 6,942.23                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-16        | 08/21/19                  | 2.00                   | 14.08                 | ND                | 0.00                      | 9.22                | 6,941.36                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-16        | 10/30/19                  | 2.00                   | 14.10                 | ND                | 0.00                      | 9.89                | 6,940.69                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-16        | 02/05/20                  | 2.00                   | 14.10                 | ND                | 0.00                      | 9.68                | 6,940.90                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-16        | 06/26/20                  | 2.00                   | 14.10                 | ND                | 0.00                      | 9.54                | 6,941.04                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |

TABLE 2A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50

## MARATHON PETROLEUM COMPANY, GALLUP REFINERY

## GALLUP, NEW MEXICO

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft) | SPH Column Thickness (ft) | Depth to Water (ft) | 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        | 09/18/20                  | 2.00                   | 10.92                 | 9.18              | 0.01                      | 9.19                | 6,941.39                    | 6,941.40                                          | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-16        | 11/10/20                  | 2.00                   | 10.92                 | ND                | 0.00                      | 7.20                | 6,943.38                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-16        | 12/08/20                  | 2.00                   | 10.95                 | ND                | 0.00                      | 9.70                | 6,940.88                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-16        | 01/28/21                  | 2.00                   | 10.95                 | ND                | 0.00                      | 6.15                | 6,944.43                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-16        | 02/28/21                  | 2.00                   | 10.95                 | ND                | 0.00                      | 8.84                | 6,941.74                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-16        | 03/31/21                  | 2.00                   | 10.95                 | ND                | 0.00                      | 9.31                | 6,941.27                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| MKTF-17        | 03/25/19                  | 2.00                   | 24.11                 | ND                | 0.00                      | 10.70               | 6,935.06                    | NA                                                | 14 - 24                                    | Chinle/Alluvium Interface                 |
| MKTF-17        | 05/09/19                  | 2.00                   | 24.11                 | ND                | 0.00                      | 14.05               | 6,931.71                    | NA                                                | 14 - 24                                    | Chinle/Alluvium Interface                 |
| MKTF-17        | 08/19/19                  | 2.00                   | 24.68                 | ND                | 0.00                      | 10.79               | 6,934.97                    | NA                                                | 14 - 24                                    | Chinle/Alluvium Interface                 |
| MKTF-17        | 10/28/19                  | 2.00                   | 24.65                 | ND                | 0.00                      | 9.00                | 6,936.76                    | NA                                                | 14 - 24                                    | Chinle/Alluvium Interface                 |
| MKTF-17        | 10/29/19                  | 2.00                   | 24.65                 | ND                | 0.00                      | 15.20               | 6,930.56                    | NA                                                | 14 - 24                                    | Chinle/Alluvium Interface                 |
| MKTF-17        | 11/12/19                  | 2.00                   | 24.65                 | ND                | 0.00                      | 11.86               | 6,933.90                    | NA                                                | 14 - 24                                    | Chinle/Alluvium Interface                 |
| MKTF-17        | 11/19/19                  | 2.00                   | 24.65                 | 12.35             | 1.60                      | 13.95               | 6,931.81                    | 6,933.09                                          | 14 - 24                                    | Chinle/Alluvium Interface                 |
| MKTF-17        | 11/21/19                  | 2.00                   | 24.65                 | 12.42             | 2.88                      | 15.30               | 6,930.46                    | 6,932.76                                          | 14 - 24                                    | Chinle/Alluvium Interface                 |
| MKTF-17        | 12/02/19                  | 2.00                   | 24.65                 | 13.17             | 4.88                      | 18.05               | 6,927.71                    | 6,931.61                                          | 14 - 24                                    | Chinle/Alluvium Interface                 |
| MKTF-17        | 02/03/20                  | 2.00                   | 24.11                 | 11.44             | 5.41                      | 16.85               | 6,928.91                    | 6,933.24                                          | 14 - 24                                    | Chinle/Alluvium Interface                 |
| MKTF-17        | 06/29/20                  | 2.00                   | 24.11                 | 10.19             | 5.31                      | 15.50               | 6,930.26                    | 6,934.51                                          | 14 - 24                                    | Chinle/Alluvium Interface                 |
| MKTF-17        | 09/14/20                  | 2.00                   | 24.67                 | 10.00             | 5.37                      | 15.37               | 6,930.39                    | 6,934.69                                          | 14 - 24                                    | Chinle/Alluvium Interface                 |
| MKTF-17        | 11/10/20                  | 2.00                   | 24.67                 | 11.39             | 0.20                      | 11.59               | 6,934.17                    | 6,934.33                                          | 14 - 24                                    | Chinle/Alluvium Interface                 |
| MKTF-17        | 12/04/20                  | 2.00                   | 24.66                 | 11.28             | 0.19                      | 11.47               | 6,934.29                    | 6,934.44                                          | 14 - 24                                    | Chinle/Alluvium Interface                 |
| MKTF-17        | 01/28/21                  | 2.00                   | 24.65                 | 11.88             | 0.02                      | 11.90               | 6,933.86                    | 6,933.88                                          | 14 - 24                                    | Chinle/Alluvium Interface                 |
| MKTF-17        | 02/28/21                  | 2.00                   | 24.70                 | 11.88             | 0.02                      | 11.90               | 6,933.86                    | 6,933.88                                          | 14 - 24                                    | Chinle/Alluvium Interface                 |
| MKTF-17        | 03/31/21                  | 2.00                   | 24.70                 | 12.06             | 0.03                      | 12.09               | 6,933.67                    | 6,933.69                                          | 14 - 24                                    | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| MKTF-18        | 03/25/19                  | 2.00                   | 25.38                 | ND                | 0.00                      | 7.32                | 6,943.33                    | NA                                                | 17 - 27                                    | Chinle/Alluvium Interface                 |
| MKTF-18        | 05/16/19                  | 2.00                   | 25.38                 | ND                | 0.00                      | 7.54                | 6,943.11                    | NA                                                | 17 - 27                                    | Chinle/Alluvium Interface                 |
| MKTF-18        | 08/19/19                  | 2.00                   | 27.45                 | 7.71              | 0.01                      | 7.72                | 6,942.93                    | 6,942.94                                          | 17 - 27                                    | Chinle/Alluvium Interface                 |
| MKTF-18        | 10/28/19                  | 2.00                   | 25.38                 | ND                | 0.00                      | 7.79                | 6,942.86                    | NA                                                | 17 - 27                                    | Chinle/Alluvium Interface                 |
| MKTF-18        | 10/29/19                  | 2.00                   | 25.38                 | ND                | 0.00                      | 8.30                | 6,942.35                    | NA                                                | 17 - 27                                    | Chinle/Alluvium Interface                 |
| MKTF-18        | 11/12/19                  | 2.00                   | 25.38                 | ND                | 0.00                      | 8.19                | 6,942.46                    | NA                                                | 17 - 27                                    | Chinle/Alluvium Interface                 |
| MKTF-18        | 02/05/20                  | 2.00                   | 25.38                 | ND                | 0.00                      | 9.10                | 6,941.55                    | NA                                                | 17 - 27                                    | Chinle/Alluvium Interface                 |
| MKTF-18        | 06/30/20                  | 2.00                   | 25.38                 | ND                | 0.00                      | 8.98                | 6,941.67                    | NA                                                | 17 - 27                                    | Chinle/Alluvium Interface                 |
| MKTF-18        | 09/18/20                  | 2.00                   | 21.73                 | 8.49              | 0.01                      | 8.50                | 6,942.15                    | 6,942.16                                          | 17 - 27                                    | Chinle/Alluvium Interface                 |
| MKTF-18        | 11/10/20                  | 2.00                   | 21.73                 | ND                | 0.00                      | 8.74                | 6,941.91                    | NA                                                | 17 - 27                                    | Chinle/Alluvium Interface                 |
| MKTF-18        | 12/04/20                  | 2.00                   | 25.50                 | ND                | 0.00                      | 8.80                | 6,941.85                    | NA                                                | 17 - 27                                    | Chinle/Alluvium Interface                 |
| MKTF-18        | 01/28/21                  | 2.00                   | 25.50                 | ND                | 0.00                      | 9.28                | 6,941.37                    | NA                                                | 17 - 27                                    | Chinle/Alluvium Interface                 |
| MKTF-18        | 02/28/21                  | 2.00                   | 27.55                 | ND                | 0.00                      | 9.08                | 6,941.57                    | NA                                                | 17 - 27                                    | Chinle/Alluvium Interface                 |
| MKTF-18        | 03/31/21                  | 2.00                   | 27.55                 | ND                | 0.00                      | 9.30                | 6,941.35                    | NA                                                | 17 - 27                                    | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |

**TABLE 2A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50**  
**MARATHON PETROLEUM COMPANY, GALLUP REFINERY**  
**GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft) | SPH Column Thickness (ft) | Depth to Water (ft) | 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        | 03/25/19                  | 2.00                   | 17.47                 | ND                | 0.00                      | 11.40               | 6,933.27                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-19        | 05/09/19                  | 2.00                   | 17.47                 | ND                | 0.00                      | 11.31               | 6,933.36                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-19        | 08/19/19                  | 2.00                   | 19.30                 | ND                | 0.00                      | 11.06               | 6,933.61                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-19        | 10/28/19                  | 2.00                   | 18.20                 | ND                | 0.00                      | 10.91               | 6,933.76                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-19        | 10/29/19                  | 2.00                   | 18.20                 | ND                | 0.00                      | 15.76               | 6,928.91                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-19        | 11/12/19                  | 2.00                   | 18.20                 | ND                | 0.00                      | 10.85               | 6,933.82                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-19        | 11/19/19                  | 2.00                   | 18.20                 | ND                | 0.00                      | 10.90               | 6,933.77                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-19        | 11/21/19                  | 2.00                   | 18.20                 | ND                | 0.00                      | 11.05               | 6,933.62                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-19        | 12/02/19                  | 2.00                   | 18.20                 | 11.63             | 0.87                      | 12.50               | 6,932.17                    | 6,932.87                                          | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-19        | 02/03/20                  | 2.00                   | 17.47                 | 11.35             | 1.05                      | 12.40               | 6,932.27                    | 6,933.11                                          | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-19        | 06/29/20                  | 2.00                   | 17.47                 | 12.08             | 1.21                      | 13.29               | 6,931.38                    | 6,932.35                                          | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-19        | 09/14/20                  | 2.00                   | 19.24                 | 11.95             | 0.02                      | 11.97               | 6,932.70                    | 6,932.72                                          | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-19        | 11/10/20                  | 2.00                   | 19.24                 | 12.22             | 1.33                      | 13.55               | 6,931.12                    | 6,932.18                                          | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-19        | 12/04/20                  | 2.00                   | 19.38                 | 12.18             | 1.24                      | 13.42               | 6,931.25                    | 6,932.24                                          | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-19        | 01/28/21                  | 2.00                   | 19.38                 | 12.22             | 1.24                      | 13.46               | 6,931.21                    | 6,932.20                                          | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-19        | 02/28/21                  | 2.00                   | 19.44                 | 12.45             | 1.14                      | 13.59               | 6,931.08                    | 6,931.99                                          | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-19        | 03/31/21                  | 2.00                   | 19.44                 | 12.60             | 1.23                      | 13.83               | 6,930.84                    | 6,931.82                                          | 10 - 20                                    | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| MKTF-20        | 02/20/19                  | 4.00                   | 8.83                  | ND                | 0.00                      | 6.29                | 6,945.49                    | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-20        | 05/13/19                  | 4.00                   | 8.83                  | ND                | 0.00                      | 7.14                | 6,944.64                    | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-20        | 08/20/19                  | 4.00                   | 8.83                  | ND                | 0.00                      | 8.03                | 6,943.75                    | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-20        | 11/04/19                  | 4.00                   | 8.83                  | ND                | 0.00                      | 7.68                | 6,944.10                    | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-20        | 02/05/20                  | 4.00                   | 8.83                  | ND                | 0.00                      | 9.02                | 6,942.76                    | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-20        | 06/26/20                  | 4.00                   | 8.83                  | ND                | 0.00                      | 8.67                | 6,943.11                    | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-20        | 09/15/20                  | 4.00                   | 9.62                  | 8.54              | 0.81                      | 9.35                | 6,942.43                    | 6,943.08                                          | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-20        | 11/10/20                  | 4.00                   | 9.62                  | 8.10              | 0.80                      | 8.90                | 6,942.88                    | 6,943.52                                          | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-20        | 12/08/20                  | 4.00                   | 9.60                  | 8.76              | 0.19                      | 8.95                | 6,942.83                    | 6,942.98                                          | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-20        | 01/28/21                  | 4.00                   | 9.60                  | 8.99              | 0.61                      | 9.60                | 6,942.18                    | 6,942.67                                          | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-20        | 02/28/21                  | 4.00                   | 9.61                  | ND                | 0.00                      | DRY                 | 6,951.78                    | 6,951.78                                          | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-20        | 03/31/21                  | 4.00                   | 9.61                  | 8.95              | 0.28                      | 9.23                | 6,951.78                    | 6,952.00                                          | 2 - 10                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| MKTF-21        | 02/20/19                  | 4.00                   | 8.81                  | ND                | 0.00                      | 5.62                | 6,946.95                    | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-21        | 05/13/19                  | 4.00                   | 8.81                  | ND                | 0.00                      | 6.70                | 6,945.87                    | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-21        | 08/20/19                  | 4.00                   | 8.81                  | ND                | 0.00                      | 7.22                | 6,945.35                    | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-21        | 10/30/19                  | 4.00                   | 8.81                  | ND                | 0.00                      | 8.32                | 6,944.25                    | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-21        | 02/05/20                  | 4.00                   | 8.83                  | ND                | 0.00                      | 8.25                | 6,944.32                    | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-21        | 06/26/20                  | 4.00                   | 8.83                  | 8.17              | 0.03                      | 8.20                | 6,944.37                    | 6944.39                                           | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-21        | 09/15/20                  | 4.00                   | 8.84                  | 7.08              | 0.01                      | 7.09                | 6,945.48                    | 6945.49                                           | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-21        | 11/10/20                  | 4.00                   | 8.84                  | ND                | 0.00                      | 6.41                | 6,946.16                    | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-21        | 12/04/20                  | 4.00                   | 8.80                  | 8.04              | 0.01                      | 8.05                | 6,944.52                    | 6944.53                                           | 2 - 10                                     | Chinle/Alluvium Interface                 |

TABLE 2A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50

## MARATHON PETROLEUM COMPANY, GALLUP REFINERY

## GALLUP, NEW MEXICO

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft) | SPH Column Thickness (ft) | Depth to Water (ft) | 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        | 01/28/21                  | 4.00                   | 8.80                  | ND                | 0.00                      | 7.34                | 6,945.23                    | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-21        | 02/28/21                  | 4.00                   | 8.87                  | ND                | 0.00                      | 7.81                | 6,944.76                    | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
| MKTF-21        | 03/31/21                  | 4.00                   | 8.87                  | ND                | 0.00                      | 7.73                | 6,944.84                    | NA                                                | 2 - 10                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| MKTF-22        | 03/25/19                  | 2.00                   | 35.25                 | ND                | 0.00                      | 24.43               | 6,917.88                    | NA                                                | 22 - 32                                    | Chinle/Alluvium Interface                 |
| MKTF-22        | 05/09/19                  | 2.00                   | 35.25                 | ND                | 0.00                      | 24.64               | 6,917.67                    | NA                                                | 22 - 32                                    | Chinle/Alluvium Interface                 |
| MKTF-22        | 08/20/19                  | 2.00                   | 35.62                 | ND                | 0.00                      | 24.95               | 6,917.36                    | NA                                                | 22 - 32                                    | Chinle/Alluvium Interface                 |
| MKTF-22        | 10/24/19                  | 2.00                   | 35.60                 | ND                | 0.00                      | 25.40               | 6,916.91                    | NA                                                | 22 - 32                                    | Chinle/Alluvium Interface                 |
| MKTF-22        | 02/27/20                  | 2.00                   | 35.25                 | 24.48             | 1.05                      | 25.53               | 6,916.78                    | 6917.62                                           | 22 - 32                                    | Chinle/Alluvium Interface                 |
| MKTF-22        | 06/29/20                  | 2.00                   | 35.25                 | 24.57             | 3.14                      | 27.71               | 6,914.60                    | 6917.11                                           | 22 - 32                                    | Chinle/Alluvium Interface                 |
| MKTF-22        | 09/14/20                  | 2.00                   | 35.09                 | 24.98             | 2.70                      | 27.68               | 6,914.63                    | 6916.79                                           | 22 - 32                                    | Chinle/Alluvium Interface                 |
| MKTF-22        | 11/10/20                  | 2.00                   | 35.09                 | 24.94             | 2.35                      | 27.29               | 6,915.02                    | 6916.90                                           | 22 - 32                                    | Chinle/Alluvium Interface                 |
| MKTF-22        | 12/04/20                  | 2.00                   | 35.09                 | 25.10             | 2.45                      | 27.55               | 6,914.76                    | 6916.72                                           | 22 - 32                                    | Chinle/Alluvium Interface                 |
| MKTF-22        | 01/28/21                  | 2.00                   | 35.09                 | 25.28             | 2.69                      | 27.97               | 6,914.34                    | 6916.49                                           | 22 - 32                                    | Chinle/Alluvium Interface                 |
| MKTF-22        | 02/28/21                  | 2.00                   | 35.66                 | 25.17             | 2.68                      | 27.85               | 6,914.46                    | 6916.60                                           | 22 - 32                                    | Chinle/Alluvium Interface                 |
| MKTF-22        | 03/31/21                  | 2.00                   | 35.66                 | 25.77             | 1.48                      | 27.25               | 6,915.06                    | 6916.24                                           | 22 - 32                                    | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| MKTF-23        | 03/25/19                  | 2.00                   | 20.36                 | ND                | ND                        | 12.55               | 6,917.43                    | NA                                                | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-23        | 05/09/19                  | 2.00                   | 20.36                 | 12.95             | 0.07                      | 13.02               | 6,916.96                    | 6,917.02                                          | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-23        | 08/20/19                  | 2.00                   | 20.38                 | 13.47             | 0.03                      | 13.50               | 6,916.48                    | 6,916.50                                          | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-23        | 10/28/19                  | 2.00                   | 20.36                 | ND                | 0.00                      | 13.95               | 6,916.03                    | NA                                                | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-23        | 02/27/20                  | 2.00                   | 20.36                 | ND                | 0.00                      | 13.42               | 6,916.56                    | NA                                                | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-23        | 06/29/20                  | 2.00                   | 20.36                 | ND                | 0.00                      | 13.25               | 6,916.73                    | NA                                                | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-23        | 09/19/20                  | 2.00                   | 20.02                 | 15.42             | 0.02                      | 15.44               | 6,914.54                    | 6,914.56                                          | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-23        | 11/10/20                  | 2.00                   | 20.02                 | ND                | 0.00                      | 14.23               | 6,915.75                    | NA                                                | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-23        | 12/04/20                  | 2.00                   | 20.39                 | 14.15             | 0.01                      | 14.16               | 6,915.82                    | 6,915.83                                          | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-23        | 12/28/20                  | 2.00                   | 20.76                 | ND                | 0.00                      | 14.09               | 6,915.89                    | NA                                                | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-23        | 01/28/21                  | 2.00                   | 20.76                 | 14.22             | 0.01                      | 14.23               | 6,915.75                    | 6,915.76                                          | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-23        | 02/28/21                  | 2.00                   | 20.41                 | 14.38             | 0.01                      | 14.39               | 6,915.59                    | 6,915.60                                          | 7 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-23        | 03/31/21                  | 2.00                   | 20.41                 | ND                | 0.00                      | 14.21               | 6,915.77                    | 6,915.77                                          | 7 - 17                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| MKTF-24        | 02/25/19                  | 2.00                   | 30.47                 | ND                | 0.00                      | 22.43               | 6,906.29                    | NA                                                | 18 - 28                                    | Chinle/Alluvium Interface                 |
| MKTF-24        | 05/06/19                  | 2.00                   | 30.47                 | ND                | 0.00                      | 21.53               | 6,907.19                    | NA                                                | 18 - 28                                    | Chinle/Alluvium Interface                 |
| MKTF-24        | 08/23/19                  | 2.00                   | 30.85                 | ND                | 0.00                      | 22.05               | 6,906.67                    | NA                                                | 18 - 28                                    | Chinle/Alluvium Interface                 |
| MKTF-24        | 10/22/19                  | 2.00                   | 30.82                 | ND                | 0.00                      | 23.21               | 6,905.51                    | NA                                                | 18 - 28                                    | Chinle/Alluvium Interface                 |
| MKTF-24        | 02/24/20                  | 2.00                   | 30.47                 | ND                | 0.00                      | 22.17               | 6,906.55                    | NA                                                | 18 - 28                                    | Chinle/Alluvium Interface                 |
| MKTF-24        | 06/26/20                  | 2.00                   | 30.47                 | ND                | 0.00                      | 22.80               | 6,905.92                    | NA                                                | 18 - 28                                    | Chinle/Alluvium Interface                 |
| MKTF-24        | 09/15/20                  | 2.00                   | 31.13                 | ND                | 0.00                      | 23.35               | 6,905.37                    | NA                                                | 18 - 28                                    | Chinle/Alluvium Interface                 |
| MKTF-24        | 11/10/20                  | 2.00                   | 31.13                 | ND                | 0.00                      | 23.32               | 6,905.40                    | NA                                                | 18 - 28                                    | Chinle/Alluvium Interface                 |
| MKTF-24        | 12/04/20                  | 2.00                   | 31.18                 | ND                | 0.00                      | 23.22               | 6,905.50                    | NA                                                | 18 - 28                                    | Chinle/Alluvium Interface                 |

**TABLE 2A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50**  
**MARATHON PETROLEUM COMPANY, GALLUP REFINERY**  
**GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft) | SPH Column Thickness (ft) | Depth to Water (ft) | 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        | 01/28/21                  | 2.00                   | 31.23                 | ND                | 0.00                      | 23.26               | 6,905.46                    | NA                                                | 18 - 28                                    | Chinle/Alluvium Interface                 |
| MKTF-24        | 02/27/21                  | 2.00                   | 31.47                 | ND                | 0.00                      | 22.97               | 6,905.75                    | NA                                                | 18 - 28                                    | Chinle/Alluvium Interface                 |
| MKTF-24        | 03/31/21                  | 2.00                   | 31.47                 | ND                | 0.00                      | 23.16               | 6,905.56                    | NA                                                | 18 - 28                                    | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| MKTF-25        | 02/14/19                  | 2.00                   | 19.43                 | ND                | 0.00                      | 13.13               | 6,903.06                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-25        | 05/06/19                  | 2.00                   | 19.43                 | ND                | 0.00                      | 12.00               | 6,904.19                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-25        | 08/23/19                  | 2.00                   | 19.78                 | ND                | 0.00                      | 13.12               | 6,903.07                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-25        | 08/27/19                  | 2.00                   | 20.78                 | ND                | 0.00                      | 13.23               | 6,902.96                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-25        | 10/22/19                  | 2.00                   | 19.80                 | ND                | 0.00                      | 13.72               | 6,902.47                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-25        | 02/26/20                  | 2.00                   | 19.43                 | ND                | 0.00                      | 12.94               | 6,903.25                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-25        | 06/26/20                  | 2.00                   | 19.43                 | ND                | 0.00                      | 13.33               | 6,902.86                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-25        | 09/15/20                  | 2.00                   | 20.09                 | ND                | 0.00                      | 13.90               | 6,902.29                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-25        | 11/10/20                  | 2.00                   | 20.09                 | ND                | 0.00                      | 13.75               | 6,902.44                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-25        | 12/04/20                  | 2.00                   | 20.38                 | ND                | 0.00                      | 13.62               | 6,902.57                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-25        | 01/28/21                  | 2.00                   | 20.38                 | ND                | 0.00                      | 13.54               | 6,902.65                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-25        | 02/27/21                  | 2.00                   | 20.09                 | ND                | 0.00                      | 13.46               | 6,902.73                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-25        | 03/31/21                  | 2.00                   | 20.09                 | ND                | 0.00                      | 13.41               | 6,902.78                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| MKTF-26        | 02/14/19                  | 2.00                   | 17.15                 | 8.38              | 0.77                      | 9.15                | 6,906.16                    | 6,906.78                                          | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-26        | 05/06/19                  | 2.00                   | 17.15                 | 7.80              | 0.85                      | 8.65                | 6,906.66                    | 6,907.34                                          | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-26        | 08/23/19                  | 2.00                   | 17.17                 | 8.22              | 0.83                      | 9.05                | 6,906.26                    | 6,906.92                                          | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-26        | 10/22/19                  | 2.00                   | 17.15                 | 8.63              | 0.73                      | 9.36                | 6,905.95                    | 6,906.53                                          | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-26        | 02/26/20                  | 2.00                   | 17.15                 | 8.35              | 0.76                      | 9.11                | 6,906.20                    | 6,906.81                                          | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-26        | 06/26/20                  | 2.00                   | 17.15                 | 8.61              | 0.89                      | 9.50                | 6,905.81                    | 6,906.52                                          | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-26        | 09/15/20                  | 2.00                   | 16.85                 | 8.81              | 0.75                      | 9.56                | 6,905.75                    | 6,906.35                                          | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-26        | 11/10/20                  | 2.00                   | 16.85                 | 8.65              | 0.71                      | 9.36                | 6,905.95                    | 6,906.52                                          | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-26        | 12/04/20                  | 2.00                   | 17.16                 | 7.67              | 1.72                      | 9.39                | 6,905.92                    | 6,907.30                                          | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-26        | 01/28/21                  | 2.00                   | 17.16                 | 8.93              | 0.27                      | 9.20                | 6,906.11                    | 6,906.33                                          | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-26        | 02/27/21                  | 2.00                   | 16.90                 | 8.88              | 0.17                      | 9.05                | 6,906.26                    | 6,906.40                                          | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-26        | 03/31/21                  | 2.00                   | 16.90                 | 9.00              | 0.11                      | 9.11                | 6,906.20                    | 6,906.29                                          | 4 - 14                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| MKTF-27        | 02/25/19                  | 2.00                   | 14.72                 | ND                | 0.00                      | 3.75                | 6,914.15                    | NA                                                | 1 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-27        | 05/06/19                  | 2.00                   | 14.72                 | ND                | 0.00                      | 5.73                | 6,912.17                    | NA                                                | 1 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-27        | 08/21/19                  | 2.00                   | 14.72                 | ND                | 0.00                      | 5.66                | 6,912.24                    | NA                                                | 1 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-27        | 10/30/19                  | 2.00                   | 14.72                 | ND                | 0.00                      | 6.14                | 6,911.76                    | NA                                                | 1 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-27        | 02/24/20                  | 2.00                   | 14.72                 | ND                | 0.00                      | 3.61                | 6,914.29                    | NA                                                | 1 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-27        | 06/30/20                  | 2.00                   | 14.72                 | ND                | 0.00                      | 6.70                | 6,911.20                    | NA                                                | 1 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-27        | 09/15/20                  | 2.00                   | 14.72                 | ND                | 0.00                      | 6.21                | 6,911.69                    | NA                                                | 1 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-27        | 11/10/20                  | 2.00                   | 14.72                 | ND                | 0.00                      | 6.72                | 6,911.18                    | NA                                                | 1 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-27        | 12/04/20                  | 2.00                   | 14.74                 | ND                | 0.00                      | 6.47                | 6,911.43                    | NA                                                | 1 - 12                                     | Chinle/Alluvium Interface                 |

## MARATHON PETROLEUM COMPANY, GALLUP REFINERY

## GALLUP, NEW MEXICO

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft) | SPH Column Thickness (ft) | Depth to Water (ft) | 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        | 01/28/21                  | 2.00                   | 14.74                 | ND                | 0.00                      | 6.62                | 6,911.28                    | NA                                                | 1 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-27        | 02/28/21                  | 2.00                   | 14.76                 | ND                | 0.00                      | 5.51                | 6,912.39                    | NA                                                | 1 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-27        | 03/31/21                  | 2.00                   | 14.76                 | ND                | 0.00                      | 6.48                | 6,911.42                    | NA                                                | 1 - 12                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| MKTF-28        | 02/25/19                  | 2.00                   | 16.16                 | ND                | 0.00                      | 4.91                | 6,916.61                    | NA                                                | 3 - 13                                     | Chinle/Alluvium Interface                 |
| MKTF-28        | 05/06/19                  | 2.00                   | 16.16                 | ND                | 0.00                      | 9.27                | 6,912.25                    | NA                                                | 3 - 13                                     | Chinle/Alluvium Interface                 |
| MKTF-28        | 08/21/19                  | 2.00                   | 16.15                 | ND                | 0.00                      | 3.82                | 6,917.70                    | NA                                                | 3 - 13                                     | Chinle/Alluvium Interface                 |
| MKTF-28        | 10/22/19                  | 2.00                   | 16.13                 | ND                | 0.00                      | 6.38                | 6,915.14                    | NA                                                | 3 - 13                                     | Chinle/Alluvium Interface                 |
| MKTF-28        | 02/24/20                  | 2.00                   | 16.16                 | ND                | 0.00                      | 4.53                | 6,916.99                    | NA                                                | 3 - 13                                     | Chinle/Alluvium Interface                 |
| MKTF-28        | 06/30/20                  | 2.00                   | 16.16                 | ND                | 0.00                      | 4.84                | 6,916.68                    | NA                                                | 3 - 13                                     | Chinle/Alluvium Interface                 |
| MKTF-28        | 09/15/20                  | 2.00                   | 16.17                 | ND                | 0.00                      | 4.59                | 6,916.93                    | NA                                                | 3 - 13                                     | Chinle/Alluvium Interface                 |
| MKTF-28        | 11/10/20                  | 2.00                   | 16.17                 | ND                | 0.00                      | 8.81                | 6,912.71                    | NA                                                | 3 - 13                                     | Chinle/Alluvium Interface                 |
| MKTF-28        | 12/04/20                  | 2.00                   | 16.16                 | ND                | 0.00                      | 7.13                | 6,914.39                    | NA                                                | 3 - 13                                     | Chinle/Alluvium Interface                 |
| MKTF-28        | 01/28/21                  | 2.00                   | 16.16                 | ND                | 0.00                      | 9.74                | 6,911.78                    | NA                                                | 3 - 13                                     | Chinle/Alluvium Interface                 |
| MKTF-28        | 02/28/21                  | 2.00                   | 16.16                 | ND                | 0.00                      | 8.18                | 6,913.34                    | NA                                                | 3 - 13                                     | Chinle/Alluvium Interface                 |
| MKTF-28        | 03/31/21                  | 2.00                   | 16.16                 | ND                | 0.00                      | 8.51                | 6,913.01                    | NA                                                | 3 - 13                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| MKTF-29        | 02/25/19                  | 2.00                   | 22.84                 | ND                | 0.00                      | 3.73                | 6,897.89                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-29        | 05/06/19                  | 2.00                   | 22.84                 | ND                | 0.00                      | 3.72                | 6,897.90                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-29        | 08/23/19                  | 2.00                   | 22.82                 | ND                | 0.00                      | 5.83                | 6,895.79                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-29        | 10/22/19                  | 2.00                   | 22.80                 | ND                | 0.00                      | 6.32                | 6,895.30                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-29        | 02/24/20                  | 2.00                   | 22.84                 | ND                | 0.00                      | 4.49                | 6,897.13                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-29        | 06/26/20                  | 2.00                   | 22.84                 | ND                | 0.00                      | 6.42                | 6,895.20                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-29        | 09/15/20                  | 2.00                   | 22.78                 | ND                | 0.00                      | 8.01                | 6,893.61                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-29        | 11/10/20                  | 2.00                   | 22.78                 | ND                | 0.00                      | 6.98                | 6,894.64                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-29        | 12/04/20                  | 2.00                   | 22.85                 | ND                | 0.00                      | 6.40                | 6,895.22                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-29        | 01/28/21                  | 2.00                   | 22.85                 | ND                | 0.00                      | 5.61                | 6,896.01                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-29        | 02/28/21                  | 2.00                   | 22.83                 | ND                | 0.00                      | 5.31                | 6,896.31                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-29        | 03/31/21                  | 2.00                   | 22.83                 | ND                | 0.00                      | 5.20                | 6,896.42                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| MKTF-30        | 03/28/19                  | 2.00                   | 23.20                 | ND                | 0.00                      | 13.68               | 6,887.12                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-30        | 05/06/19                  | 2.00                   | 23.20                 | ND                | 0.00                      | 13.81               | 6,886.99                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-30        | 08/23/19                  | 2.00                   | 23.20                 | ND                | 0.00                      | 14.88               | 6,885.92                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-30        | 10/22/19                  | 2.00                   | 23.19                 | ND                | 0.00                      | 15.82               | 6,884.98                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-30        | 02/26/20                  | 2.00                   | 23.20                 | ND                | 0.00                      | 15.31               | 6,885.49                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-30        | 06/26/20                  | 2.00                   | 23.20                 | ND                | 0.00                      | 16.19               | 6,884.61                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-30        | 09/15/20                  | 2.00                   | 23.22                 | ND                | 0.00                      | 16.66               | 6,884.14                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-30        | 11/10/20                  | 2.00                   | 23.22                 | ND                | 0.00                      | 16.87               | 6,883.93                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-30        | 12/04/20                  | 2.00                   | 23.22                 | ND                | 0.00                      | 16.76               | 6,884.04                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-30        | 01/28/21                  | 2.00                   | 23.22                 | ND                | 0.00                      | 16.79               | 6,884.01                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |

## MARATHON PETROLEUM COMPANY, GALLUP REFINERY

## GALLUP, NEW MEXICO

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft) | SPH Column Thickness (ft) | Depth to Water (ft) | 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        | 02/28/21                  | 2.00                   | 22.95                 | ND                | 0.00                      | 16.33               | 6,884.47                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
| MKTF-30        | 03/31/21                  | 2.00                   | 22.95                 | ND                | 0.00                      | 16.40               | 6,884.40                    | NA                                                | 10 - 20                                    | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| MKTF-31        | 02/14/19                  | 2.00                   | 22.81                 | ND                | 0.00                      | 8.25                | 6,898.62                    | NA                                                | 6 - 21                                     | Chinle/Alluvium Interface                 |
| MKTF-31        | 05/06/19                  | 2.00                   | 22.81                 | ND                | 0.00                      | 7.72                | 6,899.15                    | NA                                                | 6 - 21                                     | Chinle/Alluvium Interface                 |
| MKTF-31        | 08/23/19                  | 2.00                   | 19.35                 | ND                | 0.00                      | 8.30                | 6,898.57                    | NA                                                | 6 - 21                                     | Chinle/Alluvium Interface                 |
| MKTF-31        | 10/22/19                  | 2.00                   | 19.30                 | ND                | 0.00                      | 8.64                | 6,898.23                    | NA                                                | 6 - 21                                     | Chinle/Alluvium Interface                 |
| MKTF-31        | 02/24/20                  | 2.00                   | 22.81                 | ND                | 0.00                      | 8.10                | 6,898.77                    | NA                                                | 6 - 21                                     | Chinle/Alluvium Interface                 |
| MKTF-31        | 06/26/20                  | 2.00                   | 22.81                 | ND                | 0.00                      | 8.25                | 6,898.62                    | NA                                                | 6 - 21                                     | Chinle/Alluvium Interface                 |
| MKTF-31        | 09/15/20                  | 2.00                   | 19.34                 | ND                | 0.00                      | 8.75                | 6,898.12                    | NA                                                | 6 - 21                                     | Chinle/Alluvium Interface                 |
| MKTF-31        | 11/10/20                  | 2.00                   | 19.34                 | ND                | 0.00                      | 8.79                | 6,898.08                    | NA                                                | 6 - 21                                     | Chinle/Alluvium Interface                 |
| MKTF-31        | 12/04/20                  | 2.00                   | 19.37                 | ND                | 0.00                      | 8.73                | 6,898.14                    | NA                                                | 6 - 21                                     | Chinle/Alluvium Interface                 |
| MKTF-31        | 01/28/21                  | 2.00                   | 13.37                 | ND                | 0.00                      | 8.62                | 6,898.25                    | NA                                                | 6 - 21                                     | Chinle/Alluvium Interface                 |
| MKTF-31        | 02/28/21                  | 2.00                   | 19.36                 | ND                | 0.00                      | 8.53                | 6,898.34                    | NA                                                | 6 - 21                                     | Chinle/Alluvium Interface                 |
| MKTF-31        | 03/31/21                  | 2.00                   | 19.36                 | ND                | 0.00                      | 8.61                | 6,898.26                    | NA                                                | 6 - 21                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| MKTF-32        | 02/13/19                  | 2.00                   | 27.75                 | ND                | 0.00                      | 13.49               | 6,897.62                    | NA                                                | 9 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-32        | 05/07/19                  | 2.00                   | 27.75                 | ND                | 0.00                      | 13.25               | 6,897.86                    | NA                                                | 9 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-32        | 08/20/19                  | 2.00                   | 27.77                 | ND                | 0.00                      | 14.03               | 6,897.08                    | NA                                                | 9 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-32        | 10/23/19                  | 2.00                   | 27.75                 | ND                | 0.00                      | 14.01               | 6,897.10                    | NA                                                | 9 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-32        | 02/26/20                  | 2.00                   | 27.75                 | ND                | 0.00                      | 13.78               | 6,897.33                    | NA                                                | 9 - 25                                     | Chinle/Alluvium Interface                 |
| MKTF-32        | 06/29/20                  | 2.00                   | 27.75                 | ND                | 0.00                      | 14.25               | 6,896.86                    | NA                                                | 10 - 24                                    | Chinle/Alluvium Interface                 |
| MKTF-32        | 09/14/20                  | 2.00                   | 27.46                 | ND                | 0.00                      | 14.58               | 6,896.53                    | NA                                                | 9 - 26                                     | Chinle/Alluvium Interface                 |
| MKTF-32        | 11/10/20                  | 2.00                   | 27.46                 | ND                | 0.00                      | 14.31               | 6,896.80                    | NA                                                | 9 - 26                                     | Chinle/Alluvium Interface                 |
| MKTF-32        | 12/04/20                  | 2.00                   | 27.82                 | ND                | 0.00                      | 14.25               | 6,896.86                    | NA                                                | 9 - 26                                     | Chinle/Alluvium Interface                 |
| MKTF-32        | 01/28/21                  | 2.00                   | 27.82                 | 14.08             | 0.01                      | 14.08               | 6,897.03                    | NA                                                | 9 - 26                                     | Chinle/Alluvium Interface                 |
| MKTF-32        | 02/27/21                  | 2.00                   | 27.79                 | 14.01             | 0.01                      | 14.02               | 6,897.09                    | NA                                                | 9 - 26                                     | Chinle/Alluvium Interface                 |
| MKTF-32        | 03/31/21                  | 2.00                   | 27.79                 | ND                | 0.00                      | 14.11               | 6,897.00                    | NA                                                | 9 - 26                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| MKTF-33        | 03/25/19                  | 2.00                   | 33.20                 | ND                | 0.00                      | 22.00               | 6,917.75                    | NA                                                | 20 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-33        | 05/09/19                  | 2.00                   | 33.20                 | ND                | 0.00                      | 22.04               | 6,917.71                    | NA                                                | 20 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-33        | 08/20/19                  | 2.00                   | 33.23                 | ND                | 0.00                      | 22.35               | 6,917.40                    | NA                                                | 20 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-33        | 10/24/19                  | 2.00                   | 33.22                 | ND                | 0.00                      | 22.50               | 6,917.25                    | NA                                                | 20 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-33        | 02/27/20                  | 2.00                   | 33.20                 | ND                | 0.00                      | 22.71               | 6,917.04                    | NA                                                | 20 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-33        | 06/29/20                  | 2.00                   | 33.20                 | ND                | 0.00                      | 21.17               | 6,918.58                    | NA                                                | 20 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-33        | 09/14/20                  | 2.00                   | 33.15                 | 21.61             | 6.41                      | 28.02               | 6,911.73                    | 6916.86                                           | 20 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-33        | 11/10/20                  | 2.00                   | 33.15                 | 21.65             | 6.16                      | 27.81               | 6,911.94                    | 6916.87                                           | 20 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-33        | 12/04/20                  | 2.00                   | 33.57                 | 21.69             | 6.08                      | 27.77               | 6,911.98                    | 6916.84                                           | 20 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-33        | 01/28/21                  | 2.00                   | 33.57                 | 22.58             | 3.38                      | 25.96               | 6,913.79                    | 6916.49                                           | 20 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-33        | 02/27/21                  | 2.00                   | 33.28                 | 23.00             | 0.75                      | 23.75               | 6,916.00                    | 6916.60                                           | 20 - 30                                    | Chinle/Alluvium Interface                 |

TABLE 2A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50

## MARATHON PETROLEUM COMPANY, GALLUP REFINERY

## GALLUP, NEW MEXICO

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft) | SPH Column Thickness (ft) | Depth to Water (ft) | 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        | 03/30/21                  | 2.00                   | 33.28                 | 23.19             | 0.22                      | 23.41               | 6,916.34                    | 6916.52                                           | 20 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-34        | 03/25/19                  | 2.00                   | 27.68                 | ND                | 0.00                      | 16.95               | 6,928.40                    | NA                                                | 9 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-34        | 05/09/19                  | 2.00                   | 27.68                 | ND                | 0.00                      | 18.09               | 6,927.26                    | NA                                                | 9 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-34        | 08/19/19                  | 2.00                   | 27.70                 | ND                | 0.00                      | 17.70               | 6,927.65                    | NA                                                | 9 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-34        | 10/29/19                  | 2.00                   | 27.70                 | ND                | 0.00                      | 18.03               | 6,927.32                    | NA                                                | 9 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-34        | 11/12/19                  | 2.00                   | 27.70                 | ND                | 0.00                      | 18.06               | 6,927.29                    | NA                                                | 9 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-34        | 02/05/20                  | 2.00                   | 27.70                 | ND                | 0.00                      | 17.78               | 6,927.57                    | NA                                                | 9 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-34        | 06/29/20                  | 2.00                   | 27.70                 | 19.04             | 0.02                      | 19.06               | 6,926.29                    | 6926.31                                           | 9 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-34        | 09/14/20                  | 2.00                   | 27.76                 | ND                | 0.00                      | 19.09               | 6,926.26                    | NA                                                | 9 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-34        | 11/10/20                  | 2.00                   | 27.76                 | ND                | 0.00                      | 19.08               | 6,926.27                    | NA                                                | 9 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-34        | 12/04/20                  | 2.00                   | 27.78                 | 18.91             | 0.01                      | 18.92               | 6,926.43                    | 6,926.44                                          | 9 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-34        | 01/28/21                  | 2.00                   | 27.80                 | ND                | 0.00                      | 19.39               | 6,925.96                    | NA                                                | 9 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-34        | 02/28/21                  | 2.00                   | 27.79                 | 18.40             | 0.01                      | 18.41               | 6,926.94                    | 6,926.95                                          | 9 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-34        | 03/31/21                  | 2.00                   | 27.79                 | ND                | 0.00                      | 20.61               | 6,924.74                    | 6,924.74                                          | 9 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-35        | 03/25/19                  | 2.00                   | 16.45                 | ND                | 0.00                      | 8.54                | 6,943.11                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-35        | 05/16/19                  | 2.00                   | 16.45                 | ND                | 0.00                      | 8.49                | 6,943.16                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-35        | 08/19/19                  | 2.00                   | 16.48                 | ND                | 0.00                      | 8.09                | 6,943.56                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-35        | 10/28/19                  | 2.00                   | 16.45                 | ND                | 0.00                      | 8.42                | 6,943.23                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-35        | 10/29/19                  | 2.00                   | 16.45                 | ND                | 0.00                      | 8.40                | 6,943.25                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-35        | 11/12/19                  | 2.00                   | 16.45                 | ND                | 0.00                      | 8.60                | 6,943.05                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-35        | 02/05/20                  | 2.00                   | 16.45                 | ND                | 0.00                      | 9.28                | 6,942.37                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-35        | 06/30/20                  | 2.00                   | 16.45                 | ND                | 0.00                      | 9.25                | 6,942.40                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-35        | 09/14/20                  | 2.00                   | 16.23                 | ND                | 0.00                      | 8.59                | 6,943.06                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-35        | 11/10/20                  | 2.00                   | 16.23                 | ND                | 0.00                      | 8.86                | 6,942.79                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-35        | 12/04/20                  | 2.00                   | 16.39                 | 9.02              | 0.01                      | 9.03                | 6,942.62                    | 6,942.63                                          | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-35        | 01/28/21                  | 2.00                   | 16.39                 | ND                | 0.00                      | 9.46                | 6,942.19                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-35        | 02/28/21                  | 2.00                   | 16.55                 | ND                | 0.00                      | 9.17                | 6,942.48                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-35        | 03/31/21                  | 2.00                   | 16.55                 | ND                | 0.00                      | 9.50                | 6,942.15                    | NA                                                | 6 - 16                                     | Chinle/Alluvium Interface                 |
| MKTF-36        | 03/25/19                  | 2.00                   | NM                    | NM                | 0.00                      | NM                  | NA                          | NA                                                | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-36        | 05/14/19                  | 2.00                   | NM                    | NM                | 0.00                      | NM                  | NA                          | NA                                                | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-36        | 08/19/19                  | 2.00                   | NM                    | NM                | 0.00                      | NM                  | NA                          | NA                                                | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-36        | 11/06/19                  | 2.00                   | 15.40                 | 5.08              | 5.25                      | 10.33               | 6,939.79                    | 6,943.99                                          | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-36        | 11/07/19                  | 2.00                   | 15.61                 | 4.30              | 5.91                      | 10.21               | 6,943.30                    | 6,948.03                                          | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-36        | 11/12/19                  | 2.00                   | 15.61                 | 6.80              | 2.85                      | 9.65                | 6,943.86                    | 6,946.14                                          | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-36        | 11/13/19                  | 2.00                   | 15.61                 | 6.95              | 2.45                      | 9.40                | 6,944.11                    | 6,946.07                                          | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-36        | 11/14/19                  | 2.00                   | 15.61                 | 7.14              | 2.47                      | 9.61                | 6,943.90                    | 6,945.88                                          | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-36        | 11/15/19                  | 2.00                   | 15.61                 | 7.31              | 2.15                      | 9.46                | 6,944.05                    | 6,945.77                                          | 5 - 15                                     | Chinle/Alluvium Interface                 |

TABLE 2A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50

## MARATHON PETROLEUM COMPANY, GALLUP REFINERY

## GALLUP, NEW MEXICO

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft) | SPH Column Thickness (ft) | Depth to Water (ft) | 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        | 11/19/19                  | 2.00                   | 15.61                 | 7.80              | 1.18                      | 8.98                | 6,944.53                    | 6,945.47                                          | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-36        | 11/21/19                  | 2.00                   | 15.61                 | 8.00              | 0.78                      | 8.78                | 6,944.73                    | 6,945.35                                          | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-36        | 12/02/19                  | 2.00                   | 15.61                 | 8.25              | 0.70                      | 8.95                | 6,944.56                    | 6,945.12                                          | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-36        | 02/03/20                  | 2.00                   | 15.61                 | 7.89              | 0.55                      | 8.44                | 6,945.07                    | 6,945.51                                          | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-36        | 06/30/20                  | 2.00                   | 15.61                 | 8.04              | 0.21                      | 8.25                | 6,945.26                    | 6,945.43                                          | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-36        | 09/14/20                  | 2.00                   | 15.58                 | ND                | 0.00                      | 7.87                | 6,945.64                    | NA                                                | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-36        | 11/10/20                  | 2.00                   | 15.58                 | 7.98              | 0.05                      | 8.03                | 6,945.48                    | 6,945.52                                          | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-36        | 12/04/20                  | 2.00                   | 15.58                 | 8.10              | 0.07                      | 8.17                | 6,945.34                    | 6,945.40                                          | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-36        | 01/28/21                  | 2.00                   | 15.58                 | 8.13              | 0.05                      | 8.18                | 6,945.33                    | 6,945.37                                          | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-36        | 02/28/21                  | 2.00                   | 15.58                 | 8.26              | 0.01                      | 8.27                | 6,945.24                    | 6,945.25                                          | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-36        | 03/31/21                  | 2.00                   | 15.58                 | ND                | 0.00                      | 8.36                | 6,945.15                    | 6,945.15                                          | 5 - 15                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| MKTF-37        | 03/25/19                  | 2.00                   | 24.60                 | ND                | 0.00                      | 8.39                | 6,950.48                    | NA                                                | 4 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-37        | 05/16/19                  | 2.00                   | 24.60                 | 9.10              | 0.08                      | 9.18                | 6,949.69                    | 6,949.75                                          | 4 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-37        | 08/23/19                  | 2.00                   | 24.59                 | 8.85              | 0.02                      | 8.87                | 6,950.00                    | 6,950.02                                          | 4 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-37        | 10/28/19                  | 2.00                   | 24.60                 | 9.30              | 0.03                      | 9.33                | 6,949.54                    | 6,949.56                                          | 4 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-37        | 10/29/19                  | 2.00                   | 24.60                 | 9.17              | 0.03                      | 9.20                | 6,949.67                    | 6,949.69                                          | 4 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-37        | 11/12/19                  | 2.00                   | 24.60                 | 9.52              | 0.04                      | 9.56                | 6,949.31                    | 6,949.34                                          | 4 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-37        | 02/03/20                  | 2.00                   | 24.60                 | 9.77              | 0.12                      | 9.89                | 6,948.98                    | 6,949.08                                          | 4 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-37        | 06/30/20                  | 2.00                   | 24.60                 | 9.61              | 0.02                      | 9.63                | 6,949.24                    | 6,949.26                                          | 4 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-37        | 09/14/20                  | 2.00                   | 24.54                 | ND                | 0.00                      | 8.76                | 6,950.11                    | NA                                                | 4 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-37        | 11/10/20                  | 2.00                   | 24.54                 | 9.36              | 0.01                      | 9.37                | 6,949.50                    | 6,949.51                                          | 4 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-37        | 12/04/20                  | 2.00                   | 24.61                 | 9.64              | 0.01                      | 9.65                | 6,949.22                    | 6,949.23                                          | 4 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-37        | 01/28/21                  | 2.00                   | 24.61                 | 9.64              | 0.01                      | 9.65                | 6,949.22                    | 6,949.23                                          | 4 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-37        | 02/28/21                  | 2.00                   | 24.67                 | 9.65              | 0.02                      | 9.67                | 6,949.20                    | 6,949.22                                          | 4 - 24                                     | Chinle/Alluvium Interface                 |
| MKTF-37        | 03/31/21                  | 2.00                   | 24.67                 | 9.83              | 0.02                      | 9.85                | 6,949.02                    | 6,949.04                                          | 4 - 24                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| MKTF-38        | 03/26/19                  | 2.00                   | 20.29                 | ND                | 0.00                      | 11.30               | 6,943.59                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-38        | 05/14/19                  | 2.00                   | 20.29                 | ND                | 0.00                      | 8.66                | 6,946.23                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-38        | 06/27/19                  | 2.00                   | 20.29                 | ND                | 0.00                      | 8.75                | 6,946.14                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-38        | 08/20/19                  | 2.00                   | 20.27                 | ND                | 0.00                      | 8.77                | 6,946.12                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-38        | 12/03/19                  | 2.00                   | 20.29                 | ND                | 0.00                      | 9.50                | 6,945.39                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-38        | 03/04/20                  | 2.00                   | 20.31                 | ND                | 0.00                      | 9.61                | 6,945.28                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-38        | 06/26/20                  | 2.00                   | 20.33                 | ND                | 0.00                      | 9.38                | 6,945.51                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-38        | 09/14/20                  | 2.00                   | 20.18                 | ND                | 0.00                      | 8.55                | 6,946.34                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-38        | 11/10/20                  | 2.00                   | 20.18                 | ND                | 0.00                      | 9.12                | 6,945.77                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-38        | 12/04/20                  | 2.00                   | 21.30                 | 9.35              | 0.01                      | 9.36                | 6,945.53                    | 6,945.54                                          | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-38        | 02/28/21                  | 2.00                   | 21.30                 | ND                | 0.00                      | 9.22                | 6,945.67                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-38        | 02/28/21                  | 2.00                   | 20.34                 | ND                | 0.00                      | 9.17                | 6,945.72                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-38        | 03/31/21                  | 2.00                   | 20.34                 | ND                | 0.00                      | 9.30                | 6,945.59                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |

TABLE 2A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50

MARATHON PETROLEUM COMPANY, GALLUP REFINERY

GALLUP, NEW MEXICO

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft) | SPH Column Thickness (ft) | Depth to Water (ft) | 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        | 03/28/19                  | 2.00                   | 15.20                 | NM                | 0.00                      | NM                  | NA                          | NA                                                | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-39        | 06/05/19                  | 2.00                   | 15.20                 | ND                | 0.00                      | 8.69                | 6,945.06                    | NA                                                | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-39        | 08/20/19                  | 2.00                   | 15.20                 | ND                | 0.00                      | 9.04                | 6,944.71                    | NA                                                | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-39        | 11/04/19                  | 2.00                   | 15.18                 | ND                | 0.00                      | 9.59                | 6,944.16                    | NA                                                | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-39        | 02/03/20                  | 2.00                   | 15.20                 | ND                | 0.00                      | 10.10               | 6,943.65                    | NA                                                | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-39        | 06/26/20                  | 2.00                   | 15.00                 | ND                | 0.00                      | 9.63                | 6,944.12                    | NA                                                | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-39        | 09/15/20                  | 2.00                   | 14.19                 | ND                | 0.00                      | 9.58                | 6,944.17                    | NA                                                | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-39        | 11/10/20                  | 2.00                   | 14.19                 | ND                | 0.00                      | 10.05               | 6,943.70                    | NA                                                | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-39        | 12/04/20                  | 2.00                   | 15.19                 | ND                | 0.00                      | 10.15               | 6,943.70                    | NA                                                | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-39        | 01/28/21                  | 2.00                   | 15.19                 | 9.45              | 2.13                      | 11.58               | 6,942.17                    | 6,943.87                                          | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-39        | 02/28/21                  | 2.00                   | 15.21                 | 9.31              | 0.71                      | 10.02               | 6,943.73                    | 6,944.30                                          | 5 - 15                                     | Chinle/Alluvium Interface                 |
| MKTF-39        | 03/31/21                  | 2.00                   | 15.21                 | 9.38              | 0.82                      | 10.20               | 6,943.55                    | 6,944.21                                          | 5 - 15                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| MKTF-40        | 02/20/19                  | 2.00                   | 23.64                 | ND                | 0.00                      | 12.79               | 6,881.54                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-40        | 05/06/19                  | 2.00                   | 23.64                 | ND                | 0.00                      | 12.36               | 6,881.97                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-40        | 08/22/19                  | 2.00                   | 23.54                 | ND                | 0.00                      | 12.15               | 6,882.18                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-40        | 10/22/19                  | 2.00                   | 23.62                 | ND                | 0.00                      | 13.04               | 6,881.29                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-40        | 02/27/20                  | 2.00                   | 23.64                 | ND                | 0.00                      | 13.23               | 6,881.10                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-40        | 06/26/20                  | 2.00                   | 23.64                 | ND                | 0.00                      | 12.75               | 6,881.58                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-40        | 09/15/20                  | 2.00                   | 23.66                 | ND                | 0.00                      | 13.39               | 6,880.94                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-40        | 11/10/20                  | 2.00                   | 23.66                 | ND                | 0.00                      | 13.71               | 6,880.62                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-40        | 12/04/20                  | 2.00                   | 23.67                 | ND                | 0.00                      | 13.99               | 6,880.34                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-40        | 01/28/21                  | 2.00                   | 23.68                 | ND                | 0.00                      | 14.22               | 6,880.11                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-40        | 02/28/21                  | 2.00                   | 23.66                 | ND                | 0.00                      | 14.17               | 6,880.16                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
| MKTF-40        | 03/31/21                  | 2.00                   | 23.66                 | ND                | 0.00                      | 14.65               | 6,879.68                    | NA                                                | 5 - 20                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| MKTF-41        | 02/13/19                  | 2.00                   | 40.10                 | ND                | 0.00                      | 20.10               | 6,873.54                    | NA                                                | 22 - 37                                    | Chinle/Alluvium Interface                 |
| MKTF-41        | 05/07/19                  | 2.00                   | 40.10                 | ND                | 0.00                      | 19.52               | 6,874.12                    | NA                                                | 22 - 37                                    | Chinle/Alluvium Interface                 |
| MKTF-41        | 08/22/19                  | 2.00                   | 39.74                 | ND                | 0.00                      | 19.55               | 6,874.09                    | NA                                                | 22 - 37                                    | Chinle/Alluvium Interface                 |
| MKTF-41        | 10/23/19                  | 2.00                   | 39.71                 | ND                | 0.00                      | 20.02               | 6,873.62                    | NA                                                | 22 - 37                                    | Chinle/Alluvium Interface                 |
| MKTF-41        | 02/26/20                  | 2.00                   | 40.10                 | ND                | 0.00                      | 20.15               | 6,873.49                    | NA                                                | 22 - 37                                    | Chinle/Alluvium Interface                 |
| MKTF-41        | 06/29/20                  | 2.00                   | 40.10                 | ND                | 0.00                      | 19.77               | 6,873.87                    | NA                                                | 22 - 37                                    | Chinle/Alluvium Interface                 |
| MKTF-41        | 09/14/20                  | 2.00                   | 39.66                 | ND                | 0.00                      | 20.72               | 6,872.92                    | NA                                                | 22 - 37                                    | Chinle/Alluvium Interface                 |
| MKTF-41        | 11/10/20                  | 2.00                   | 39.66                 | ND                | 0.00                      | 21.01               | 6,872.63                    | NA                                                | 22 - 37                                    | Chinle/Alluvium Interface                 |
| MKTF-41        | 12/04/20                  | 2.00                   | 39.80                 | ND                | 0.00                      | 20.90               | 6,872.74                    | NA                                                | 22 - 37                                    | Chinle/Alluvium Interface                 |
| MKTF-41        | 01/28/21                  | 2.00                   | 39.94                 | ND                | 0.00                      | 21.21               | 6,872.43                    | NA                                                | 22 - 37                                    | Chinle/Alluvium Interface                 |
| MKTF-41        | 02/27/21                  | 2.00                   | 39.85                 | ND                | 0.00                      | 21.11               | 6,872.53                    | NA                                                | 22 - 37                                    | Chinle/Alluvium Interface                 |
| MKTF-41        | 03/31/21                  | 2.00                   | 39.85                 | ND                | 0.00                      | 21.41               | 6,872.23                    | NA                                                | 22 - 37                                    | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |

TABLE 2A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50

## MARATHON PETROLEUM COMPANY, GALLUP REFINERY

## GALLUP, NEW MEXICO

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft) | SPH Column Thickness (ft) | Depth to Water (ft) | 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        | 02/13/19                  | 2.00                   | 33.15                 | ND                | 0.00                      | 17.18               | 6,875.77                    | NA                                                | 10 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-42        | 05/07/19                  | 2.00                   | 33.15                 | ND                | 0.00                      | 16.68               | 6,876.27                    | NA                                                | 10 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-42        | 08/22/19                  | 2.00                   | 33.20                 | ND                | 0.00                      | 16.40               | 6,876.55                    | NA                                                | 10 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-42        | 10/23/19                  | 2.00                   | 33.18                 | ND                | 0.00                      | 16.52               | 6,876.43                    | NA                                                | 10 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-42        | 02/26/20                  | 2.00                   | 33.15                 | ND                | 0.00                      | 16.79               | 6,876.16                    | NA                                                | 10 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-42        | 06/30/20                  | 2.00                   | 33.15                 | ND                | 0.00                      | 16.25               | 6,876.70                    | NA                                                | 10 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-42        | 09/14/20                  | 2.00                   | 33.10                 | ND                | 0.00                      | 16.35               | 6,876.60                    | NA                                                | 10 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-42        | 11/10/20                  | 2.00                   | 33.10                 | ND                | 0.00                      | 15.30               | 6,877.65                    | NA                                                | 10 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-42        | 12/04/20                  | 2.00                   | 32.95                 | ND                | 0.00                      | 16.41               | 6,876.54                    | NA                                                | 10 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-42        | 01/28/21                  | 2.00                   | 32.95                 | ND                | 0.00                      | 16.85               | 6,876.10                    | NA                                                | 10 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-42        | 02/27/21                  | 2.00                   | 33.24                 | ND                | 0.00                      | 16.83               | 6,876.12                    | NA                                                | 10 - 30                                    | Chinle/Alluvium Interface                 |
| MKTF-42        | 03/31/21                  | 2.00                   | 33.24                 | ND                | 0.00                      | 17.17               | 6,875.78                    | NA                                                | 10 - 30                                    | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| MKTF-43        | 02/13/19                  | 2.00                   | 15.43                 | ND                | 0.00                      | 5.99                | 6,870.91                    | NA                                                | 2 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-43        | 05/08/19                  | 2.00                   | 15.43                 | ND                | 0.00                      | 3.97                | 6,872.93                    | NA                                                | 2 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-43        | 08/22/19                  | 2.00                   | 15.41                 | ND                | 0.00                      | 3.67                | 6,873.23                    | NA                                                | 2 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-43        | 10/24/19                  | 2.00                   | 15.38                 | ND                | 0.00                      | 4.34                | 6,872.56                    | NA                                                | 2 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-43        | 02/26/20                  | 2.00                   | 15.43                 | ND                | 0.00                      | 6.33                | 6,870.57                    | NA                                                | 2 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-43        | 06/30/20                  | 2.00                   | 15.43                 | ND                | 0.00                      | 5.50                | 6,871.40                    | NA                                                | 2 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-43        | 09/14/20                  | 2.00                   | 16.22                 | ND                | 0.00                      | 6.45                | 6,870.45                    | NA                                                | 2 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-43        | 11/10/20                  | 2.00                   | 16.22                 | ND                | 0.00                      | 7.48                | 6,869.42                    | NA                                                | 2 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-43        | 12/04/20                  | 2.00                   | 16.92                 | ND                | 0.00                      | 8.12                | 6,868.78                    | NA                                                | 2 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-43        | 01/28/21                  | 2.00                   | 16.92                 | ND                | 0.00                      | 8.69                | 6,868.21                    | NA                                                | 2 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-43        | 02/27/21                  | 2.00                   | 16.95                 | ND                | 0.00                      | 8.67                | 6,868.23                    | NA                                                | 2 - 12                                     | Chinle/Alluvium Interface                 |
| MKTF-43        | 03/31/21                  | 2.00                   | 16.95                 | ND                | 0.00                      | 8.49                | 6,868.41                    | NA                                                | 2 - 12                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| MKTF-44        | 02/13/19                  | 2.00                   | 51.15                 | ND                | 0.00                      | 33.39               | 6,836.56                    | NA                                                | 38 - 48                                    | Chinle/Alluvium Interface                 |
| MKTF-44        | 05/08/19                  | 2.00                   | 51.15                 | ND                | 0.00                      | 34.20               | 6,835.75                    | NA                                                | 38 - 48                                    | Chinle/Alluvium Interface                 |
| MKTF-44        | 08/22/19                  | 2.00                   | 51.20                 | ND                | 0.00                      | 30.96               | 6,838.99                    | NA                                                | 38 - 48                                    | Chinle/Alluvium Interface                 |
| MKTF-44        | 10/24/19                  | 2.00                   | 51.16                 | ND                | 0.00                      | 38.54               | 6,831.41                    | NA                                                | 38 - 48                                    | Chinle/Alluvium Interface                 |
| MKTF-44        | 03/04/20                  | 2.00                   | 51.15                 | ND                | 0.00                      | 30.34               | 6,839.61                    | NA                                                | 38 - 48                                    | Chinle/Alluvium Interface                 |
| MKTF-44        | 06/26/20                  | 2.00                   | 51.15                 | ND                | 0.00                      | 33.08               | 6,836.87                    | NA                                                | 38 - 48                                    | Chinle/Alluvium Interface                 |
| MKTF-44        | 09/14/20                  | 2.00                   | 51.95                 | ND                | 0.00                      | 28.00               | 6,841.95                    | NA                                                | 38 - 48                                    | Chinle/Alluvium Interface                 |
| MKTF-44        | 12/04/20                  | 2.00                   | 51.39                 | ND                | 0.00                      | 39.59               | 6,830.36                    | NA                                                | 38 - 48                                    | Chinle/Alluvium Interface                 |
| MKTF-44        | 02/28/21                  | 2.00                   | 51.50                 | ND                | 0.00                      | 38.50               | 6,831.45                    | NA                                                | 38 - 48                                    | Chinle/Alluvium Interface                 |
| MKTF-44        | 03/31/21                  | 2.00                   | 51.50                 | ND                | 0.00                      | 45.28               | 6,824.67                    | NA                                                | 38 - 48                                    | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| MKTF-45        | 03/26/19                  | 4.00                   | 30.24                 | 12.00             | 0.50                      | 12.50               | 6,937.09                    | 6,937.49                                          | Unknown                                    | Chinle/Alluvium Interface                 |
| MKTF-45        | 05/14/19                  | 4.00                   | 30.24                 | 12.43             | 0.59                      | 13.02               | 6,936.57                    | 6,937.04                                          | Unknown                                    | Chinle/Alluvium Interface                 |
| MKTF-45        | 08/19/19                  | 4.00                   | 30.33                 | 14.02             | 0.46                      | 14.48               | 6,935.11                    | 6,935.48                                          | Unknown                                    | Chinle/Alluvium Interface                 |

**TABLE 2A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50**  
**MARATHON PETROLEUM COMPANY, GALLUP REFINERY**  
**GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft) | SPH Column Thickness (ft) | Depth to Water (ft) | 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        | 10/28/19                  | 4.00                   | 30.24                 | 11.97             | 1.03                      | 13.00               | 6,936.59                    | 6,937.41                                          | Unknown                                    | Chinle/Alluvium Interface                 |
| MKTF-45        | 10/29/19                  | 4.00                   | 30.24                 | 11.38             | 2.37                      | 13.75               | 6,935.84                    | 6,937.74                                          | Unknown                                    | Chinle/Alluvium Interface                 |
| MKTF-45        | 10/31/18                  | 4.00                   | 30.24                 | 10.66             | 6.24                      | 16.90               | 6,932.69                    | 6,937.68                                          | Unknown                                    | Chinle/Alluvium Interface                 |
| MKTF-45        | 11/06/19                  | 4.00                   | 30.24                 | 9.57              | 12.95                     | 22.52               | 6,927.07                    | 6,937.43                                          | Unknown                                    | Chinle/Alluvium Interface                 |
| MKTF-45        | 11/07/19                  | 4.00                   | 30.24                 | 9.00              | 13.25                     | 22.25               | 6,927.34                    | 6,937.94                                          | Unknown                                    | Chinle/Alluvium Interface                 |
| MKTF-45        | 11/11/19                  | 4.00                   | 30.24                 | 8.75              | 14.85                     | 23.60               | 6,925.99                    | 6,937.87                                          | Unknown                                    | Chinle/Alluvium Interface                 |
| MKTF-45        | 11/12/19                  | 4.00                   | 30.24                 | 9.62              | 14.30                     | 23.92               | 6,925.67                    | 6,937.11                                          | Unknown                                    | Chinle/Alluvium Interface                 |
| MKTF-45        | 11/13/19                  | 4.00                   | 30.24                 | 9.70              | 16.23                     | 25.93               | 6,923.66                    | 6,936.64                                          | Unknown                                    | Chinle/Alluvium Interface                 |
| MKTF-45        | 11/14/19                  | 4.00                   | 30.24                 | 10.06             | 15.23                     | 25.29               | 6,924.30                    | 6,936.48                                          | Unknown                                    | Chinle/Alluvium Interface                 |
| MKTF-45        | 11/15/19                  | 4.00                   | 30.24                 | 10.28             | 14.29                     | 24.57               | 6,925.02                    | 6,936.45                                          | Unknown                                    | Chinle/Alluvium Interface                 |
| MKTF-45        | 11/19/19                  | 4.00                   | 30.24                 | 10.84             | 11.91                     | 22.75               | 6,926.84                    | 6,936.37                                          | Unknown                                    | Chinle/Alluvium Interface                 |
| MKTF-45        | 11/21/19                  | 4.00                   | 30.24                 | 11.00             | 10.90                     | 21.90               | 6,927.69                    | 6,936.41                                          | Unknown                                    | Chinle/Alluvium Interface                 |
| MKTF-45        | 12/02/19                  | 4.00                   | 30.24                 | 12.38             | 6.57                      | 18.95               | 6,930.64                    | 6,935.90                                          | Unknown                                    | Chinle/Alluvium Interface                 |
| MKTF-45        | 02/03/20                  | 4.00                   | 30.24                 | 9.60              | 9.02                      | 18.62               | 6,930.97                    | 6,938.19                                          | Unknown                                    | Chinle/Alluvium Interface                 |
| MKTF-45        | 06/30/20                  | 4.00                   | 30.24                 | 11.08             | 8.00                      | 19.08               | 6,930.51                    | 6,936.91                                          | Unknown                                    | Chinle/Alluvium Interface                 |
| MKTF-45        | 09/14/20                  | 4.00                   | 37.45                 | 13.14             | 5.29                      | 18.43               | 6,931.16                    | 6,935.39                                          | Unknown                                    | Chinle/Alluvium Interface                 |
| MKTF-45        | 11/10/20                  | 4.00                   | 37.45                 | 12.94             | 1.82                      | 14.76               | 6,934.83                    | 6,936.29                                          | Unknown                                    | Chinle/Alluvium Interface                 |
| MKTF-45        | 12/04/20                  | 4.00                   | 30.45                 | 12.66             | 1.85                      | 14.51               | 6,935.08                    | 6,936.56                                          | Unknown                                    | Chinle/Alluvium Interface                 |
| MKTF-45        | 01/28/21                  | 4.00                   | 30.45                 | 16.00             | 0.13                      | 16.13               | 6,933.46                    | 6,933.56                                          | Unknown                                    | Chinle/Alluvium Interface                 |
| MKTF-45        | 02/27/21                  | 4.00                   | 30.50                 | 13.55             | 0.01                      | 13.56               | 6,936.03                    | 6,936.04                                          | Unknown                                    | Chinle/Alluvium Interface                 |
| MKTF-45        | 03/30/21                  | 4.00                   | 30.50                 | 15.40             | 0.20                      | 15.60               | 6,933.99                    | 6,934.15                                          | Unknown                                    | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| MKTF-46        | 10/29/19                  | 2.00                   | 21.29                 | ND                | 0.00                      | 10.28               | 6,947.32                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-46        | 11/12/19                  | 2.00                   | 21.29                 | ND                | 0.00                      | 10.46               | 6,947.14                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-46        | 12/02/19                  | 2.00                   | 21.29                 | ND                | 0.00                      | 10.70               | 6,946.90                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-46        | 03/05/20                  | 2.00                   | 18.00                 | ND                | 0.00                      | 10.93               | 6,946.67                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-46        | 06/30/20                  | 2.00                   | 18.00                 | ND                | 0.00                      | 11.08               | 6,946.52                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-46        | 09/14/20                  | 2.00                   | 25.29                 | ND                | 0.00                      | 10.18               | 6,947.42                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-46        | 11/10/20                  | 2.00                   | 25.29                 | ND                | 0.00                      | 10.57               | 6,947.03                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-46        | 12/04/20                  | 2.00                   | 21.30                 | ND                | 0.00                      | 10.77               | 6,946.83                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-46        | 01/28/21                  | 2.00                   | 21.30                 | ND                | 0.00                      | 11.32               | 6,946.28                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-46        | 02/27/21                  | 2.00                   | 21.30                 | ND                | 0.00                      | 10.82               | 6,946.78                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-46        | 03/31/21                  | 2.00                   | 21.30                 | ND                | 0.00                      | 10.90               | 6,946.70                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| MKTF-47        | 12/02/19                  | 2.00                   | 14.30                 | ND                | 0.00                      | 9.78                | 6,949.31                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-47        | 03/05/20                  | 2.00                   | 14.00                 | ND                | 0.00                      | 9.89                | 6,949.20                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-47        | 06/29/20                  | 2.00                   | 14.00                 | ND                | 0.00                      | 9.50                | 6,949.59                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-47        | 09/15/20                  | 2.00                   | 14.31                 | 8.53              | 0.01                      | 8.54                | 6,950.55                    | 6,950.56                                          | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-47        | 11/10/20                  | 2.00                   | 14.31                 | ND                | 0.00                      | 9.33                | 6,949.76                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-47        | 12/04/20                  | 2.00                   | 14.31                 | 9.58              | 0.01                      | 9.59                | 6,949.50                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |

**TABLE 2A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50**  
**MARATHON PETROLEUM COMPANY, GALLUP REFINERY**  
**GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft) | SPH Column Thickness (ft) | Depth to Water (ft) | 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        | 01/28/21                  | 2.00                   | 14.31                 | ND                | 0.00                      | 9.34                | 6,949.75                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-47        | 02/27/21                  | 2.00                   | 14.30                 | ND                | 0.00                      | 9.15                | 6,949.94                    | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
| MKTF-47        | 03/31/21                  | 2.00                   | 14.30                 | ND                | 0.00                      | DRY                 | NA                          | NA                                                | 4 - 14                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| MKTF-48        | 12/02/19                  | 2.00                   | 20.92                 | ND                | 0.00                      | 11.85               | 6,949.88                    | NA                                                | 2 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-48        | 03/03/20                  | 2.00                   | 18.00                 | 12.66             | 0.16                      | 12.82               | 6,948.91                    | 6949.04                                           | 2 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-48        | 06/29/20                  | 2.00                   | 18.00                 | ND                | 0.00                      | 11.58               | 6,950.15                    | NA                                                | 2 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-48        | 09/15/20                  | 2.00                   | 19.91                 | 11.85             | 0.01                      | 11.86               | 6,949.87                    | 6949.88                                           | 2 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-48        | 11/10/20                  | 2.00                   | 19.91                 | 12.40             | 0.11                      | 12.51               | 6,949.22                    | 6949.31                                           | 2 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-48        | 12/04/20                  | 2.00                   | 20.94                 | 12.77             | 0.33                      | 13.10               | 6,948.63                    | 6948.89                                           | 2 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-48        | 01/28/21                  | 2.00                   | 21.97                 | 12.19             | 0.01                      | 12.20               | 6,949.53                    | 6949.54                                           | 2 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-48        | 02/27/21                  | 2.00                   | 20.95                 | 12.19             | 0.06                      | 12.25               | 6,949.48                    | 6949.53                                           | 2 - 17                                     | Chinle/Alluvium Interface                 |
| MKTF-48        | 03/31/21                  | 2.00                   | 20.95                 | 12.41             | 0.24                      | 12.65               | 6,949.08                    | 6949.27                                           | 2 - 17                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| MKTF-49        | 12/03/19                  | 2.00                   | 24.90                 | ND                | 0.00                      | 19.90               | 6,926.86                    | NA                                                | 5 - 25                                     | Chinle/Alluvium Interface                 |
| MKTF-49        | 03/04/20                  | 2.00                   | 28.00                 | ND                | 0.00                      | 20.27               | 6,926.49                    | NA                                                | 5 - 25                                     | Chinle/Alluvium Interface                 |
| MKTF-49        | 06/30/20                  | 2.00                   | 28.00                 | ND                | 0.00                      | 20.65               | 6,926.11                    | NA                                                | 5 - 25                                     | Chinle/Alluvium Interface                 |
| MKTF-49        | 09/15/20                  | 2.00                   | 24.96                 | ND                | 0.00                      | 20.33               | 6,926.43                    | NA                                                | 5 - 25                                     | Chinle/Alluvium Interface                 |
| MKTF-49        | 11/10/20                  | 2.00                   | 24.96                 | ND                | 0.00                      | 20.75               | 6,926.01                    | NA                                                | 5 - 25                                     | Chinle/Alluvium Interface                 |
| MKTF-49        | 12/04/20                  | 2.00                   | 24.97                 | ND                | 0.00                      | 20.81               | 6,925.95                    | NA                                                | 5 - 25                                     | Chinle/Alluvium Interface                 |
| MKTF-49        | 01/28/21                  | 2.00                   | 24.98                 | ND                | 0.00                      | 21.05               | 6,925.71                    | NA                                                | 5 - 25                                     | Chinle/Alluvium Interface                 |
| MKTF-49        | 02/28/21                  | 2.00                   | 25.02                 | ND                | 0.00                      | 21.05               | 6,925.71                    | NA                                                | 5 - 25                                     | Chinle/Alluvium Interface                 |
| MKTF-49        | 03/31/21                  | 2.00                   | 25.02                 | ND                | 0.00                      | 21.15               | 6,925.61                    | NA                                                | 5 - 25                                     | Chinle/Alluvium Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| MKTF-50        | 12/03/19                  | 2.00                   | 21.65                 | ND                | 0.00                      | 15.61               | 6,927.21                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-50        | 03/04/20                  | 2.00                   | 26.00                 | ND                | 0.00                      | 15.87               | 6,926.95                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-50        | 06/30/20                  | 2.00                   | 26.00                 | ND                | 0.00                      | 16.00               | 6,926.82                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-50        | 09/15/20                  | 2.00                   | 22.64                 | 15.36             | 0.01                      | 15.37               | 6,927.45                    | 6927.46                                           | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-50        | 11/10/20                  | 2.00                   | 22.64                 | ND                | 0.00                      | 16.03               | 6,926.79                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-50        | 12/04/20                  | 2.00                   | 21.63                 | ND                | 0.00                      | 16.17               | 6,926.65                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-50        | 01/28/21                  | 2.00                   | 20.62                 | ND                | 0.00                      | 16.43               | 6,926.39                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-50        | 02/28/21                  | 2.00                   | 21.70                 | ND                | 0.00                      | 16.38               | 6,926.44                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |
| MKTF-50        | 03/31/21                  | 2.00                   | 21.70                 | ND                | 0.00                      | 16.48               | 6,926.34                    | NA                                                | 3 - 18                                     | Chinle/Alluvium Interface                 |

Notes:

NA = Not Applicable

Negative number in Stick up Length column indicates well is flushmount and located at or below ground level.

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

Dry indicates no water was detected.

**TABLE 2B. FLUID LEVEL MEASUREMENTS FOR NON MKTF WELLS  
MARATHON PETROLEUM COMPANY, GALLUP REFINERY  
GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft) | SPH Column Thickness (ft) | Depth to Water (ft) | 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          | 03/28/19                  | 2.00                   | 26.20                 | 21.59             | 0.48                      | 22.07               | 6,890.54                    | 6890.92                                           | 17.5 - 23.5                                | Chinle/Alluvial Interface                 |
| GWM-1          | 05/08/19                  | 2.00                   | 26.20                 | 21.32             | 0.29                      | 21.61               | 6,891.00                    | 6891.23                                           | 17.5 - 23.5                                | Chinle/Alluvial Interface                 |
| GWM-1          | 08/06/19                  | 2.00                   | 26.42                 | 20.77             | 0.13                      | 20.90               | 6,891.71                    | 6891.81                                           | 17.5 - 23.5                                | Chinle/Alluvial Interface                 |
| GWM-1          | 10/21/19                  | 2.00                   | 26.20                 | 20.64             | 0.19                      | 20.83               | 6,891.78                    | 6891.93                                           | 17.5 - 23.5                                | Chinle/Alluvial Interface                 |
| GWM-1          | 09/15/20                  | 2.00                   | 26.65                 | 20.73             | 0.67                      | 21.40               | 6,891.21                    | 6891.75                                           | 17.5 - 23.5                                | Chinle/Alluvial Interface                 |
| GWM-1          | 11/09/20                  | 2.00                   | 26.65                 | 20.88             | 0.84                      | 21.72               | 6,890.89                    | 6891.56                                           | 17.5 - 23.5                                | Chinle/Alluvial Interface                 |
| GWM-1          | 12/07/20                  | 2.00                   | 26.45                 | 20.91             | 0.94                      | 21.85               | 6,890.89                    | 6891.56                                           | 17.5 - 23.5                                | Chinle/Alluvial Interface                 |
| GWM-1          | 01/28/21                  | 2.00                   | 26.25                 | 21.10             | 1.20                      | 22.30               | 6,890.31                    | 6891.27                                           | 17.5 - 23.5                                | Chinle/Alluvial Interface                 |
| GWM-1          | 02/28/21                  | 2.00                   | 26.40                 | 21.19             | 1.38                      | 22.57               | 6,890.04                    | 6891.14                                           | 17.5 - 23.5                                | Chinle/Alluvial Interface                 |
| GWM-1          | 03/31/21                  | 2.00                   | 26.55                 | 22.57             | 3.83                      | 26.40               | 6,886.21                    | 6889.27                                           | 17.5 - 23.5                                | Chinle/Alluvial Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| GWM-2          | 03/28/19                  | 2.00                   | 19.09                 | ND                | NA                        | DRY                 | NA                          | NA                                                | 3.2 - 16.2                                 | Chinle/Alluvial Interface                 |
| GWM-2          | 05/08/19                  | 2.00                   | 19.09                 | ND                | NA                        | DRY                 | NA                          | NA                                                | 3.2 - 16.2                                 | Chinle/Alluvial Interface                 |
| GWM-2          | 08/06/19                  | 2.00                   | 19.04                 | ND                | NA                        | DRY                 | NA                          | NA                                                | 3.2 - 16.2                                 | Chinle/Alluvial Interface                 |
| GWM-2          | 10/19/19                  | 2.00                   | 18.81                 | ND                | NA                        | DRY                 | NA                          | NA                                                | 3.2 - 16.2                                 | Chinle/Alluvial Interface                 |
| GWM-2          | 09/15/20                  | 2.00                   | 18.08                 | ND                | NA                        | DRY                 | NA                          | NA                                                | 3.2 - 16.2                                 | Chinle/Alluvial Interface                 |
| GWM-2          | 11/10/20                  | 2.00                   | 18.08                 | ND                | NA                        | DRY                 | NA                          | NA                                                | 3.2 - 16.2                                 | Chinle/Alluvial Interface                 |
| GWM-2          | 12/07/20                  | 2.00                   | 18.08                 | ND                | NA                        | DRY                 | NA                          | NA                                                | 3.2 - 16.2                                 | Chinle/Alluvial Interface                 |
| GWM-2          | 01/28/21                  | 2.00                   | 18.08                 | ND                | NA                        | DRY                 | NA                          | NA                                                | 3.2 - 16.2                                 | Chinle/Alluvial Interface                 |
| GWM-2          | 02/28/21                  | 2.00                   | 18.08                 | ND                | NA                        | DRY                 | NA                          | NA                                                | 3.2 - 16.2                                 | Chinle/Alluvial Interface                 |
| GWM-2          | 03/31/21                  | 2.00                   | 18.08                 | ND                | NA                        | DRY                 | NA                          | NA                                                | 3.2 - 16.2                                 | Chinle/Alluvial Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |

**TABLE 2B. FLUID LEVEL MEASUREMENTS FOR NON MKTF WELLS  
MARATHON PETROLEUM COMPANY, GALLUP REFINERY  
GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft) | SPH Column Thickness (ft) | Depth to Water (ft) | 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          | 03/28/19                  | 2.00                   | 18.06                 | ND                | NA                        | DRY                 | DRY                         | NA                                                | 3 - 15                                     | Chinle/Alluvial Interface                 |
| GWM-3          | 05/08/19                  | 2.00                   | 18.06                 | ND                | NA                        | DRY                 | DRY                         | NA                                                | 3 - 15                                     | Chinle/Alluvial Interface                 |
| GWM-3          | 08/06/19                  | 2.00                   | 18.04                 | ND                | NA                        | DRY                 | DRY                         | NA                                                | 3 - 15                                     | Chinle/Alluvial Interface                 |
| GWM-3          | 09/15/20                  | 2.00                   | 19.15                 | ND                | NA                        | DRY                 | DRY                         | NA                                                | 3 - 15                                     | Chinle/Alluvial Interface                 |
| GWM-3          | 10/11/20                  | 2.00                   | 19.15                 | ND                | NA                        | DRY                 | DRY                         | NA                                                | 3 - 15                                     | Chinle/Alluvial Interface                 |
| GWM-3          | 12/07/20                  | 2.00                   | 19.15                 | ND                | NA                        | DRY                 | DRY                         | NA                                                | 3 - 15                                     | Chinle/Alluvial Interface                 |
| GWM-3          | 01/28/21                  | 2.00                   | 19.15                 | ND                | NA                        | DRY                 | DRY                         | NA                                                | 3 - 15                                     | Chinle/Alluvial Interface                 |
| GWM-3          | 02/28/21                  | 2.00                   | 19.15                 | ND                | NA                        | DRY                 | DRY                         | NA                                                | 3 - 15                                     | Chinle/Alluvial Interface                 |
| GWM-3          | 03/31/21                  | 2.00                   | 19.15                 | ND                | NA                        | DRY                 | DRY                         | NA                                                | 3 - 15                                     | Chinle/Alluvial Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| KA-3           | 03/28/19                  | 2.00                   | NM                    | NM                | NA                        | NM                  | NA                          | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| KA-3           | 05/28/19                  | 2.00                   | 23.20                 | ND                | NA                        | 9.95                | 6,902.57                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| KA-3           | 08/22/19                  | 2.00                   | 23.20                 | ND                | NA                        | 9.05                | 6,903.47                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| KA-3           | 10/21/19                  | 2.00                   | 23.20                 | ND                | NA                        | 9.16                | 6,903.36                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| KA-3           | 09/15/20                  | 2.00                   | 23.20                 | ND                | NA                        | 8.08                | 6,904.44                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| KA-3           | 11/10/20                  | 2.00                   | 23.20                 | ND                | NA                        | 9.15                | 6,903.37                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| KA-3           | 12/07/20                  | 2.00                   | 23.20                 | ND                | NA                        | 9.56                | 6,902.96                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| KA-3           | 01/28/21                  | 2.00                   | 23.20                 | ND                | NA                        | 10.50               | 6,902.02                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| KA-3           | 02/28/21                  | 2.00                   | 23.20                 | ND                | NA                        | 10.55               | 6,901.97                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| KA-3           | 03/31/21                  | 2.00                   | 23.20                 | ND                | NA                        | 10.68               | 6,901.84                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |

**TABLE 2B. FLUID LEVEL MEASUREMENTS FOR NON MKTF WELLS  
MARATHON PETROLEUM COMPANY, GALLUP REFINERY  
GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft) | SPH Column Thickness (ft) | Depth to Water (ft) | 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        | 03/28/19                  | 2.00                   | NM                    | NM                | NA                        | NM                  | NA                          | NA                                                | 3.7 - 13.7                                 | Chinle/Alluvial Interface                 |
| NAPIS-1        | 05/28/19                  | 2.00                   | 13.53                 | 7.72              | 0.16                      | 7.88                | 6,905.98                    | 6906.11                                           | 3.7 - 13.7                                 | Chinle/Alluvial Interface                 |
| NAPIS-1        | 08/22/19                  | 2.00                   | 13.53                 | 7.45              | 0.08                      | 7.53                | 6,906.33                    | 6906.39                                           | 3.7 - 13.7                                 | Chinle/Alluvial Interface                 |
| NAPIS-1        | 10/21/19                  | 2.00                   | 13.53                 | 7.66              | 0.20                      | 7.86                | 6,906.00                    | 6906.16                                           | 3.7 - 13.7                                 | Chinle/Alluvial Interface                 |
| NAPIS-1        | 09/15/20                  | 2.00                   | 13.58                 | 6.70              | 0.01                      | 6.71                | 6,907.15                    | 6907.158                                          | 3.7 - 13.7                                 | Chinle/Alluvial Interface                 |
| NAPIS-1        | 11/10/20                  | 2.00                   | 13.58                 | 7.19              | 0.01                      | 7.20                | 6,906.66                    | 6906.668                                          | 3.7 - 13.7                                 | Chinle/Alluvial Interface                 |
| NAPIS-1        | 12/07/20                  | 2.00                   | 13.76                 | 7.43              | 0.01                      | 7.44                | 6,906.42                    | 6906.428                                          | 3.7 - 13.7                                 | Chinle/Alluvial Interface                 |
| NAPIS-1        | 01/28/21                  | 2.00                   | 13.94                 | 7.88              | 0.01                      | 7.89                | 6,905.97                    | 6905.978                                          | 3.7 - 13.7                                 | Chinle/Alluvial Interface                 |
| NAPIS-1        | 02/27/21                  | 2.00                   | 13.94                 | 7.90              | 0.05                      | 7.95                | 6,905.91                    | 6905.95                                           | 3.7 - 13.7                                 | Chinle/Alluvial Interface                 |
| NAPIS-1        | 03/31/21                  | 2.00                   | 13.94                 | ND                | NA                        | 8.01                | 6,905.85                    | NA                                                | 3.7 - 13.7                                 | Chinle/Alluvial Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| NAPIS-2        | 03/28/19                  | 2.00                   | NM                    | NM                | NA                        | NM                  | NA                          | NA                                                | 4.2 - 14.2                                 | Chinle/Alluvial Interface                 |
| NAPIS-2        | 05/28/19                  | 2.00                   | 13.61                 | ND                | NA                        | 9.54                | 6,903.11                    | NA                                                | 4.2 - 14.2                                 | Chinle/Alluvial Interface                 |
| NAPIS-2        | 08/22/19                  | 2.00                   | 13.61                 | ND                | NA                        | 9.15                | 6,903.50                    | NA                                                | 4.2 - 14.2                                 | Chinle/Alluvial Interface                 |
| NAPIS-2        | 10/21/19                  | 2.00                   | 13.61                 | ND                | NA                        | 9.40                | 6,903.25                    | NA                                                | 4.2 - 14.2                                 | Chinle/Alluvial Interface                 |
| NAPIS-2        | 09/15/20                  | 2.00                   | 14.60                 | ND                | NA                        | 8.12                | 6,904.53                    | NA                                                | 4.2 - 14.2                                 | Chinle/Alluvial Interface                 |
| NAPIS-2        | 11/10/20                  | 2.00                   | 14.60                 | ND                | NA                        | 8.51                | 6,904.14                    | NA                                                | 4.2 - 14.2                                 | Chinle/Alluvial Interface                 |
| NAPIS-2        | 12/07/20                  | 2.00                   | 14.61                 | ND                | NA                        | 8.72                | 6,903.93                    | NA                                                | 4.2 - 14.2                                 | Chinle/Alluvial Interface                 |
| NAPIS-2        | 01/28/21                  | 2.00                   | 14.62                 | ND                | NA                        | 9.16                | 6,903.49                    | NA                                                | 4.2 - 14.2                                 | Chinle/Alluvial Interface                 |
| NAPIS-2        | 02/27/21                  | 2.00                   | 14.65                 | ND                | NA                        | 9.15                | 6,903.50                    | NA                                                | 4.2 - 14.2                                 | Chinle/Alluvial Interface                 |
| NAPIS-2        | 03/31/21                  | 2.00                   | 14.65                 | ND                | NA                        | 9.32                | 6,903.33                    | NA                                                | 4.2 - 14.2                                 | Chinle/Alluvial Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |

**TABLE 2B. FLUID LEVEL MEASUREMENTS FOR NON MKTF WELLS  
MARATHON PETROLEUM COMPANY, GALLUP REFINERY  
GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft) | SPH Column Thickness (ft) | Depth to Water (ft) | 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        | 03/28/19                  | 2.00                   | NM                    | NM                | NA                        | NM                  | NA                          | NA                                                | 25.4 - 30-4                                | Chinle/Alluvial Interface                 |
| NAPIS-3        | 05/28/19                  | 2.00                   | 30.42                 | ND                | NA                        | 10.57               | 6,902.19                    | NA                                                | 25.4 - 30-4                                | Chinle/Alluvial Interface                 |
| NAPIS-3        | 08/22/19                  | 2.00                   | 30.42                 | ND                | NA                        | 10.18               | 6,902.58                    | NA                                                | 25.4 - 30-4                                | Chinle/Alluvial Interface                 |
| NAPIS-3        | 10/21/19                  | 2.00                   | 30.42                 | ND                | NA                        | 10.02               | 6,902.74                    | NA                                                | 25.4 - 30-4                                | Chinle/Alluvial Interface                 |
| NAPIS-3        | 09/15/20                  | 2.00                   | 31.50                 | ND                | NA                        | 9.25                | 6,903.51                    | NA                                                | 25.4 - 30-4                                | Chinle/Alluvial Interface                 |
| NAPIS-3        | 11/10/20                  | 2.00                   | 31.50                 | ND                | NA                        | 9.47                | 6,903.29                    | NA                                                | 25.4 - 30-4                                | Chinle/Alluvial Interface                 |
| NAPIS-3        | 12/07/20                  | 2.00                   | 31.50                 | ND                | NA                        | 8.51                | 6,904.25                    | NA                                                | 25.4 - 30-4                                | Chinle/Alluvial Interface                 |
| NAPIS-3        | 01/28/21                  | 2.00                   | 31.50                 | ND                | NA                        | 9.00                | 6,903.76                    | NA                                                | 25.4 - 30-4                                | Chinle/Alluvial Interface                 |
| NAPIS-3        | 02/28/21                  | 2.00                   | 31.50                 | ND                | NA                        | 9.09                | 6,903.67                    | NA                                                | 25.4 - 30-4                                | Chinle/Alluvial Interface                 |
| NAPIS-3        | 03/31/21                  | 2.00                   | 31.50                 | ND                | NA                        | 9.27                | 6,903.49                    | NA                                                | 25.4 - 30-4                                | Chinle/Alluvial Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| OAPIS-1        | 03/28/19                  | 2.00                   | 26.00                 | ND                | NA                        | 11.43               | 6,905.30                    | NA                                                | 16 - 26                                    | Chinle/Alluvial Interface                 |
| OAPIS-1        | 05/08/19                  | 2.00                   | 26.00                 | ND                | NA                        | 12.09               | 6,904.64                    | NA                                                | 16 - 26                                    | Chinle/Alluvial Interface                 |
| OAPIS-1        | 08/22/19                  | 2.00                   | 27.86                 | ND                | NA                        | 11.09               | 6,905.64                    | NA                                                | 16 - 26                                    | Chinle/Alluvial Interface                 |
| OAPIS-1        | 10/21/19                  | 2.00                   | 27.78                 | ND                | NA                        | 11.44               | 6,905.29                    | NA                                                | 16 - 26                                    | Chinle/Alluvial Interface                 |
| OAPIS-1        | 09/15/20                  | 2.00                   | 28.00                 | ND                | NA                        | 11.90               | 6,904.83                    | NA                                                | 16 - 26                                    | Chinle/Alluvial Interface                 |
| OAPIS-1        | 11/10/20                  | 2.00                   | 28.00                 | ND                | NA                        | 12.02               | 6,904.71                    | NA                                                | 16 - 26                                    | Chinle/Alluvial Interface                 |
| OAPIS-1        | 12/07/20                  | 2.00                   | 28.00                 | ND                | NA                        | 12.31               | 6,904.42                    | NA                                                | 16 - 26                                    | Chinle/Alluvial Interface                 |
| OAPIS-1        | 01/28/21                  | 2.00                   | 28.00                 | ND                | NA                        | 12.98               | 6,903.75                    | NA                                                | 16 - 26                                    | Chinle/Alluvial Interface                 |
| OAPIS-1        | 02/27/21                  | 2.00                   | 28.00                 | ND                | NA                        | 12.96               | 6,903.77                    | NA                                                | 16 - 26                                    | Chinle/Alluvial Interface                 |
| OAPIS-1        | 03/31/21                  | 2.00                   | 28.00                 | ND                | NA                        | 13.48               | 6,903.25                    | NA                                                | 16 - 26                                    | Chinle/Alluvial Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |

**TABLE 2B. FLUID LEVEL MEASUREMENTS FOR NON MKTF WELLS  
MARATHON PETROLEUM COMPANY, GALLUP REFINERY  
GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft) | SPH Column Thickness (ft) | Depth to Water (ft) | 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-10          | 03/27/19                  | 4.00                   | 60.33                 | ND                | NA                        | 0.00                | 6,874.91                    | NA                                                | 40 - 60                                    | Sonsela Sandstone                         |
| OW-10          | 05/22/19                  | 4.00                   | 60.33                 | ND                | NA                        | 0.00                | 6,874.91                    | NA                                                | 40 - 60                                    | Sonsela Sandstone                         |
| OW-10          | 08/15/19                  | 4.00                   | 60.13                 | ND                | NA                        | 1.02                | 6,873.89                    | NA                                                | 40 - 60                                    | Sonsela Sandstone                         |
| OW-10          | 10/17/19                  | 4.00                   | 60.33                 | ND                | NA                        | 2.33                | 6,872.58                    | NA                                                | 40 - 60                                    | Sonsela Sandstone                         |
| OW-10          | 09/20/20                  | 4.00                   | 66.30                 | ND                | NA                        | 7.70                | 6,867.21                    | NA                                                | 40 - 60                                    | Sonsela Sandstone                         |
| OW-10          | 10/09/20                  | 4.00                   | 66.30                 | ND                | NA                        | 7.70                | 6,867.21                    | NA                                                | 40 - 60                                    | Sonsela Sandstone                         |
| OW-10          | 12/07/20                  | 4.00                   | 66.30                 | ND                | NA                        | 7.61                | 6,867.30                    | NA                                                | 40 - 60                                    | Sonsela Sandstone                         |
| OW-10          | 01/28/21                  | 4.00                   | 66.30                 | ND                | NA                        | 7.84                | 6,867.07                    | NA                                                | 40 - 60                                    | Sonsela Sandstone                         |
| OW-10          | 02/28/21                  | 4.00                   | 66.30                 | ND                | NA                        | 7.85                | 6,867.06                    | NA                                                | 40 - 60                                    | Sonsela Sandstone                         |
| OW-10          | 03/31/21                  | 4.00                   | 66.30                 | ND                | NA                        | 7.68                | 6,867.23                    | NA                                                | 40 - 60                                    | Sonsela Sandstone                         |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| OW-57          | 02/19/19                  | 2.00                   | 28.10                 | ND                | NA                        | 20.29               | 6,912.81                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| OW-57          | 05/15/19                  | 2.00                   | 28.10                 | ND                | NA                        | 20.02               | 6,913.08                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| OW-57          | 08/20/19                  | 2.00                   | 28.07                 | ND                | NA                        | 19.78               | 6,913.32                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| OW-57          | 11/04/19                  | 2.00                   | 28.35                 | ND                | NA                        | 19.97               | 6,913.13                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| OW-57          | 09/14/20                  | 2.00                   | 28.09                 | ND                | NA                        | 20.50               | 6,912.60                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| OW-57          | 11/09/20                  | 2.00                   | 28.09                 | ND                | NA                        | 20.53               | 6,912.57                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| OW-57          | 12/07/20                  | 2.00                   | 28.39                 | ND                | NA                        | 20.64               | 6,912.46                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| OW-57          | 01/28/21                  | 2.00                   | 28.39                 | ND                | NA                        | 20.73               | 6,912.46                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| OW-57          | 02/27/21                  | 2.00                   | 28.09                 | ND                | NA                        | 20.73               | 6,912.46                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
| OW-57          | 03/31/21                  | 2.00                   | 28.09                 | ND                | NA                        | 20.98               | 6,912.46                    | NA                                                | 15 - 25                                    | Chinle/Alluvial Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |

**TABLE 2B. FLUID LEVEL MEASUREMENTS FOR NON MKTF WELLS  
MARATHON PETROLEUM COMPANY, GALLUP REFINERY  
GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft) | SPH Column Thickness (ft) | Depth to Water (ft) | 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          | 03/28/19                  | 2.00                   | 47.30                 | ND                | NA                        | 24.28               | 6,910.22                    | NA                                                | 38 - 48                                    | Chinle/Alluvial Interface                 |
| OW-58          | 06/05/19                  | 2.00                   | 47.30                 | ND                | NA                        | 24.09               | 6,910.41                    | NA                                                | 38 - 48                                    | Chinle/Alluvial Interface                 |
| OW-58          | 08/20/19                  | 2.00                   | 47.49                 | ND                | NA                        | 24.00               | 6,910.50                    | NA                                                | 38 - 48                                    | Chinle/Alluvial Interface                 |
| OW-58          | 11/18/19                  | 2.00                   | 47.50                 | ND                | NA                        | 23.99               | 6,910.51                    | NA                                                | 38 - 48                                    | Chinle/Alluvial Interface                 |
| OW-58          | 09/14/20                  | 2.00                   | 48.00                 | ND                | NA                        | 23.55               | 6,910.95                    | NA                                                | 38 - 48                                    | Chinle/Alluvial Interface                 |
| OW-58          | 11/09/20                  | 2.00                   | 48.00                 | ND                | NA                        | 23.31               | 6,911.19                    | NA                                                | 38 - 48                                    | Chinle/Alluvial Interface                 |
| OW-58          | 12/08/20                  | 2.00                   | 47.95                 | ND                | NA                        | 24.32               | 6,910.18                    | NA                                                | 38 - 48                                    | Chinle/Alluvial Interface                 |
| OW-58          | 01/28/21                  | 2.00                   | 47.95                 | ND                | NA                        | 24.29               | 6,910.18                    | NA                                                | 38 - 48                                    | Chinle/Alluvial Interface                 |
| OW-58          | 02/28/21                  | 2.00                   | 47.95                 | ND                | NA                        | 23.80               | 6,910.18                    | NA                                                | 38 - 48                                    | Chinle/Alluvial Interface                 |
| OW-58          | 03/31/21                  | 2.00                   | 47.95                 | ND                | NA                        | 24.40               | 6,910.18                    | NA                                                | 38 - 48                                    | Chinle/Alluvial Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| OW-58A         | 09/15/20                  | 4.00                   | 36.00                 | ND                | NA                        | 26.87               | 6,909.42                    | NA                                                | 25 - 33                                    | Chinle/Alluvial Interface                 |
| OW-58A         | 11/09/20                  | 4.00                   | 36.91                 | ND                | NA                        | 24.31               | 6,911.98                    | NA                                                | 25 - 33                                    | Chinle/Alluvial Interface                 |
| OW-58A         | 12/08/20                  | 4.00                   | 36.38                 | ND                | NA                        | 26.71               | 6,909.58                    | NA                                                | 25 - 33                                    | Chinle/Alluvial Interface                 |
| OW-58A         | 01/28/21                  | 4.00                   | 36.38                 | ND                | NA                        | 26.66               | 6,909.58                    | NA                                                | 25 - 33                                    | Chinle/Alluvial Interface                 |
| OW-58A         | 02/28/21                  | 4.00                   | 36.50                 | ND                | NA                        | 26.51               | 6,909.58                    | NA                                                | 25 - 33                                    | Chinle/Alluvial Interface                 |
| OW-58A         | 03/31/21                  | 4.00                   | 36.50                 | ND                | NA                        | 26.75               | 6,909.58                    | NA                                                | 25 - 33                                    | Chinle/Alluvial Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |

**TABLE 2B. FLUID LEVEL MEASUREMENTS FOR NON MKTF WELLS  
MARATHON PETROLEUM COMPANY, GALLUP REFINERY  
GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft) | SPH Column Thickness (ft) | Depth to Water (ft) | 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          | 02/19/19                  | 4.00                   | 32.00                 | 18.00             | 4.09                      | 22.09               | 6,939.79                    | 6943.06                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-61          | 05/15/19                  | 4.00                   | 32.00                 | 17.62             | 3.51                      | 21.13               | 6,940.75                    | 6943.56                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-61          | 08/20/19                  | 4.00                   | 31.70                 | 17.42             | 2.73                      | 20.15               | 6,941.73                    | 6943.91                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-61          | 11/04/19                  | 4.00                   | 32.00                 | 17.54             | 3.09                      | 20.63               | 6,941.25                    | 6943.722                                          | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-61          | 09/15/20                  | 4.00                   | 31.85                 | 16.88             | 2.52                      | 19.40               | 6,942.48                    | 6944.496                                          | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-61          | 11/09/20                  | 4.00                   | 31.85                 | 18.22             | 1.36                      | 19.58               | 6,942.30                    | 6943.388                                          | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-61          | 12/08/20                  | 4.00                   | 31.33                 | 18.40             | 1.90                      | 20.30               | 6,941.58                    | 6943.1                                            | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-61          | 01/28/21                  | 4.00                   | 30.81                 | 19.13             | 0.65                      | 19.78               | 6,942.10                    | 6942.62                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-61          | 02/27/21                  | 4.00                   | 31.83                 | 18.89             | 1.21                      | 20.10               | 6,941.78                    | 6942.748                                          | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-61          | 03/31/21                  | 4.00                   | 31.83                 | 18.82             | 2.46                      | 21.28               | 6,940.60                    | 6942.568                                          | 8 - 28                                     | Chinle/Alluvial Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| OW-62          | 02/19/19                  | 4.00                   | 31.47                 | 23.75             | 1.20                      | 24.95               | 6,911.14                    | 6912.10                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-62          | 05/15/19                  | 4.00                   | 31.47                 | 23.40             | 0.60                      | 24.00               | 6,912.09                    | 6912.57                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-62          | 08/20/19                  | 4.00                   | 31.47                 | 23.86             | 0.43                      | 24.29               | 6,911.80                    | 6912.14                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-62          | 11/18/19                  | 4.00                   | 31.47                 | 23.72             | 0.62                      | 24.34               | 6,911.75                    | 6912.25                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-62          | 09/15/20                  | 4.00                   | 32.05                 | 23.62             | 0.25                      | 23.87               | 6,912.22                    | 6912.42                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-62          | 11/09/20                  | 4.00                   | 32.05                 | 23.70             | 0.30                      | 24.00               | 6,912.09                    | 6912.33                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-62          | 12/08/20                  | 4.00                   | 31.66                 | 23.69             | 0.29                      | 23.98               | 6,912.11                    | 6912.34                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-62          | 01/28/21                  | 4.00                   | 31.27                 | 23.75             | 0.30                      | 24.05               | 6,912.04                    | 6912.28                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-62          | 02/27/21                  | 4.00                   | 31.67                 | 23.82             | 0.33                      | 24.15               | 6,911.94                    | 6912.20                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
| OW-62          | 03/31/21                  | 4.00                   | 31.67                 | 23.85             | 0.31                      | 24.16               | 6,911.93                    | 6912.18                                           | 8 - 28                                     | Chinle/Alluvial Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |

**TABLE 2B. FLUID LEVEL MEASUREMENTS FOR NON MKTF WELLS  
MARATHON PETROLEUM COMPANY, GALLUP REFINERY  
GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft) | SPH Column Thickness (ft) | Depth to Water (ft) | 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          | 02/19/19                  | 4.00                   | 32.00                 | ND                | NA                        | 20.74               | 6,913.13                    | NA                                                | 9 - 29                                     | Chinle/Alluvial Interface                 |
| OW-63          | 05/15/19                  | 4.00                   | 32.00                 | ND                | NA                        | 20.35               | 6,913.52                    | NA                                                | 9 - 29                                     | Chinle/Alluvial Interface                 |
| OW-63          | 08/19/19                  | 4.00                   | 32.20                 | ND                | NA                        | 20.12               | 6,913.75                    | NA                                                | 9 - 29                                     | Chinle/Alluvial Interface                 |
| OW-63          | 11/18/19                  | 4.00                   | 32.00                 | ND                | NA                        | 20.30               | 6,913.57                    | NA                                                | 9 - 29                                     | Chinle/Alluvial Interface                 |
| OW-63          | 09/14/20                  | 4.00                   | 32.05                 | ND                | NA                        | 20.73               | 6,913.14                    | NA                                                | 9 - 29                                     | Chinle/Alluvial Interface                 |
| OW-63          | 11/09/20                  | 4.00                   | 32.05                 | ND                | NA                        | 20.85               | 6,913.02                    | NA                                                | 9 - 29                                     | Chinle/Alluvial Interface                 |
| OW-63          | 12/08/20                  | 4.00                   | 32.22                 | ND                | NA                        | 20.97               | 6,912.90                    | NA                                                | 9 - 29                                     | Chinle/Alluvial Interface                 |
| OW-63          | 01/28/21                  | 4.00                   | 32.22                 | ND                | NA                        | 21.15               | 6,912.90                    | NA                                                | 9 - 29                                     | Chinle/Alluvial Interface                 |
| OW-63          | 02/27/21                  | 4.00                   | 32.22                 | ND                | NA                        | 21.13               | 6,912.90                    | NA                                                | 9 - 29                                     | Chinle/Alluvial Interface                 |
| OW-63          | 03/31/21                  | 4.00                   | 32.22                 | ND                | NA                        | 21.28               | 6,912.90                    | NA                                                | 9 - 29                                     | Chinle/Alluvial Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| OW-64          | 02/19/19                  | 4.00                   | 27.63                 | 7.00              | 0.02                      | 7.02                | 6,939.07                    | 6939.09                                           | 4 - 24                                     | Chinle/Alluvial Interface                 |
| OW-64          | 05/15/19                  | 4.00                   | 27.63                 | ND                | NA                        | 6.83                | 6,939.26                    | NA                                                | 4 - 24                                     | Chinle/Alluvial Interface                 |
| OW-64          | 08/19/19                  | 4.00                   | 27.35                 | ND                | NA                        | 7.10                | 6,938.99                    | NA                                                | 4 - 24                                     | Chinle/Alluvial Interface                 |
| OW-64          | 11/18/19                  | 4.00                   | 27.35                 | ND                | NA                        | 8.40                | 6,937.69                    | NA                                                | 4 - 24                                     | Chinle/Alluvial Interface                 |
| OW-64          | 09/14/20                  | 4.00                   | 27.35                 | ND                | NA                        | 7.95                | 6,938.14                    | NA                                                | 4 - 24                                     | Chinle/Alluvial Interface                 |
| OW-64          | 11/09/20                  | 4.00                   | 27.35                 | ND                | NA                        | 8.18                | 6,937.91                    | NA                                                | 4 - 24                                     | Chinle/Alluvial Interface                 |
| OW-64          | 12/07/20                  | 4.00                   | 27.35                 | ND                | NA                        | 8.26                | 6,937.83                    | NA                                                | 4 - 24                                     | Chinle/Alluvial Interface                 |
| OW-64          | 01/28/21                  | 4.00                   | 27.35                 | ND                | NA                        | 8.54                | 6,937.55                    | NA                                                | 4 - 24                                     | Chinle/Alluvial Interface                 |
| OW-64          | 02/27/21                  | 4.00                   | 27.35                 | ND                | NA                        | 8.29                | 6,937.80                    | NA                                                | 4 - 24                                     | Chinle/Alluvial Interface                 |
| OW-64          | 03/31/21                  | 4.00                   | 27.35                 | ND                | NA                        | 8.37                | 6,937.72                    | NA                                                | 4 - 24                                     | Chinle/Alluvial Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |

**TABLE 2B. FLUID LEVEL MEASUREMENTS FOR NON MKTF WELLS  
MARATHON PETROLEUM COMPANY, GALLUP REFINERY  
GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft) | SPH Column Thickness (ft) | Depth to Water (ft) | 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          | 02/19/19                  | 4.00                   | 40.00                 | 22.24             | 9.27                      | 31.51               | 6,921.32                    | 6928.74                                           | 17 - 37                                    | Chinle/Alluvial Interface                 |
| OW-65          | 05/15/19                  | 4.00                   | 40.00                 | 23.47             | 8.74                      | 32.21               | 6,920.62                    | 6927.61                                           | 17 - 37                                    | Chinle/Alluvial Interface                 |
| OW-65          | 08/20/19                  | 4.00                   | 41.66                 | 21.97             | 9.18                      | 31.15               | 6,921.68                    | 6929.02                                           | 17 - 37                                    | Chinle/Alluvial Interface                 |
| OW-65          | 11/04/19                  | 4.00                   | 40.00                 | 22.30             | 8.55                      | 30.85               | 6,921.98                    | 6928.82                                           | 17 - 37                                    | Chinle/Alluvial Interface                 |
| OW-65          | 09/14/20                  | 4.00                   | 42.80                 | 24.70             | 6.06                      | 30.76               | 6,922.07                    | 6926.918                                          | 17 - 37                                    | Chinle/Alluvial Interface                 |
| OW-65          | 11/09/20                  | 4.00                   | 42.80                 | 25.05             | 7.30                      | 32.35               | 6,920.48                    | 6926.32                                           | 17 - 37                                    | Chinle/Alluvial Interface                 |
| OW-65          | 12/08/20                  | 4.00                   | 42.50                 | 25.79             | 6.16                      | 31.95               | 6,920.88                    | 6925.808                                          | 17 - 37                                    | Chinle/Alluvial Interface                 |
| OW-65          | 01/28/21                  | 4.00                   | 42.50                 | 26.63             | 5.12                      | 31.75               | 6,920.88                    | 6925.808                                          | 17 - 37                                    | Chinle/Alluvial Interface                 |
| OW-65          | 02/27/21                  | 4.00                   | 41.75                 | 26.41             | 7.30                      | 33.71               | 6,920.88                    | 6925.808                                          | 17 - 37                                    | Chinle/Alluvial Interface                 |
| OW-65          | 03/31/21                  | 4.00                   | 41.75                 | 27.40             | 6.48                      | 33.88               | 6,920.88                    | 6925.808                                          | 17 - 37                                    | Chinle/Alluvial Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| RW-1           | 03/28/19                  | 4.00                   | NM                    | NM                | NA                        | NA                  | NA                          | NA                                                | 25 - 40                                    | Chinle/Alluvial Interface                 |
| RW-1           | 05/08/19                  | 4.00                   | NM                    | NM                | NA                        | NA                  | NA                          | NA                                                | 25 - 40                                    | Chinle/Alluvial Interface                 |
| RW-1           | 08/16/19                  | 4.00                   | NM                    | NM                | NA                        | NA                  | NA                          | NA                                                | 25 - 40                                    | Chinle/Alluvial Interface                 |
| RW-1           | 11/01/19                  | 4.00                   | NM                    | NM                | NA                        | NM                  | NA                          | NA                                                | 25 - 40                                    | Chinle/Alluvial Interface                 |
| RW-1           | 09/19/20                  | 4.00                   | 43.45                 | 28.07             | 2.13                      | 30.20               | 6,915.86                    | 6,917.56                                          | 25 - 40                                    | Chinle/Alluvial Interface                 |
| RW-1           | 11/10/20                  | 4.00                   | 43.45                 | 29.50             | 0.83                      | 30.33               | 6,915.73                    | 6,916.39                                          | 25 - 40                                    | Chinle/Alluvial Interface                 |
| RW-1           | 12/08/20                  | 4.00                   | 43.45                 | 29.50             | 0.83                      | 30.33               | 6,915.73                    | 6,916.39                                          | 25 - 40                                    | Chinle/Alluvial Interface                 |
| RW-1           | 01/28/21                  | 4.00                   | 43.45                 | 29.98             | 0.35                      | 30.33               | 6,915.73                    | 6,916.01                                          | 25 - 40                                    | Chinle/Alluvial Interface                 |
| RW-1           | 02/27/21                  | 4.00                   | 43.45                 | 29.75             | 1.30                      | 31.05               | 6,915.01                    | 6,916.05                                          | 25 - 40                                    | Chinle/Alluvial Interface                 |
| RW-1           | 03/31/21                  | 4.00                   | 43.45                 | 29.90             | 2.11                      | 32.01               | 6,914.05                    | 6,915.74                                          | 25 - 40                                    | Chinle/Alluvial Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |

**TABLE 2B. FLUID LEVEL MEASUREMENTS FOR NON MKTF WELLS  
MARATHON PETROLEUM COMPANY, GALLUP REFINERY  
GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft) | SPH Column Thickness (ft) | Depth to Water (ft) | 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           | 03/28/19                  | 4.00                   | NM                    | NM                | NA                        | NM                  | NA                          | NA                                                | 26.1 - 36.1                                | Chinle/Alluvial Interface                 |
| RW-2           | 05/08/19                  | 4.00                   | NM                    | NM                | NA                        | NM                  | NA                          | NA                                                | 26.1 - 36.1                                | Chinle/Alluvial Interface                 |
| RW-2           | 08/16/19                  | 4.00                   | NM                    | NM                | NA                        | NM                  | NA                          | NA                                                | 26.1 - 36.1                                | Chinle/Alluvial Interface                 |
| RW-2           | 11/01/19                  | 4.00                   | NM                    | NM                | NA                        | NM                  | NA                          | NA                                                | 26.1 - 36.1                                | Chinle/Alluvial Interface                 |
| RW-2           | 09/19/20                  | 4.00                   | 40.00                 | 22.10             | 0.13                      | 22.23               | 6,906.30                    | NA                                                | 26.1 - 36.1                                | Chinle/Alluvial Interface                 |
| RW-2           | 11/09/20                  | 4.00                   | 40.00                 | 22.09             | 0.19                      | 22.28               | 6,906.25                    | NA                                                | 26.1 - 36.1                                | Chinle/Alluvial Interface                 |
| RW-2           | 12/08/20                  | 4.00                   | 40.00                 | 22.20             | 0.18                      | 22.38               | 6,906.15                    | NA                                                | 26.1 - 36.1                                | Chinle/Alluvial Interface                 |
| RW-2           | 01/28/21                  | 4.00                   | 40.00                 | ND                | NA                        | 22.40               | 6,906.13                    | NA                                                | 26.1 - 36.1                                | Chinle/Alluvial Interface                 |
| RW-2           | 02/27/21                  | 4.00                   | 40.00                 | 22.40             | 0.05                      | 22.45               | 6,906.08                    | NA                                                | 26.1 - 36.1                                | Chinle/Alluvial Interface                 |
| RW-2           | 03/31/21                  | 4.00                   | 40.00                 | 22.70             | 0.15                      | 22.85               | 6,905.68                    | NA                                                | 26.1 - 36.1                                | Chinle/Alluvial Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| RW-5           | 03/28/19                  | 4.00                   | NM                    | NM                | NA                        | NM                  | NA                          | NA                                                | 29.5 - 39.5                                | Chinle/Alluvial Interface                 |
| RW-5           | 05/08/19                  | 4.00                   | NM                    | NM                | NA                        | NM                  | NA                          | NA                                                | 29.5 - 39.5                                | Chinle/Alluvial Interface                 |
| RW-5           | 08/16/19                  | 4.00                   | NM                    | NM                | NA                        | NM                  | NA                          | NA                                                | 29.5 - 39.5                                | Chinle/Alluvial Interface                 |
| RW-5           | 11/01/19                  | 4.00                   | NM                    | NM                | NA                        | NM                  | NA                          | NA                                                | 29.5 - 39.5                                | Chinle/Alluvial Interface                 |
| RW-5           | 09/19/20                  | 4.00                   | 39.51                 | 29.59             | 3.22                      | 32.81               | 6,910.76                    | 6,913.34                                          | 29.5 - 39.5                                | Chinle/Alluvial Interface                 |
| RW-5           | 11/09/20                  | 4.00                   | 39.51                 | 29.86             | 3.17                      | 33.03               | 6,910.54                    | 6,913.08                                          | 29.5 - 39.5                                | Chinle/Alluvial Interface                 |
| RW-5           | 12/08/20                  | 4.00                   | 39.51                 | 33.15             | 6.36                      | 39.51               | 6,904.06                    | 6,909.15                                          | 29.5 - 39.5                                | Chinle/Alluvial Interface                 |
| RW-5           | 01/28/21                  | 4.00                   | 39.51                 | 32.42             | 1.56                      | 33.98               | 6,909.59                    | 6,910.84                                          | 29.5 - 39.5                                | Chinle/Alluvial Interface                 |
| RW-5           | 02/27/21                  | 4.00                   | 39.51                 | 31.02             | 0.63                      | 31.65               | 6,911.92                    | 6,912.42                                          | 29.5 - 39.5                                | Chinle/Alluvial Interface                 |
| RW-5           | 03/31/21                  | 4.00                   | 39.51                 | 30.10             | 1.49                      | 31.59               | 6,911.98                    | 6,913.17                                          | 29.5 - 39.5                                | Chinle/Alluvial Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |

**TABLE 2B. FLUID LEVEL MEASUREMENTS FOR NON MKTF WELLS  
MARATHON PETROLEUM COMPANY, GALLUP REFINERY  
GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft) | SPH Column Thickness (ft) | Depth to Water (ft) | 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           | 03/28/19                  | 4.00                   | NM                    | NM                | NA                        | NM                  | NA                          | NA                                                | 28.5 - 38.5                                | Chinle/Alluvial Interface                 |
| RW-6           | 05/08/19                  | 4.00                   | NM                    | NM                | NA                        | NM                  | NA                          | NA                                                | 28.5 - 38.5                                | Chinle/Alluvial Interface                 |
| RW-6           | 08/16/19                  | 4.00                   | NM                    | NM                | NA                        | NM                  | NA                          | NA                                                | 28.5 - 38.5                                | Chinle/Alluvial Interface                 |
| RW-6           | 09/19/20                  | 4.00                   | 40.85                 | 29.72             | 2.92                      | 32.64               | 6,911.37                    | 6,913.71                                          | 28.5 - 38.5                                | Chinle/Alluvial Interface                 |
| RW-6           | 11/09/20                  | 4.00                   | 40.85                 | 29.98             | 3.07                      | 33.05               | 6,910.96                    | 6,913.42                                          | 28.5 - 38.5                                | Chinle/Alluvial Interface                 |
| RW-6           | 12/08/20                  | 4.00                   | 40.85                 | 30.18             | 3.13                      | 33.31               | 6,910.70                    | 6,913.20                                          | 28.5 - 38.5                                | Chinle/Alluvial Interface                 |
| RW-6           | 01/28/21                  | 4.00                   | 40.85                 | 30.22             | 2.90                      | 33.12               | 6,910.89                    | 6,913.21                                          | 28.5 - 38.5                                | Chinle/Alluvial Interface                 |
| RW-6           | 02/27/21                  | 4.00                   | 40.85                 | 30.45             | 3.23                      | 33.68               | 6,910.33                    | 6,912.91                                          | 28.5 - 38.5                                | Chinle/Alluvial Interface                 |
| RW-6           | 03/31/21                  | 4.00                   | 40.85                 | 5.17              | 26.53                     | 31.70               | 6,912.31                    | 6,933.54                                          | 28.5 - 38.5                                | Chinle/Alluvial Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |
| STP1-NW        | 02/13/19                  | 2.00                   | 50.00                 | ND                | NA                        | 20.35               | 6,884.12                    | NA                                                | 20 - 50                                    | Chinle/Alluvial Interface                 |
| STP1-NW        | 05/08/19                  | 2.00                   | 50.00                 | ND                | NA                        | 19.54               | 6,884.93                    | NA                                                | 20 - 50                                    | Chinle/Alluvial Interface                 |
| STP1-NW        | 08/21/19                  | 2.00                   | 50.00                 | ND                | NA                        | 20.79               | 6,883.68                    | NA                                                | 20 - 50                                    | Chinle/Alluvial Interface                 |
| STP1-NW        | 10/22/19                  | 2.00                   | 50.00                 | ND                | NA                        | 20.76               | 6,883.71                    | NA                                                | 20 - 50                                    | Chinle/Alluvial Interface                 |
| STP1-NW        | 12/08/20                  | 2.00                   | 50.28                 | ND                | NA                        | 20.78               | 6,883.69                    | NA                                                | 20 - 50                                    | Chinle/Alluvial Interface                 |
| STP1-NW        | 01/28/21                  | 2.00                   | 50.56                 | ND                | NA                        | 20.76               | 6,883.71                    | NA                                                | 20 - 50                                    | Chinle/Alluvial Interface                 |
| STP1-NW        | 02/28/21                  | 2.00                   | 49.85                 | ND                | NA                        | 20.60               | 6,883.87                    | NA                                                | 20 - 50                                    | Chinle/Alluvial Interface                 |
| STP1-NW        | 03/31/21                  | 2.00                   | 49.85                 | ND                | NA                        | 21.95               | 6,882.52                    | NA                                                | 20 - 50                                    | Chinle/Alluvial Interface                 |
|                |                           |                        |                       |                   |                           |                     |                             |                                                   |                                            |                                           |

**TABLE 2B. FLUID LEVEL MEASUREMENTS FOR NON MKTF WELLS  
MARATHON PETROLEUM COMPANY, GALLUP REFINERY  
GALLUP, NEW MEXICO**

| Well ID Number | Inspection or Sample Date | Casing Diameter (Inch) | Total Well Depth (ft) | Depth to SPH (ft) | SPH Column Thickness (ft) | Depth to Water (ft) | 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        | 02/13/19                  | 2.00                   | NM                    | NM                | NA                        | NM                  | NA                          | NA                                                | 15 - 30                                    | Chinle/Alluvial Interface                 |
| STP1-SW        | 05/08/19                  | 2.00                   | NM                    | NM                | NA                        | NM                  | NA                          | NA                                                | 15 - 30                                    | Chinle/Alluvial Interface                 |
| STP1-SW        | 08/21/19                  | 2.00                   | NM                    | NM                | NA                        | NM                  | NA                          | NA                                                | 15 - 30                                    | Chinle/Alluvial Interface                 |
| STP1-SW        | 10/22/19                  | 2.00                   | NM                    | NM                | NA                        | NM                  | NA                          | NA                                                | 15 - 30                                    | Chinle/Alluvial Interface                 |
| STP1-SW        | 12/08/20                  | 2.00                   | 29.25                 | ND                | NA                        | 29.23               | NA                          | NA                                                | 15 - 30                                    | Chinle/Alluvial Interface                 |
| STP1-SW        | 02/28/21                  | 2.00                   | 29.15                 | 29.10             | 0.02                      | 29.12               | NA                          | NA                                                | 15 - 30                                    | Chinle/Alluvial Interface                 |
| STP1-SW        | 03/31/21                  | 2.00                   | 29.15                 | 29.10             | 0.05                      | 29.15               | NA                          | NA                                                | 15 - 30                                    | Chinle/Alluvial Interface                 |

## Notes:

NA = Not Applicable

NS = Not Surveyed

Negative number in Stick up Length column indicates well is flushmount and located at or below ground level.

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

Dry indicates no water was detected.

**TABLE 3A. JANUARY VACUUM TRUCK EXTRACTIONS - MKTF WELLS  
MARATHON PETROLEUM COMPANY, GALLUP REFINERY  
GALLUP, NEW MEXICO**

| Location                                | Date      | DTP (ft.) | DTW (ft.) | Recovery Method | Product Thickness (ft.) | Volume/Foot (gals) | Volume Pumped/Recovered (gals) | Water Volume (gals) | Product Volume (gals) | Total Depth (ft) | Casing Diameter (in) | Comments |
|-----------------------------------------|-----------|-----------|-----------|-----------------|-------------------------|--------------------|--------------------------------|---------------------|-----------------------|------------------|----------------------|----------|
| MKTF-5                                  | 1/14/2021 | 14.94     | 15.13     | Vac Truck       | 0.19                    | 0.74               | 2.14                           | 1.998               | 0.14                  | 17.83            | 4                    |          |
| MKTF-6                                  | 1/14/2021 | 18.06     | 19.65     | Vac Truck       | 1.59                    | 0.74               | 4.24                           | 3.0636              | 1.18                  | 23.79            | 4                    |          |
| MKTF-7                                  | 1/14/2021 | 13.80     | 14.68     | Vac Truck       | 0.88                    | 0.74               | 2.69                           | 2.035               | 0.65                  | 17.43            | 4                    |          |
| MKTF-8                                  | 1/14/2021 | 14.84     | 15.15     | Vac Truck       | 0.31                    | 0.74               | 5.30                           | 5.069               | 0.23                  | 22.00            | 4                    |          |
| MKTF-13                                 | 1/14/2021 | 13.16     | 17.29     | Vac Truck       | 4.13                    | 0.74               | 6.64                           | 3.5816              | 3.06                  | 22.13            | 4                    |          |
| MKTF-14                                 | 1/14/2021 | 6.97      | 7.51      | Vac Truck       | 0.54                    | 0.74               | 7.66                           | 7.2594              | 0.40                  | 17.32            | 4                    |          |
| MKTF-17                                 | 1/14/2021 | 11.73     | 11.89     | Vac Truck       | 0.16                    | 0.16               | 2.11                           | 2.08314             | 0.03                  | 24.67            | 2                    |          |
| MKTF-20                                 | 1/14/2021 | 8.99      | 9.60      | Vac Truck       | 0.61                    | 0.74               | 0.47                           | 0.0148              | 0.45                  | 9.62             | 4                    |          |
| MKTF-22                                 | 1/14/2021 | 25.49     | 27.22     | Vac Truck       | 1.73                    | 0.16               | 1.56                           | 1.28281             | 0.28                  | 35.09            | 2                    |          |
| MKTF-26                                 | 1/14/2021 | 8.93      | 9.20      | Vac Truck       | 0.27                    | 0.16               | 1.30                           | 1.25347             | 0.04                  | 16.89            | 2                    |          |
| MKTF-33                                 | 1/14/2021 | 22.58     | 25.96     | Vac Truck       | 3.38                    | 0.16               | 1.72                           | 1.17197             | 0.55                  | 33.15            | 2                    |          |
| MKTF-45                                 | 1/14/2021 | 13.28     | 13.44     | Vac Truck       | 0.16                    | 0.74               | 12.55                          | 12.432              | 0.12                  | 30.24            | 4                    |          |
| <b>Total Initially Extracted (gal.)</b> |           |           |           |                 |                         |                    | <b>48.37</b>                   | <b>41.24</b>        | <b>7.13</b>           |                  |                      |          |

**TABLE 3B. JANUARY VACUUM TRUCK EXTRACTIONS - TANK FARM WELLS  
MARATHON PETROLEUM COMPANY, GALLUP REFINERY  
GALLUP, NEW MEXICO**

| Location | Date      | DTP<br>(ft) | DTW<br>(ft) | Recovery Method | Product<br>Thickness (ft) | Volume/<br>Foot<br>(gal.)                      | Volume<br>Pumped/<br>Recovered<br>(gal.) | Water<br>Volume<br>(gal.) | Product Volume<br>(gal.) | Total<br>Depth (ft) | Casing<br>Diameter<br>(in) | Comments                                        |
|----------|-----------|-------------|-------------|-----------------|---------------------------|------------------------------------------------|------------------------------------------|---------------------------|--------------------------|---------------------|----------------------------|-------------------------------------------------|
| OW-61    | 1/13/2021 | 18.88       | 20.16       | Vac Truck       | 1.28                      | 0.74                                           | 6.75                                     | 5.8016                    | 0.95                     | 28.00               | 4                          |                                                 |
| OW-65    | 1/20/2021 | 26.22       | 33.49       | Vac Truck       | 7.27                      | 0.74                                           | 7.98                                     | 2.5974                    | 5.38                     | 37.00               | 4                          |                                                 |
| RW-1     | 1/15/2021 | 28.71       | 30.86       | Vac Truck       | 2.15                      | 0.74                                           | 10.60                                    | 9.0132                    | 1.59                     | 43.04               | 4                          |                                                 |
| RW-2     | 1/13/2021 | 21.89       | 21.89       | Vac Truck       | 0.00                      | 0.74                                           | 13.25                                    | 13.2534                   | 0.00                     | 39.80               | 4                          | No SPH detected, operator still extracted water |
| RW-5     | 1/13/2021 | 29.71       | 30.19       | Vac Truck       | 0.48                      | 0.74                                           | 7.31                                     | 6.956                     | 0.36                     | 39.59               | 4                          |                                                 |
| RW-6     | 1/13/2021 | 29.28       | 31.93       | Vac Truck       | 2.65                      | 0.74                                           | 8.60                                     | 6.6378                    | 1.96                     | 40.90               | 4                          |                                                 |
|          |           |             |             |                 |                           | <b>Total Initially<br/>Extracted<br/>(ga.)</b> | <b>41.24</b>                             | <b>31.01</b>              | <b>10.23</b>             |                     |                            |                                                 |

**TABLE 3C. MARCH VACUUM TRUCK EXTRACTIONS - MKTF WELLS**  
**MARATHON PETROLEUM COMPANY, GALLUP REFINERY**  
**GALLUP, NEW MEXICO**

| Location | Date      | DTP (ft.) | DTW (ft.) | Recovery Method | Product Thickness (ft.) | Volume/Foot (gals) | Volume Pumped/Recovered (gals)                | Water Volume (gals) | Product Volume (gals) | Total Depth (ft) | Casing Diameter (in) | Comments                                                    |
|----------|-----------|-----------|-----------|-----------------|-------------------------|--------------------|-----------------------------------------------|---------------------|-----------------------|------------------|----------------------|-------------------------------------------------------------|
| MKTF-5   | 3/31/2021 | 14.50     | 15.65     | Vac Truck       | 1.15                    | 0.74               | 2.46                                          | 1.6132              | 0.85                  | 17.83            | 4                    |                                                             |
| MKTF-5   | 4/1/2021  | 14.73     | 14.79     | Re-Guaging      | 0.06                    | 0.74               | 2.29                                          | 2.2496              | 0.04                  | 17.83            | 4                    |                                                             |
| MKTF-6   | 3/30/2021 | 17.70     | 18.50     | Vac Truck       | 0.80                    | 0.74               | 4.51                                          | 3.9146              | 0.59                  | 23.79            | 4                    |                                                             |
| MKTF-6   | 3/31/2021 | 17.97     | 18.15     | Re-Guaging      | 0.18                    | 0.74               | 4.31                                          | 4.1736              | 0.13                  | 23.79            | 4                    |                                                             |
| MKTF-7   | 3/30/2021 | 13.20     | 13.40     | Vac Truck       | 0.20                    | 0.74               | 3.13                                          | 2.9822              | 0.15                  | 17.43            | 4                    |                                                             |
| MKTF-7   | 3/31/2021 | 13.70     | 13.81     | Re-Guaging      | 0.11                    | 0.74               | 2.76                                          | 2.6788              | 0.08                  | 17.43            | 4                    |                                                             |
| MKTF-8   | 3/30/2021 | 14.30     | 14.50     | Vac Truck       | 0.20                    | 0.74               | 5.70                                          | 5.55                | 0.15                  | 22.00            | 4                    |                                                             |
| MKTF-8   | 3/31/2021 | 14.60     | 14.70     | Re-Guaging      | 0.10                    | 0.74               | 5.48                                          | 5.402               | 0.07                  | 22.00            | 4                    |                                                             |
| MKTF-13  |           |           |           | Vac Truck       | 0.00                    | 0.74               | 16.38                                         | 16.3762             | 0.00                  | 22.13            | 4                    | Could not access with the vac truck due to muddy conditions |
| MKTF-13  |           |           |           | Re-Guaging      | 0.00                    | 0.74               | 16.38                                         | 16.3762             | 0.00                  | 22.13            | 4                    |                                                             |
| MKTF-14  | 3/31/2021 | 6.00      | 6.40      | Vac Truck       | 0.40                    | 0.74               | 8.38                                          | 8.0808              | 0.30                  | 17.32            | 4                    |                                                             |
| MKTF-14  | 4/1/2021  | 5.74      | 6.13      | Re-Guaging      | 0.39                    | 0.74               | 8.57                                          | 8.2806              | 0.29                  | 17.32            | 4                    |                                                             |
| MKTF-17  | 3/30/2021 | 11.75     | 11.77     | Vac Truck       | 0.02                    | 0.16               | 2.11                                          | 2.1027              | 0.00                  | 24.67            | 2                    |                                                             |
| MKTF-17  | 3/31/2021 | 15.06     | 15.09     | Re-Guaging      | 0.03                    | 0.16               | 1.57                                          | 1.56154             | 0.00                  | 24.67            | 2                    |                                                             |
| MKTF-20  | 4/1/2021  | 8.97      | 9.26      | Vac Truck       | 0.29                    | 0.74               | 0.48                                          | 0.2664              | 0.21                  | 9.62             | 4                    |                                                             |
| MKTF-20  | 4/2/2021  | 8.68      | 8.72      | Re-Guaging      | 0.04                    | 0.74               | 0.70                                          | 0.666               | 0.03                  | 9.62             | 4                    |                                                             |
| MKTF-22  | 3/31/2021 | 25.20     | 27.70     | Vac Truck       | 2.50                    | 0.16               | 1.61                                          | 1.20457             | 0.41                  | 35.09            | 2                    |                                                             |
| MKTF-22  | 4/1/2021  | 26.16     | 27.41     | Re-Guaging      | 1.25                    | 0.16               | 1.46                                          | 1.25184             | 0.20                  | 35.09            | 2                    |                                                             |
| MKTF-26  | 3/31/2021 | 8.80      | 8.85      | Vac Truck       | 0.05                    | 0.16               | 1.32                                          | 1.31052             | 0.01                  | 16.89            | 2                    |                                                             |
| MKTF-26  | 4/1/2021  | 7.68      | 7.93      | Re-Guaging      | 0.25                    | 0.16               | 1.50                                          | 1.46048             | 0.04                  | 16.89            | 2                    |                                                             |
| MKTF-33  | 3/31/2021 | 23.10     | 23.80     | Vac Truck       | 0.70                    | 0.16               | 1.64                                          | 1.52405             | 0.11                  | 33.15            | 2                    |                                                             |
| MKTF-33  | 4/1/2021  | 24.33     | 24.77     | Re-Guaging      | 0.44                    | 0.16               | 1.44                                          | 1.36594             | 0.07                  | 33.15            | 2                    |                                                             |
| MKTF-45  | 3/30/2021 | 15.40     | 15.60     | Vac Truck       | 0.20                    | 0.74               | 10.98                                         | 10.8336             | 0.15                  | 30.24            | 4                    |                                                             |
| MKTF-45  | 3/31/2021 | 14.16     | 14.23     | Re-Guaging      | 0.07                    | 0.74               | 11.90                                         | 11.8474             | 0.05                  | 30.24            | 4                    |                                                             |
|          |           |           |           |                 |                         |                    | <b>Total Initially Extracted (gal.)</b>       | <b>58.69</b>        | <b>55.76</b>          | <b>2.93</b>      |                      |                                                             |
|          |           |           |           |                 |                         |                    | <b>Re-Gauging After Recharge Total (gal.)</b> | <b>58.34</b>        | <b>57.31</b>          | <b>1.02</b>      |                      |                                                             |
|          |           |           |           |                 |                         |                    | <b>Difference (gal.)</b>                      | <b>-0.35</b>        | <b>1.56</b>           | <b>-1.91</b>     |                      |                                                             |

**TABLE 3D. MARCH VACUUM TRUCK EXTRACTIONS - TANK FARM WELLS  
MARATHON PETROLEUM COMPANY, GALLUP REFINERY  
GALLUP, NEW MEXICO**

| Location                                      | Date      | DTP (ft) | DTW (ft) | Recovery Method | Product Thickness (ft) | Volume/ Foot (gal.) | Volume Pumped/ Recovered (gal.) | Water Volume (gal.) | Product Volume (gal.) | Total Depth (ft) | Casing Diameter (in) | Comments |
|-----------------------------------------------|-----------|----------|----------|-----------------|------------------------|---------------------|---------------------------------|---------------------|-----------------------|------------------|----------------------|----------|
| OW-61                                         | 3/31/2021 | 18.78    | 21.81    | Vac Truck       | 3.03                   | 0.74                | 6.82                            | 4.58                | 2.24                  | 28.0             | 4                    |          |
| OW-61                                         | 4/1/2021  | 19.30    | 19.57    | Vac Truck       | 0.27                   | 0.74                | 6.44                            | 6.24                | 0.20                  | 28.00            | 4                    |          |
| OW-65                                         | 3/31/2021 | 27.11    | 29.72    | Vac Truck       | 2.61                   | 0.74                | 7.32                            | 5.39                | 1.93                  | 37.0             | 4                    |          |
| OW-65                                         | 4/1/2021  | 27.59    | 29.72    | Vac Truck       | 2.13                   | 0.74                | 6.96                            | 5.39                | 1.58                  | 37.00            | 4                    |          |
| RW-1                                          | 3/31/2021 | 28.71    | 30.86    | Vac Truck       | 2.15                   | 0.74                | 10.60                           | 9.01                | 1.59                  | 43.0             | 4                    |          |
| RW-1                                          | 4/1/2021  | 26.52    | 29.16    | Vac Truck       | 2.64                   | 0.74                | 12.22                           | 10.27               | 1.95                  | 43.04            | 4                    |          |
| RW-2                                          | 3/31/2021 | 21.7     | 21.71    | Vac Truck       | 0.01                   | 0.74                | 13.39                           | 13.39               | 0.01                  | 39.8             | 4                    |          |
| RW-2                                          | 4/1/2021  | 22.80    | 22.80    | Vac Truck       | 0.00                   | 0.74                | 12.58                           | 12.58               | 0.00                  | 39.80            | 4                    |          |
| RW-5                                          | 3/31/2021 | 30.3     | 30.9     | Vac Truck       | 0.60                   | 0.74                | 6.87                            | 6.43                | 0.44                  | 39.6             | 4                    |          |
| RW-5                                          | 4/1/2021  | 29.90    | 31.10    | Vac Truck       | 1.20                   | 0.74                | 7.17                            | 6.28                | 0.89                  | 39.59            | 4                    |          |
| RW-6                                          | 3/31/2021 | 29.8     | 32.9     | Vac Truck       | 3.10                   | 0.74                | 8.21                            | 5.92                | 2.29                  | 40.9             | 4                    |          |
| RW-6                                          | 4/1/2021  | 28.76    | 31.05    | Vac Truck       | 2.29                   | 0.74                | 8.98                            | 7.29                | 1.69                  | 40.90            | 4                    |          |
| <b>Total Initially Extracted (gal.)</b>       |           |          |          |                 |                        |                     | <b>39.83</b>                    | <b>31.33</b>        | <b>8.50</b>           |                  |                      |          |
| <b>Re-Gauging After Recharge Total (gal.)</b> |           |          |          |                 |                        |                     | <b>41.78</b>                    | <b>35.47</b>        | <b>6.31</b>           |                  |                      |          |
| <b>Difference (gal.)</b>                      |           |          |          |                 |                        |                     | <b>1.95</b>                     | <b>4.14</b>         | <b>-2.19</b>          |                  |                      |          |

**ATTACHMENT B**

**New Mexico Environment Department to Marathon Petroleum Company Comment Letter “Approval with Modifications  
Hydrocarbon Seep Interim Measures 2020 Fourth Quarter Status Report” (March 30, 2021)**

| New Mexico Environment Department (NMED) Comment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Marathon Petroleum Company (MPC) Response                                                                                                                                                                                                                                                                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment 1:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Response 1:</b>                                                                                                                                                                                                                                                                                                                    |
| <p>In the Activities conducted during fourth quarter 2020, paragraph 1, page 1, the Permittee states, “[e]xcept for MKTF-01, the MKTF wells due south and upgradient of the hydrocarbon seep area increased in water level when compared to the third quarter. The greatest increases were in MKTF-3 (1.53 feet [ft]), MKTF—19 (1.45 ft), and MKTF-23 (1.28 ft). Fluid levels tended to decrease southwest, toward the Truck Loading Rack. The greatest decreases were in MKTF-14 (1.01 ft) and MKTF-45 (3.92 ft). All other variations were less than 1 ft.” NMED’s Approval Hydrocarbon Seep Interim Measures 2020 Third Quarter Status Report, dated December 10, 2020, approved the proposed monthly gauging for all groundwater monitoring wells and directed the Permittee to report the gauging data in future status reports. The gauging data was not included in the Report. Provide a table that presents the gauging data in the 2021 first quarter status report.</p> <p>In addition, the refinery was placed in indefinite idle as of October 9, 2020. Accordingly, water levels were expected to decrease in the MKTF wells south and upgradient of the hydrocarbon seep area. In the 2021 first quarter status report, explain potential causes of the water level increases in the area. Furthermore, clarify whether the decrease in water levels in wells MKTF-14 and MKTF-45 was caused by the fluid recovery events conducted in October and December 2020 rather than the idling of the plant in the 2021 first quarter status report.</p> | <p>Gauging data will be presented in quarterly status reports starting with the first quarter 2021 report.</p> <p>The first quarter 2021 status report includes a discussion on the decrease in water levels MKTF-14 and MKTF-45. The changes in water levels could be a result of the domestic and fire water systems operation.</p> |

**New Mexico Environment Department to Marathon Petroleum Company Comment Letter “Approval with Modifications Hydrocarbon Seep Interim Measures 2020 Fourth Quarter Status Report” (March 30, 2021)**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment 2:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Response 2:</b>                                                                                                                                                                                                                                                                                                                          |
| In the Activities conducted during fourth quarter 2020, paragraph 2, page 1, the Permittee states, “[f]luid removal in MKTF wells upgradient of the hydrocarbon seep area, with recoverable SPH, was conducted in October and December of 2020 using a vacuum truck to control product migration. In October, 16.6 gallons of SPH were extracted. In December, 9.53 gallons were extracted.” Provide a table listing all MKTF wells where fluid recovery events were conducted and the gauging data, if available, in the 2021 first quarter status report. If the gauging data was not collected at the time of fluid recovery, the Permittee must gauge fluid levels before and after conducting fluid recovery and when fluid level returns to the baseline condition (e.g., after 24 hours) in the future and report these data in future status reports. | Comment noted. Fluid levels will be taken 24 hours after vac truck extraction in future events.                                                                                                                                                                                                                                             |
| <b>Comment 3:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Response 3:</b>                                                                                                                                                                                                                                                                                                                          |
| In the Activities conducted during fourth quarter 2020, paragraph 4, page 1, the Permittee states, "Marathon submitted a revised workplan and address[ed] NMED’s comments on January 4, 2021.” NMED issued an approval with modifications on February 11, 2021 and required a response letter no later than <b>May 31, 2021</b> . This comment serves as a reminder; no revision is required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A response letter was submitted to NMED on April 14, 2021 in regard to the Investigation Work Plan for Area of Concern 35.                                                                                                                                                                                                                  |
| <b>Comment 4:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Response 4:</b>                                                                                                                                                                                                                                                                                                                          |
| In the Activities conducted during fourth quarter 2020, paragraph 1, page 2, the Permittee states, “Marathon also continues to evaluate PW-3 to determine if potable water is being lost through casing leaks.” Describe the ongoing efforts for the evaluation of well PW-3 in the 2021 first quarter status report.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | The first quarter 2021 hydrocarbon seep report includes the following discussion regarding the evaluation of PW-3: “Marathon is currently evaluating PW-3 to determine if potable water is being lost through casing leaks. A memorandum detailing the findings of the PW-3 evaluation will be submitted during the third quarter of 2021.” |

**New Mexico Environment Department to Marathon Petroleum Company Comment Letter “Approval with Modifications  
Hydrocarbon Seep Interim Measures 2020 Fourth Quarter Status Report” (March 30, 2021)**

| <b>Comment 5:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Response 5:</b>                                                                                                                                                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| In the Activities planned for the first quarter 2021, paragraph 4, page 2, the Permittee states, "gauging of existing monitoring wells near the Marketing Tank Farm indicates the gasoline is migrating to the north and may spread to the hydrocarbon seep area. Fluid recovery from MKTF wells upgradient of the hydrocarbon seep area, with recoverable SPH, will be conducted monthly to help control product migration." The proposed measure to prevent the gasoline plume migrating north is likely too passive to prevent it from spreading. The source location of the gasoline plume was already identified to be originating from the underground product transfer line on the north side of the Truck loading rack. Therefore, a completion of the investigation required by the Investigation Work Plan No. 2 Area of Concern 35, dated February 2020, is not necessary in order to develop remediation strategies to eliminate the source of the gasoline plume. Submit an interim measure work plan to eliminate the source of the gasoline plume no later than <b>July 30, 2021</b> . | Comment noted. MPC has installed five recovery sumps that will undergo vacuum truck recovery every other day. Installation of these sumps was discussed with NMED. An interim measure report summarizing these activities will be submitted no later than July 30, 2021. |

**New Mexico Environment Department to Marathon Petroleum Company Comment Letter “Approval with Modifications  
Hydrocarbon Seep Interim Measures 2020 Fourth Quarter Status Report” (March 30, 2021)**

| <b>Comment 6:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Response 6:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>In the Activities planned for the first quarter 2021, paragraph 5, page 2, the Permittee states, "SPH has been detected in MKTF-33." Explain whether the SPH detected in well MKTF-33 is the same gasoline released from the underground product transfer line on the north side of the Truck loading rack and provide the gauging data collected from well MKTF-33 in the 2021 first quarter status report. If the SPH in well MKTF-33 is determined to be the same gasoline, describe how the determination was made. In this case, the plume is rapidly expanding west as well as north. if it is unknown, propose to identify the origin of the SPH in the response letter required by the NMED's February 11, 2021 Approval with Modifications (see Comment 3).</p> <p>Furthermore, the Response to Disapproval Investigation Work Plan No. 2 Area of Concern 35, dated January 4, 2021, states that the first monitoring well is proposed to be located approximately 100 ft west of MTKF-17, and the work plan was approved by the NMED's February 11, 2021 Approval with Modifications. However, since SPH is now detected in well MKTF-33 located approximately 550 feet west of well MKTF-17, the proposed location of the monitoring well is no longer appropriate. The Permittee must change the proposed location to approximately halfway between wells MKTF-32 and MKTF-33 in order to delineate the SPH plume. Address the change in the response letter required by the NMED's February 11, 2021 Approval with Modifications (see Comment 3).</p> | <p>The SPH detected in MKTF-33 was identified to be the same gasoline released from the transfer line. This was determined using laser induced fluorescence (LIF) in February 2021.</p> <p>A response letter was submitted to NMED on April 14, 2021 in regard to the Investigation Work Plan for Area of Concern 35 that did not include the updated proposed location for monitoring well addressed in this comment. The monitoring well will be relocated west of the borrow pit seep area to support in delineating the SPH plume and the revised location is shown on Figure 1.</p> |

**New Mexico Environment Department to Marathon Petroleum Company Comment Letter “Approval with Modifications  
Hydrocarbon Seep Interim Measures 2020 Fourth Quarter Status Report” (March 30, 2021)**

| <b>Comment 7:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Response 7:</b>                                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| In the Activities planned for the first quarter 2021, paragraph 5, page 2, the Permittee states, “Marathon will conduct the Additional Laser Induced Fluorescence (LIF) Investigation in February 2021 to delineate SPH to the west of the Truck Loading Rack. Additionally, the LIF investigation will include locations along the road south of the Hydrocarbon Seep Area and south of Tank 102 to determine the extent of product migration to the north of the Truck Loading Rack.” Provide a date when the LIF investigation report will be submitted to NMED in the 2021 first quarter status report. | Comment noted. The LIF investigation report was submitted to NMED on April 1, 2021. |

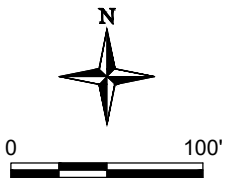
**FIGURES**



Image Cite: DigitalGlobe © CNES (2020) Distribution Airbus DS © Microsoft Corporation, BING Imagery

**EXPLANATION**

- |                                                                                     |                                                                 |                                                                                      |                                                     |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------|
|  | EXISTING CHINLE/ALLUVIUM INTERFACE AND SPH WELL AND DESIGNATION |  | PROPOSED SOIL BORING LOCATION (JULY 2019 WORK PLAN) |
|  | OILY WATER DRAIN LINE                                           |  | PROPOSED SOIL BORING LOCATIONS                      |
|  | SANITARY SEWER LINE                                             |  | PROPOSED WELL LOCATIONS                             |
|                                                                                     |                                                                 |  | PROPOSED SUMP LOCATIONS                             |
|                                                                                     |                                                                 | SPH                                                                                  | SINGLE-PHASE HYDROCARBON                            |



**Trihydro**  
CORPORATION  
1252 Commerce Drive  
Laramie, Wyoming 82070  
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(P) 307/745.7474 (F) 307/745.7729

**FIGURE 7**

**PROPOSED SAMPLING LOCATIONS**

**AOC 35 INVESTIGATION WORK PLAN**  
**MARATHON PETROLEUM CORP.**  
**GALLUP REFINING DIVISION, GALLUP, NEW MEXICO**

Drawn By: REP    Checked By: MS    Scale: 1" = 100'    Date: 12/10/20    File: 697-GALLUPAOC35-PROPSAMPLECS

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS  
  
Action 26574

CONDITIONS

|                                                                                           |                                                             |
|-------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| Operator:<br>Western Refining Southwest LLC<br>539 South Main Street<br>Findlay, OH 45840 | OGRID:<br>267595                                            |
|                                                                                           | Action Number:<br>26574                                     |
|                                                                                           | Action Type:<br>[UF-DP] Discharge Permit (DISCHARGE PERMIT) |

CONDITIONS

| Created By | Condition                                   | Condition Date |
|------------|---------------------------------------------|----------------|
| scwells    | Accepted for Record Retention Purposes-Only | 11/21/2022     |