



## Western Refining Southwest LLC

A subsidiary of Marathon Petroleum Corporation

I-40 Exit 39  
Jamestown, NM 87347

November 19, 2021

Mr. Kevin Pierard, Chief  
New Mexico Environment Department  
2905 Rodeo Park Drive East, Bldg. 1  
Santa Fe, NM 87503

**RE: Marketing Tank Farm LIF/HP Investigation Report Addendum  
Western Refining Southwest LLC, D/B/A Marathon Gallup Refinery  
EPA ID# NMD000333211**

Dear Mr. Pierard:

Western Refining Southwest LLC (D/B/A Marathon Gallup Refinery) (Refinery) is submitting this *Marketing Tank Farm Laser-Induced Fluorescence/Hydraulic Profiling (LIF/HP) Investigation Report Addendum*.

This report presents the additional data collected in the Marketing Tank Farm area in May 2021. These data were collected to complete data gaps that were identified in the *Marketing Tank Farm Laser-Induced Fluorescence/Hydraulic Profiling Investigation Report* submitted March 31, 2021.

If you have any questions or comments regarding the information contained herein, please do not hesitate to contact Mr. 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, Marathon Gallup Refinery

*Ruth A Cade*

Ruth Cade  
Vice-President

Enclosure

cc: D. Cobrain, NMED HWB  
L. Barr, NMOCD  
M. Bracey, Marathon Petroleum Company  
H. Jones, Trihydro

M. Suzuki, NMED HWB  
K. Luka, Marathon Petroleum Company  
J. Moore, Marathon Gallup Refinery



**Western Refining Southwest LLC  
D/B/A Marathon Gallup Refinery  
Marketing Tank Farm  
Laser-Induced Fluorescence/Hydraulic Profiling  
Investigation Report Addendum**

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**November 2021**



## Marketing Tank Farm Laser-Induced Fluorescence/Hydraulic Profiling Investigation Report Addendum

### Executive Summary

This Marketing Tank Farm (MKT) addendum (MKT addendum) summarizes the additional MKTF Laser-Induced Fluorescence/Hydraulic Profiling (LIF/HP) investigation conducted at the Western Refining Southwest LLC (D/B/A Marathon Gallup Refinery) (Refinery) in Gallup, New Mexico (refer to Section 1.0, Figure 1-1). This investigation was conducted to address data gaps identified in the "Marketing Tank Farm Laser-Induced Fluorescence/Hydraulic Profiling Investigation Report" (MKT Report).

As a result of two releases in 2019, MKTF release and Tank 570 release, LIF/HP was proposed to investigate the extents. Three investigations have been conducted between November 2019 and May 2021. The investigations are summarized as follows:

- Week of November 18, 2019: Borings were drilled in the MKTF and around Tank 570 to address the releases in these areas.
- Week of February 1, 2021: Borings were drilled in the MKTF to address data gaps in the MKTF area. The results for the Marketing Tank Farm investigations (November 2019 and February 2021) were summarized in the "Marketing Tank Farm Laser-Induced Fluorescence/Hydraulic Profiling Investigation Report" (MPC March 31, 2021) submitted on March 31, 2021.
- Week of May 10, 2021: Borings were drilled at various locations around the refinery, including the northern and eastern boundary, Tank Farm, MKTF, and in and around the wastewater treatment area to further address the Tank 570 area, refinery boundaries, and other areas with data gaps. The Tank 570 (November 2019 and May 2021), Process Area (February 2021), and additional areas (May 2021) data were discussed in the "Tank 570 Release and Additional Areas Laser-Induced Fluorescence/Hydraulic Profiling Investigation Report" (Tank 570 Report) (Western October 27, 2021).

This MKTF addendum presents the MKTF LIF data collected in May 2021. This MKTF addendum can be considered complimentary to the MKTF Report (MPC March 31, 2021) and Tank 570 Report (Western October 27, 2021). Refer to Section 1.0, Table 1-1 for the LIF boring designations, associated investigation dates, and cross-reference to the applicable report where data analysis is provided.

The MKTF LIF/HP investigation spanned the three field events and consisted of advancing 18 direct push (DP) borings in November 2019, 37 DP borings in February 2021, and 7 DP borings in May 2021. The May 2021 borings were drilled due to the discovery of diesel- and naphtha-type waveforms during the February 2021 LIF/HP investigation and to delineate the SPH plume in the southwest area of the Refinery. In conjunction with the LIF/HP borings, nine soil samples were collected at four locations during the November 2019 and February 2021 events. Soil sampling activities and the results were presented in the MKTF Report (MPC March 31, 2021) and are not discussed in this MKTF addendum.



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Utility clearance using ground-penetrating radar was completed by Ground Penetrating Radar Systems in the week prior to the drilling activities. Gallup Pipeline and Compliance Services performed borehole clearance using V-trenching. Terracon performed the DP drilling and Dakota Technologies, LLC performed LIF/HP probing activities.

Significant conclusions from the investigation include:

- SPH impacts appear to follow relatively coarser lithologies (sandy clays, sands, and gravel dominated lithologies).
- These appear to occur as lenses, filled in erosional surfaces, or possible paleochannels
- Product types are mixed in some areas and lighter product types are widely dispersed across the site. Releases of some lighter-end product types such as gasoline and naphtha have occurred within the last 5 years.
- To verify saturation and to aid in the design of future remedial alternatives, collection of soil cores and verification of fuel types will be evaluated.

Seven LIF DP borings were drilled during May 2021. These borings were required to address the boundaries of gasoline- and diesel-type SPH data gaps in the north and southwest area of the MKTF. MKTF-LIF-124 bounded the western edge of the MKTF SPH plume in the north. MKTF-LIF-126 showed a gasoline-type waveform (41.6%); however, this area is bounded by active refinery western boundary borings WB-LIF-125 and WB-LIF-127 (Western October 27, 2021). MKTF-LIF-134 and MKTF-LIF-135 bounded the gasoline-type plume near borings MKTF-LIF-77 and MKTF-LIF-90. A gasoline-type waveform was noted in borings MKTF-LIF-131 (37.2%) and MKTF-LIF-132 (23%). These borings are bound on the south by MKTF-LIF-78, MKTF-LIF-79, and MKTF-LIF-80 (MPC March 31, 2021), and MKTF-LIF-134. Based on the data presented in the Marketing Tank Farm LIF report (MPC March 31, 2021) and this report, sufficient data have been collected for future engineering remediation evaluations.



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## List of Acronyms and Abbreviations

|          |                                     |
|----------|-------------------------------------|
| % RE     | percent of reference emitter        |
| cm/sec   | centimeters per second              |
| DP       | direct push                         |
| EC       | electrical conductivity             |
| ft       | foot or feet                        |
| HP       | hydraulic profiling                 |
| K        | hydraulic conductivity              |
| LIF      | laser-induced fluorescence          |
| MKTF     | Marketing Tank Farm                 |
| Refinery | Marathon Gallup Refinery            |
| NM       | New Mexico                          |
| NMED     | New Mexico Environment Department   |
| SPH      | separate phase hydrocarbon          |
| UVOST®   | Ultra-Violet Optical Screening Tool |



## Marketing Tank Farm Laser-Induced Fluorescence/Hydraulic Profiling Investigation Report Addendum

### 1.0 Introduction and Background

This Marketing Tank Farm (MKT) addendum (MKT addendum) summarizes the additional MKTF Laser-Induced Fluorescence/Hydraulic Profiling (LIF/HP) investigation conducted at the Western Refining Southwest LLC (D/B/A Marathon Gallup Refinery) (Refinery) in Gallup, New Mexico (NM) (Figure 1-1). This investigation was conducted to address data gaps identified in the "Marketing Tank Farm Laser-Induced Fluorescence/Hydraulic Profiling Investigation Report" (MKT Report) (MPC March 31, 2021).

As a result of two releases in 2019, Marketing Tank Farm release and Tank 570 release, LIF/HP was proposed to investigate the extents. The investigation scope was conducted in accordance with a series of verbal discussions and agreements between the New Mexico Environment Department (NMED) and the Refinery. Three investigations have been conducted between November 2019 and May 2021. In total, 139 LIF/HP borings have been drilled at the site: 46 borings in November 2019, 45 borings in February 2021, and 48 borings in May 2021.

The investigations are summarized as follows:

- Week of November 18, 2019: Borings were drilled in the MKTF and around Tank 570 to address the releases in these areas.
- Week of February 1, 2021: Borings were drilled in the MKTF and the Process Area to address data gaps in the MKTF area. The results for the MKTF investigations (November 2019 and February 2021) were summarized in the "Marketing Tank Farm Laser-Induced Fluorescence/Hydraulic Profiling Investigation Report" (MPC March 31, 2021) submitted on March 31, 2021.
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This MKTF addendum report presents the MKTF LIF data collected in May 2021. This MKTF addendum can be considered complimentary to the MKTF Report (MPC March 31, 2021) and the Tank 570 Report (Western October 27, 2021). Table 1-1 presents the LIF boring designations, associated investigation dates, and cross-reference to the applicable report where data analysis is provided.

The MKTF LIF/HP investigation spanned the three field events and consisted of advancing 18 direct push (DP) borings in November 2019, 37 DP borings in February 2021, and 7 DP borings in May 2021. The May 2021 borings were drilled due to the discovery of diesel- and naphtha-type waveforms during the February 2021 LIF/HP investigation and to delineate the separate phase hydrocarbon (SPH) plume in the southwest area of the Refinery. In conjunction with the LIF/HP borings, nine soil samples were collected at four locations during the November 2019 and February 2021 events. Soil sampling and the results



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were presented in the MKTF Report (MPC March 31, 2021) and are not discussed in this MKTF addendum.

### 1.1 Background

The Refinery is located approximately 17 miles east of Gallup, McKinley County, NM along the north side of Interstate Highway I-40 (Figure 1-1). The physical address is I-40, Exit #39 Jamestown, NM, 87347. The Refinery property covers approximately 810 acres. The Refinery was officially idled indefinitely on October 9, 2020. While operating, the Refinery processed crude oil transported by pipeline or tanker truck from the Four Corners region. Various process units operated at the Refinery included crude distillation, reformer, fluidized catalytic cracker, alkylation, sulfur recovery, merox treater, and hydrotreater. Past operations have produced gasoline, diesel fuels, jet fuels, kerosene, propane, butane, and residual fuel. Refinery operations were idled in April 2020.

### 1.2 Investigation Objectives

As determined by the Refinery, the objectives of the LIF investigation were to:

- Identify areas where residual and/or mobile SPH may exist.
- Use the investigation results to assist in the selection of remedial alternatives for evaluation.

### 1.3 Site Surface and Subsurface Conditions

Site topographic features include high ground in the southeast gradually decreasing to a lowland fluvial plain to the northwest. Elevations on the refinery property range from 7,040 feet (ft) to 6,860 ft.

Surface soils within most of the area of investigation are primarily Rehobeth silty clay loam, which is a common soil type in the area.

Based on existing boring logs, shallow subsurface fluvial and alluvial soils are comprised of primarily clays and silts with minor inter-bedded sand layers. Very low permeability bedrock (e.g., claystones and siltstones) underlie the surface soils and effectively form an aquitard. The Chinle Group, from the Upper Triassic period, crops out over a large area on the southern margin of the San Juan Basin. The uppermost recognized local Formation is the Petrified Forest Formation. The Sonsela Sandstone Bed is the uppermost recognized regional aquifer. Aquifer tests of the Sonsela Bed northeast of Prewitt indicated a transmissivity of greater than  $100 \text{ ft}^2/\text{day}$  (Stone et al., 1983). The Sonsela Sandstone's highest point occurs southeast of the site and slopes downward to the northwest as it passes under the Refinery. The Sonsela Sandstone forms a water-bearing reservoir with artesian conditions throughout the central and western portions of the Refinery property. The regional stratigraphy around the Refinery is shown on Figure 1-2.

The diverse properties and complex, irregular stratigraphy of the surface soils across the Refinery cause a wide range of hydraulic conductivity (K) ranging from less than  $10^{-2}$  centimeters per second (cm/sec) for gravel-like sands immediately overlying the Petrified Forest Formation to  $10^{-8}$  cm/sec in the clay soils located near the surface. Generally, shallow groundwater at the Refinery follows the upper contact of



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the Petrified Forest Formation (Chinle Group) with prevailing flow from the southeast to the northwest, although localized areas may have varying flow directions based on the subsurface geology.

### 1.4 Existing Data

Historically, releases have occurred in the investigation area, including an October 2019 gasoline release from a subsurface pipeline between the Truck Loading Rack and the Marketing Tank Farm. During this investigation, the project scope was expanded from the 2019 gasoline release to evaluate other releases in the area and diesel and naphtha occurrences. Historical measurements of SPH thickness and depth in monitoring wells across the Refinery were used to develop the scope of work for the three LIF/HP investigations. SPH thicknesses in the Refinery monitoring wells are shown on Figure 1-3. Measurements of SPH thickness and depth in the monitoring wells are provided in Appendix A.



## 2.0 Investigation Methods

During these investigations, site characterization was conducted with LIF. At a subset of the LIF borings, an HP tool was added to the probe. Details on the LIF/HP technique are described in Appendix B. The investigation results are presented in Section 3.0. The concepts of mobility and migration are discussed with respect to the investigation results in Sections 3.0 and 4.0.

LIF is a DP site characterization method in which a transparent sapphire window is fitted into the side of a DP probe that is pushed through the soil column. As this sapphire-windowed probe is advanced steadily down into the soil column, pulses of laser light are emitted onto passing soil. The laser light excites fluorescent molecules that exist in most petroleum fuels and oils. At this site, the type of LIF probe utilized was an Ultra-Violet Optical Screening Tool (UVOST®) probe, which is designed for detecting light to mid-weight fuels and oils containing 2- to 4-ring polycyclic aromatic hydrocarbons (PAH), such as gasoline, diesel, kerosene, motor oils, cutting fluids, hydraulic fluid, light crude oils, and fuel oils.

The HP tool is used to assess formation permeability and hydrostratigraphy. During advancement, water is injected at a controlled rate into the formation through a screened port on the side of the HP probe. A transducer in the probe measures the total pressure required to inject the water into the formation while a flow controller at the surface monitors the injection flow rate. These data can be used to estimate K in the formation. The HP tool also measures electrical conductivity (EC). EC is the proportionality factor relating to the current that flows in a medium to the electric force field that is applied. It is a measure of the ability of the material to conduct an electrical current to move through the material. The EC of subsurface materials is influenced by metal content, porosity, permeability, and clay content, among other factors. The EC log is reviewed to better define formation permeability and hydrostratigraphy.

The combination of LIF and HP tools on a single DP probe facilitates investigation of SPH while simultaneously characterizing lithologic variability that influences SPH mass storage and transport. This combination reduces time and cost, while eliminating the need to integrate LIF and HP data from adjacent borings.

The LIF/HP probing output provides a comparison of the LIF response to that of a known reference standard and is presented as percent of the reference emitter (% RE). LIF response intensity (i.e., % RE) is influenced by the quantity of SPH present and the waveform pattern is a function of the relative proportions of the PAHs present.

For clarity, in discussing the migration potential of SPH, a distinction should be drawn between potential SPH mobility and migration, as these terms can be confused (ITRC 2009). In this report, mobility and mobility potential refer to the potential of SPH to gravity drain from the soil pore space, which can only occur if the residual saturation is exceeded. This gravity drainage typically manifests itself as SPH in a monitoring well. In contrast, SPH migration refers to the lateral spread of SPH under the influence of SPH characteristics, the prevailing groundwater hydraulic gradient, and permeability, as governed by



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Darcy's Law. Exceedance of local residual saturation is a necessary condition for migration, but it is not alone sufficient for migration. Sufficient SPH head and other conditions described in this report must be present for SPH to migrate downgradient.



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### 3.0 Investigation Results

In total, 139 LIF/HP borings have been drilled at the site: 46 borings in November 2019, 45 borings in February 2021, and 48 borings in May 2021. The locations are presented on Figure 3-1 and the LIF/HP logs associated with the MKTF May 2021 investigation are provided in Appendix C. Elevation data for the LIF borings were provided in Appendix D of the Tank 570 Report (Western October 27, 2021).

The LIF/HP Investigations were conducted because of two simultaneous releases in the Marketing Tank Farm and the Tank 570 area. The November 2019 data addressed both the Marketing Tank Farm and Tank 570 releases. The February 2021 data addressed the Marketing Tank Farm Release. The May 2021 data addressed the Tank 570 Release and the refinery boundaries per NMED comments and other data gaps. The November 2019, February 2021, and May 2021 LIF data associated with the Tank 570, refinery boundaries, and other areas with data gaps (designated PA-LIF, EB-LIF, and WB-LIF) were discussed in the Tank 570 Report (Western October 27, 2021).

The MKTF data collected May 2021 are discussed in the following sections. This report can be considered a complimentary to the MKTF Report (MPC March 31, 2021) and the Tank 570 Report (Western October 27, 2021).

#### 3.1 Utility Clearance

During the May 2021 investigation, v-trenching clearance activities were completed and LIF/HP intervals from 0 to 5 ft are representative of undisturbed subsurface conditions as required by NMED. Terracon performed the DP drilling and Dakota Technologies, LLC performed LIF/HP probing activities. Borings completed during the May 2021 investigation were abandoned using bentonite chips emplaced from the bottom of the borehole to the surface. During the November 2019 and February 2021 investigations, soil borings with no LIF response were abandoned with soil cuttings from the borehole and a bentonite plug was placed from 2 ft below ground surface. Impacted borings were abandoned using bentonite chips.

#### 3.2 Laser-Induced Fluorescence Results

Seven LIF borings were drilled in May 2021 and are discussed in this MKTF addendum (Table 1-1). Based on the MKTF LIF logs (Appendix C), residual SPH type and extent are presented on Figure 3-1. LIF fluorescence intensity is likely to increase with SPH saturation magnitude. However, LIF data should not be taken as an indication of SPH mobility. The distinction between residual and mobile SPH is complex and depends on fine scale hydrostatic conditions which can change over time. The primary output variable of the LIF borings and the % RE from the UVOST®, is a measure of fluorescence relative to a standard reference. While it is influenced by the SPH saturation of pore space within the subsurface it is also affected by the nature of aquifer materials, and the type and composition of the SPH.



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For qualitative analysis of the LIF data, values of approximately 20 % RE or less are considered a minimal response, i.e., SPH present at low levels. Values of 0 % RE were considered to have no SPH. This was determined by:

- Potential for LIF false positives having been documented for certain waveform patterns and at low % RE (Dakota 2021)
- Collection of soil samples for comparison to % RE values in general correlate to concentrations of TPH, 50% of the samples that contained Total TPH of 1000 mg/kg correlated in general to a 20 % RE threshold.

Figure 3-2 shows the LIF borings that are 20 % RE or greater.

In May 2021, seven LIF borings were advanced in the Marketing Tank Farm area to further assess the boundaries of gasoline- and diesel-type SPH. MKTF-LIF-124 and MKTF-LIF-126 were advanced as the northern most MKTF borings. No response was noted in MKTF-LIF-124, and a gasoline-type waveform was noted for MKTF-LIF-126 (41.6%). Active refinery western boundary borings WB-LIF-125 and WB-LIF-127 (Western October 27, 2021) both showed no response and are north of MKTF-LIF-126.

MKTF-LIF-131, MKTF-LIF-132, MKTF-LIF-133, MKTF-LIF-134, and MKTF-LIF-135 were advanced to delineate the western portion of the gasoline plume near borings MKTF-LIF-77 and MKTF-LIF-90. No response was noted in MKTF-LIF-133, MKTF-LIF-134, and MKTF-LIF-135. A gasoline-type waveform was noted in borings MKTF-LIF-131 (37.2%) and MKTF-LIF-132 (23%). These borings are bound on the south by MKTF-LIF-78, MKTF-LIF-79, and MKTF-LIF-80 (MPC March 31, 2021), and MKTF-LIF-134.

Based on the data presented in the Marketing Tank Farm LIF report (MPC March 31, 2021) and this report, sufficient data have been collected for future engineering remediation evaluations.



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### 4.0 Conclusions and Recommendations

Seven LIF DP borings were drilled during May 2021. These borings were required to address the boundaries of gasoline- and diesel-type SPH data gaps in the north and southwest area of the MKTF. MKTF-LIF-124 bounded the western edge of the MKTF SPH plume in the north. MKTF-LIF-126 showed a gasoline-type waveform (41.6%); however, this area is bounded by active refinery western boundary borings WB-LIF-125 and WB-LIF-127 (Western October 27, 2021). MKTF-LIF-134 and MKTF-LIF-135 bounded the gasoline-type plume near borings MKTF-LIF-77 and MKTF-LIF-90. A gasoline-type waveform was noted in borings MKTF-LIF-131 (37.2%) and MKTF-LIF-132 (23%). These borings are bound on the south by MKTF-LIF-78, MKTF-LIF-79, and MKTF-LIF-80 (MPC March 31, 2021), and MKTF-LIF-134. Based on the data presented in the Marketing Tank Farm LIF report (MPC March 31, 2021) and this report, sufficient data have been collected for future engineering remediation evaluations.



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### 5.0 References

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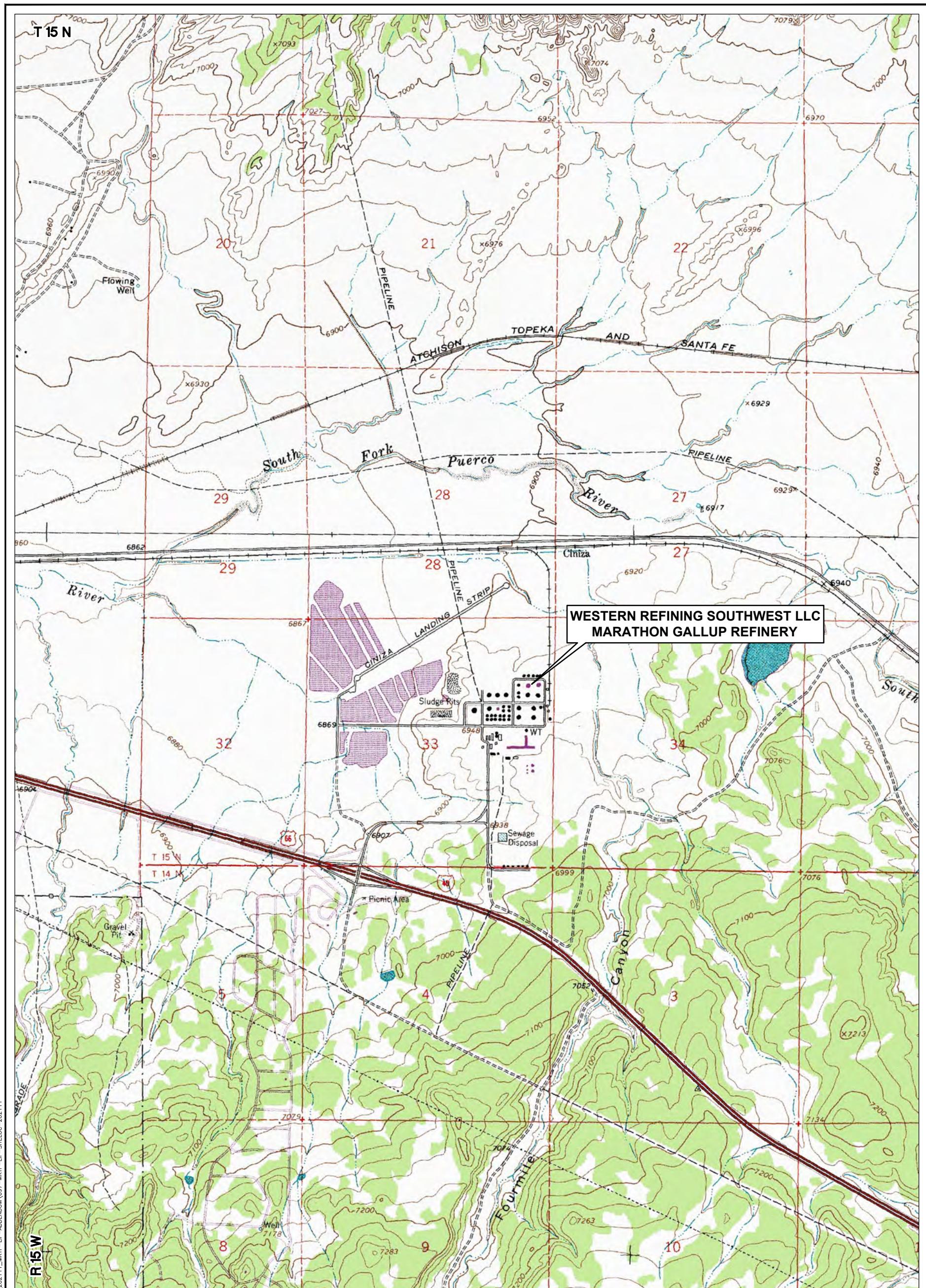
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Stone, W. J., Lyford, F. P., Frenzel, P.F., Mizell, N. H., and Padgett, E. T. 1983. Hydrogeology and Water Resources of San Juan Basin, New Mexico. Socorro, New Mexico Bureau of Mines and Mineral Resources Hydrologic Report 6, 70 p.



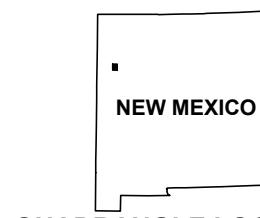
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## Figures



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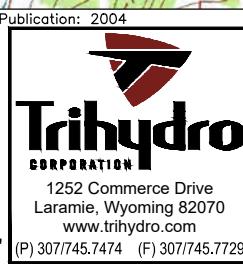
Image Cite: U.S. Geological Survey, 1:24,000-Scale 7.5 Minute Digital Raster Graphic Quadrangle, McKinley County, Publication: 2004

**NOTE:**

SITE LEGAL DESCRIPTION -  
TOWNSHIP 15 NORTH, RANGE 15  
WEST, SECTION 33

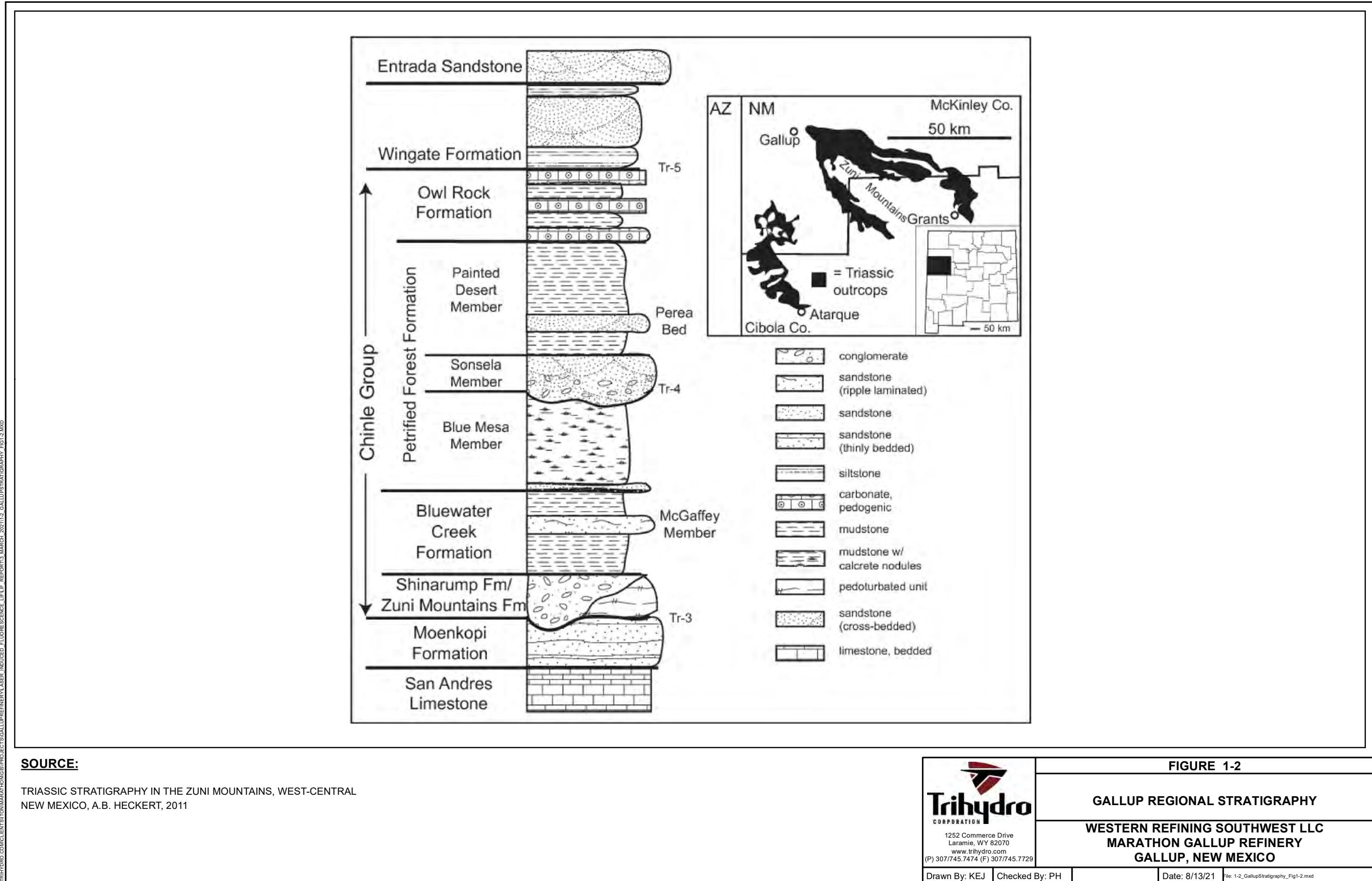


0 2,000'

**QUADRANGLE LOCATION****FIGURE 1-1****REFINERY LOCATION**

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

Drawn By: REP Checked By: BN Scale: 1" = 2,000' Date: 11/4/2021 File: 697-MKTF-LIF-SITELOC-202111

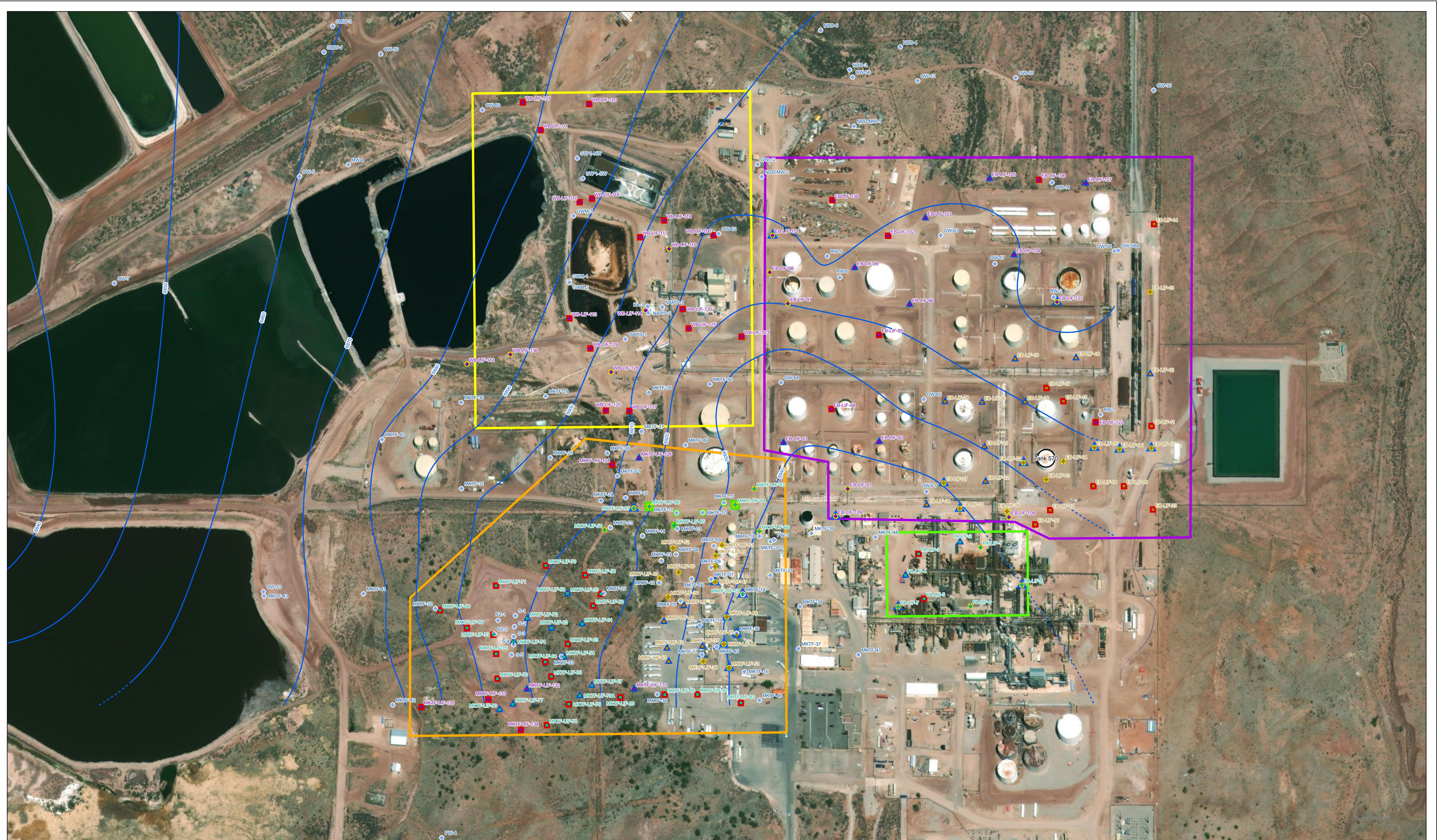




**FIGURE 1-3**

| <b>SITEWIDE MAXIMUM SPH THICKNESS</b>   |                |
|---|----------------|
| <b>WESTERN REFINING SOUTHWEST LLC<br/>MARATHON GALLUP REFINERY<br/>GALLUP, NEW MEXICO</b> |                |
| Drawn By: KEJ   | Checked By: MS |
| Scale: 1" = 160'  | Date: 11/8/21  |
| File: 1-3_Sitewide_SPH_Thickness_Fig1-3-Dsize   |                |

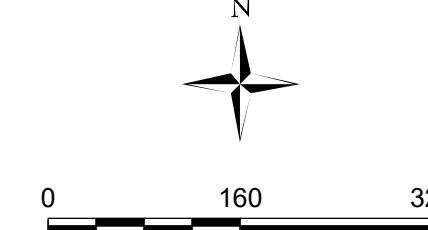
**Trihydro**  
CORPORATION  
1252 Commerce Drive  
Laramie, WY 82070  
[www.trihydro.com](http://www.trihydro.com)  
(P) 307/745.7474 (F) 307/745.7729

**EXPLANATION**

- ◆ 05/2021 LIF BORING LOCATION
  - ◆ 02/2021 LIF BORING LOCATION
  - ◆ 11/2019 LIF BORING LOCATION
  - ◆ MONITORING WELL
  - ◆ DIESEL
  - ◆ GASOLINE
  - ◆ NAPHTHA
  - ◆ RESIDUAL/NO RESPONSE
- DECEMBER 2020 GROUNDWATER ELEVATION IN FT AMSL, DASHED WHERE INFERRED
- [Yellow Box] ACTIVE REFINERY WESTERN BOUNDARY LIF AREA (05/2021)
- [Purple Box] EASTERN BOUNDARY LIF AREA (05/2021)
- [Orange Box] MKTF LIF AREA (11/2019, 02/2021, AND 05/2021)
- [Green Box] PROCESS AREA LIF AREA (02/2021)

**NOTES:**

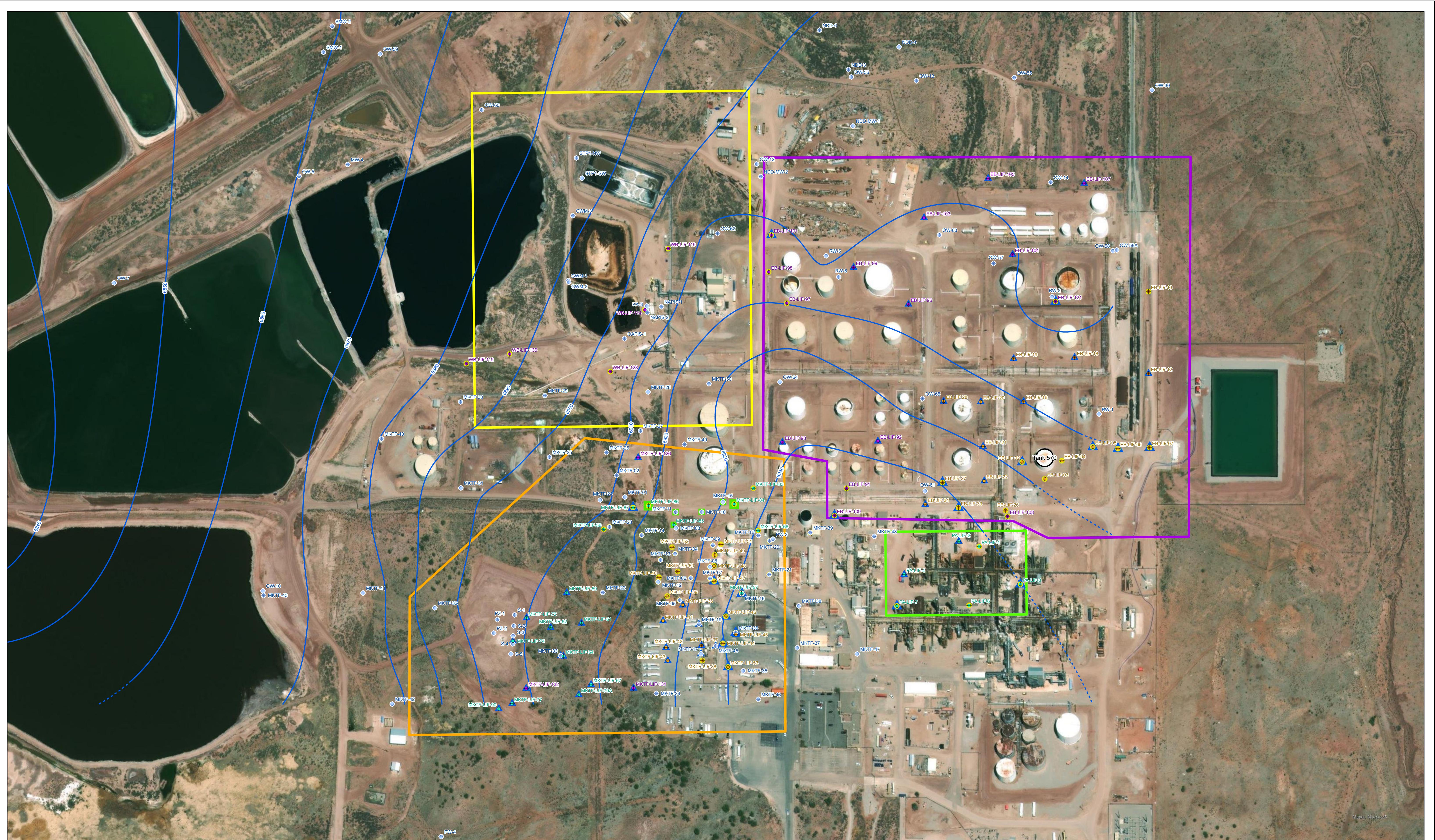
- LIF - LASER-INDUCED FLUORESCENCE  
 -SPH - SEPARATE PHASE HYDROCARBON  
 -FT AMSL - FEET ABOVE MEAN SEA LEVEL

**FIGURE 3-1**

**2019 AND 2021 LIF SAMPLE LOCATIONS AND RESIDUAL PRODUCT TYPE**

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

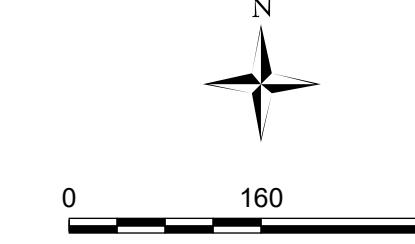
Drawn By: KEJ Checked By: MS Scale: 1" = 160' Date: 11/11/21 File: 3-1\_Sitewide\_LIF\_Results\_Fig3-1\_Dsize

**EXPLANATION**

- ◆ 05/2021 LIF BORING LOCATION
  - ◆ 02/2021 LIF BORING LOCATION
  - ◆ 11/2019 LIF BORING LOCATION
  - ◆ MONITORING WELL
- DIESEL      GASOLINE      NAPHTHA
- DECEMBER 2020 GROUNDWATER ELEVATION  
IN FT AMSL, DASHED WHERE INFERRED

**NOTES:**

-LIF - LASER-INDUCED FLUORESCENCE  
-SPH - SEPARATE PHASE HYDROCARBON  
-FT AMSL - FEET ABOVE MEAN SEA LEVEL  
-% PERCENT



**FIGURE 3-2**  
**2019 AND 2021 LIF SAMPLE LOCATIONS WITH GREATER THAN 20% RESPONSE**

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

Drawn By: KEJ    Checked By: MS    Scale: 1" = 160'    Date: 11/11/21    File: 3-2\_LIF\_20percent\_3-2\_Dsize



Marketing Tank Farm Laser-Induced  
Fluorescence/Hydraulic Profiling Investigation Report Addendum

## Table

**TABLE 1-1. LIF BORING DESTINATION AND INVESTIGATION DATE  
WESTERN REFINING SOUTHWEST LLC, MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| <b>Location Name</b> | <b>LIF Investigation Date</b> | <b>Reported in Marketing Tank Farm Report <sup>1</sup></b> | <b>Reported in Tank 570 Release and Additional Areas Report <sup>2</sup></b> | <b>Reported in Marketing Tank Farm Report Addendum <sup>3</sup></b> |
|----------------------|-------------------------------|--|--|---|
| EB-LIF-02            | Nov-19                        | --   | Y  | --  |
| EB-LIF-03            | Nov-19                        | --   | Y  | --  |
| EB-LIF-04            | Nov-19                        | --   | Y  | --  |
| EB-LIF-05            | Nov-19                        | --   | Y  | --  |
| EB-LIF-06            | Nov-19                        | --   | Y  | --  |
| EB-LIF-07            | Nov-19                        | --   | Y  | --  |
| EB-LIF-08            | Nov-19                        | --   | Y  | --  |
| EB-LIF-09            | Nov-19                        | --   | Y  | --  |
| EB-LIF-11            | Nov-19                        | --   | Y  | --  |
| EB-LIF-12            | Nov-19                        | --   | Y  | --  |
| EB-LIF-13            | Nov-19                        | --   | Y  | --  |
| EB-LIF-14            | Nov-19                        | --   | Y  | --  |
| EB-LIF-15            | Nov-19                        | --   | Y  | --  |
| EB-LIF-16            | Nov-19                        | --   | Y  | --  |
| EB-LIF-17            | Nov-19                        | --   | Y  | --  |
| EB-LIF-18            | Nov-19                        | --   | Y  | --  |
| EB-LIF-19            | Nov-19                        | --   | Y  | --  |
| EB-LIF-20            | Nov-19                        | --   | Y  | --  |
| EB-LIF-21            | Nov-19                        | --   | Y  | --  |
| EB-LIF-22            | Nov-19                        | --   | Y  | --  |
| EB-LIF-23            | Nov-19                        | --   | Y  | --  |
| EB-LIF-25            | Nov-19                        | --   | Y  | --  |
| EB-LIF-26            | Nov-19                        | --   | Y  | --  |
| EB-LIF-27            | Nov-19                        | --   | Y  | --  |
| EB-LIF-28            | Nov-19                        | --   | Y  | --  |
| EB-LIF-30            | Nov-19                        | --   | Y  | --  |
| EB-LIF-33            | Nov-19                        | --   | Y  | --  |
| EB-LIF-34            | Nov-19                        | --   | Y  | --  |
| EB-LIF-91            | May-21                        | --   | Y  | --  |
| EB-LIF-92            | May-21                        | --   | Y  | --  |
| EB-LIF-93            | May-21                        | --   | Y  | --  |
| EB-LIF-94            | May-21                        | --   | Y  | --  |
| EB-LIF-95            | May-21                        | --   | Y  | --  |

**TABLE 1-1. LIF BORING DESTINATION AND INVESTIGATION DATE**  
**WESTERN REFINING SOUTHWEST LLC, MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Location Name | LIF Investigation Date | Reported in Marketing Tank Farm Report <sup>1</sup> | Reported in Tank 570 Release and Additional Areas Report <sup>2</sup> | Reported in Marketing Tank Farm Report Addendum <sup>3</sup> |
|---------------|------------------------|---|---|--|
| EB-LIF-96     | May-21                 | --  | Y   | --   |
| EB-LIF-97     | May-21                 | --  | Y   | --   |
| EB-LIF-98     | May-21                 | --  | Y   | --   |
| EB-LIF-99     | May-21                 | --  | Y   | --   |
| EB-LIF-101    | May-21                 | --  | Y   | --   |
| EB-LIF-102    | May-21                 | --  | Y   | --   |
| EB-LIF-103    | May-21                 | --  | Y   | --   |
| EB-LIF-104    | May-21                 | --  | Y   | --   |
| EB-LIF-105    | May-21                 | --  | Y   | --   |
| EB-LIF-106    | May-21                 | --  | Y   | --   |
| EB-LIF-107    | May-21                 | --  | Y   | --   |
| EB-LIF-108    | May-21                 | --  | Y   | --   |
| EB-LIF-109    | May-21                 | --  | Y   | --   |
| EB-LIF-121    | May-21                 | --  | Y   | --   |
| EB-LIF-122    | May-21                 | --  | Y   | --   |
| EB-LIF-138    | May-21                 | --  | Y   | --   |
| MKTF-LIF-36   | Nov-19                 | Y   | --  | --   |
| MKTF-LIF-37   | Nov-19                 | Y   | --  | --   |
| MKTF-LIF-38   | Nov-19                 | Y   | --  | --   |
| MKTF-LIF-39   | Nov-19                 | Y   | --  | --   |
| MKTF-LIF-40   | Nov-19                 | Y   | --  | --   |
| MKTF-LIF-41   | Nov-19                 | Y   | --  | --   |
| MKTF-LIF-42   | Nov-19                 | Y   | --  | --   |
| MKTF-LIF-43   | Nov-19                 | Y   | --  | --   |
| MKTF-LIF-44   | Nov-19                 | Y   | --  | --   |
| MKTF-LIF-45   | Nov-19                 | Y   | --  | --   |
| MKTF-LIF-46   | Nov-19                 | Y   | --  | --   |
| MKTF-LIF-47   | Nov-19                 | Y   | --  | --   |
| MKTF-LIF-48   | Nov-19                 | Y   | --  | --   |
| MKTF-LIF-49   | Nov-19                 | Y   | --  | --   |
| MKTF-LIF-50   | Nov-19                 | Y   | --  | --   |
| MKTF-LIF-51   | Nov-19                 | Y   | --  | --   |
| MKTF-LIF-52   | Nov-19                 | Y   | --  | --   |

**TABLE 1-1. LIF BORING DESTINATION AND INVESTIGATION DATE**  
**WESTERN REFINING SOUTHWEST LLC, MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Location Name | LIF Investigation Date | Reported in Marketing Tank Farm Report <sup>1</sup> | Reported in Tank 570 Release and Additional Areas Report <sup>2</sup> | Reported in Marketing Tank Farm Report Addendum <sup>3</sup> |
|---------------|------------------------|---|---|--|
| MKTF-LIF-53   | Nov-19                 | Y   | --  | --   |
| MKTF-LIF-54   | Feb-21                 | Y   | --  | --   |
| MKTF-LIF-55   | Feb-21                 | Y   | --  | --   |
| MKTF-LIF-56   | Feb-21                 | Y   | --  | --   |
| MKTF-LIF-57   | Feb-21                 | Y   | --  | --   |
| MKTF-LIF-58   | Feb-21                 | Y   | --  | --   |
| MKTF-LIF-59   | Feb-21                 | Y   | --  | --   |
| MKTF-LIF-60   | Feb-21                 | Y   | --  | --   |
| MKTF-LIF-61   | Feb-21                 | Y   | --  | --   |
| MKTF-LIF-62   | Feb-21                 | Y   | --  | --   |
| MKTF-LIF-63   | Feb-21                 | Y   | --  | --   |
| MKTF-LIF-64   | Feb-21                 | Y   | --  | --   |
| MKTF-LIF-65   | Feb-21                 | Y   | --  | --   |
| MKTF-LIF-66   | Feb-21                 | Y   | --  | --   |
| MKTF-LIF-67   | Feb-21                 | Y   | --  | --   |
| MKTF-LIF-68   | Feb-21                 | Y   | --  | --   |
| MKTF-LIF-70   | Feb-21                 | Y   | --  | --   |
| MKTF-LIF-71   | Feb-21                 | Y   | --  | --   |
| MKTF-LIF-72   | Feb-21                 | Y   | --  | --   |
| MKTF-LIF-73   | Feb-21                 | Y   | --  | --   |
| MKTF-LIF-74   | Feb-21                 | Y   | --  | --   |
| MKTF-LIF-75   | Feb-21                 | Y   | --  | --   |
| MKTF-LIF-76   | Feb-21                 | Y   | --  | --   |
| MKTF-LIF-77   | Feb-21                 | Y   | --  | --   |
| MKTF-LIF-78   | Feb-21                 | Y   | --  | --   |
| MKTF-LIF-79   | Feb-21                 | Y   | --  | --   |
| MKTF-LIF-79A  | Feb-21                 | Y   | --  | --   |
| MKTF-LIF-80   | Feb-21                 | Y   | --  | --   |
| MKTF-LIF-81   | Feb-21                 | Y   | --  | --   |
| MKTF-LIF-82   | Feb-21                 | Y   | --  | --   |
| MKTF-LIF-83   | Feb-21                 | Y   | --  | --   |
| MKTF-LIF-84   | Feb-21                 | Y   | --  | --   |
| MKTF-LIF-85   | Feb-21                 | Y   | --  | --   |

**TABLE 1-1. LIF BORING DESTINATION AND INVESTIGATION DATE  
WESTERN REFINING SOUTHWEST LLC, MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| Location Name | LIF Investigation Date | Reported in Marketing Tank Farm Report <sup>1</sup> | Reported in Tank 570 Release and Additional Areas Report <sup>2</sup> | Reported in Marketing Tank Farm Report Addendum <sup>3</sup> |
|---------------|------------------------|---|---|--|
| MKTF-LIF-86   | Feb-21                 | Y   | --  | --   |
| MKTF-LIF-87   | Feb-21                 | Y   | --  | --   |
| MKTF-LIF-88   | Feb-21                 | Y   | --  | --   |
| MKTF-LIF-89   | Feb-21                 | Y   | --  | --   |
| MKTF-LIF-90   | Feb-21                 | Y   | --  | --   |
| MKTF-LIF-124  | May-21                 | --  | --  | Y  |
| MKTF-LIF-126  | May-21                 | --  | --  | Y  |
| MKTF-LIF-131  | May-21                 | --  | --  | Y  |
| MKTF-LIF-132  | May-21                 | --  | --  | Y  |
| MKTF-LIF-133  | May-21                 | --  | --  | Y  |
| MKTF-LIF-134  | May-21                 | --  | --  | Y  |
| MKTF-LIF-135  | May-21                 | --  | --  | Y  |
| PA-LIF-1      | Feb-21                 | Y   | --  | --   |
| PA-LIF-2      | Feb-21                 | Y   | --  | --   |
| PA-LIF-3      | Feb-21                 | Y   | --  | --   |
| PA-LIF-4      | Feb-21                 | Y   | --  | --   |
| PA-LIF-5      | Feb-21                 | Y   | --  | --   |
| PA-LIF-6      | Feb-21                 | Y   | --  | --   |
| PA-LIF-7      | Feb-21                 | Y   | --  | --   |
| PA-LIF-8      | Feb-21                 | Y   | --  | --   |
| WB-LIF-100    | May-21                 | --  | Y   | --   |
| WB-LIF-110    | May-21                 | --  | Y   | --   |
| WB-LIF-111    | May-21                 | --  | Y   | --   |
| WB-LIF-112    | May-21                 | --  | Y   | --   |
| WB-LIF-113    | May-21                 | --  | Y   | --   |
| WB-LIF-114    | May-21                 | --  | Y   | --   |
| WB-LIF-115    | May-21                 | --  | Y   | --   |
| WB-LIF-116    | May-21                 | --  | Y   | --   |
| WB-LIF-117    | May-21                 | --  | Y   | --   |
| WB-LIF-118    | May-21                 | --  | Y   | --   |
| WB-LIF-119    | May-21                 | --  | Y   | --   |
| WB-LIF-120    | May-21                 | --  | Y   | --   |
| WB-LIF-123    | May-21                 | --  | Y   | --   |
| WB-LIF-125    | May-21                 | --  | Y   | --   |
| WB-LIF-127    | May-21                 | --  | Y   | --   |

**TABLE 1-1. LIF BORING DESTINATION AND INVESTIGATION DATE  
WESTERN REFINING SOUTHWEST LLC, MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO**

| <b>Location Name</b> | <b>LIF Investigation Date</b> | <b>Reported in Marketing Tank Farm Report <sup>1</sup></b> | <b>Reported in Tank 570 Release and Additional Areas Report <sup>2</sup></b> | <b>Reported in Marketing Tank Farm Report Addendum <sup>3</sup></b> |
|----------------------|-------------------------------|--|--|---|
| WB-LIF-128           | May-21                        | --   | Y  | --  |
| WB-LIF-129           | May-21                        | --   | Y  | --  |
| WB-LIF-130           | May-21                        | --   | Y  | --  |
| WB-LIF-136           | May-21                        | --   | Y  | --  |
| WB-LIF-137           | May-21                        | --   | Y  | --  |

Notes:

-- - Not applicable

LIF/HP - Laser-Induced Fluorescence/Hydraulic Profiling

Y - Yes

<sup>1</sup> Marketing Tank Farm LIF/HP Investigation Report. March 31, 2021.

<sup>2</sup> Tank 570 Release and Additional Areas LIF/HP Investigation Report. October 31, 2021.

<sup>3</sup> Marketing Tank Farm LIF/HP Investigation Report Addendum, November 19, 2021.



Marketing Tank Farm Laser-Induced  
Fluorescence/Hydraulic Profiling Investigation Report Addendum

## Appendix A – Fluid Level Measurements

**APPENDIX A. FLUID LEVEL MEASUREMENTS**  
**MARATHON PETROLEUM COMPANY**  
**GALLUP REFINING DIVISION, GALLUP, NEW MEXICO**

| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| BW-1A    | 9/8/2014      | 6885.12                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 46.06            |
| BW-1A    | 8/10/2015     | 6885.12                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 46.06            |
| BW-1A    | 9/8/2016      | 6885.12                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 46.06            |
| BW-1A    | 9/13/2017     | 6885.12                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 46.06            |
| BW-1A    | 8/15/2018     | 6885.12                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 42.61            |
| BW-1A    | 8/14/2019     | 6885.12                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 42.61            |
| BW-1A    | 9/14/2020     | 6885.12                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 43.70            |
| BW-1B    | 9/8/2014      | 6885.78                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 76.29            |
| BW-1B    | 8/10/2015     | 6885.78                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 76.29            |
| BW-1B    | 9/8/2016      | 6885.78                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 76.29            |
| BW-1B    | 9/13/2017     | 6885.78                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 76.29            |
| BW-1B    | 8/15/2018     | 6885.78                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 73.55            |
| BW-1B    | 8/14/2019     | 6885.78                             | NA                                  | 6813.56                           | 72.22               | ND                    | NA                     | 73.55            |
| BW-1B    | 9/14/2020     | 6885.78                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 73.38            |
| BW-1C    | 9/10/2014     | 6885.68                             | NA                                  | 6872.71                           | 12.97               | ND                    | NA                     | 145.29           |
| BW-1C    | 8/10/2015     | 6885.68                             | NA                                  | 6873.35                           | 12.33               | ND                    | NA                     | 145.29           |
| BW-1C    | 9/8/2016      | 6885.68                             | NA                                  | 6873.13                           | 12.55               | ND                    | NA                     | 145.29           |
| BW-1C    | 9/13/2017     | 6885.68                             | NA                                  | 6873.08                           | 12.60               | ND                    | NA                     | 145.29           |
| BW-1C    | 8/15/2018     | 6885.68                             | NA                                  | 6872.78                           | 12.90               | ND                    | NA                     | 145.29           |
| BW-1C    | 8/14/2019     | 6885.68                             | NA                                  | 6873.29                           | 12.39               | ND                    | NA                     | 145.29           |
| BW-1C    | 9/14/2020     | 6885.68                             | NA                                  | 6871.79                           | 13.89               | ND                    | NA                     | 145.29           |
| BW-2A    | 9/9/2014      | 6874.69                             | NA                                  | 6842.44                           | 32.25               | ND                    | NA                     | 67.57            |
| BW-2A    | 8/10/2015     | 6874.69                             | NA                                  | 6842.69                           | 32.00               | ND                    | NA                     | 67.57            |
| BW-2A    | 9/8/2016      | 6874.69                             | NA                                  | 6842.40                           | 32.29               | ND                    | NA                     | 67.57            |
| BW-2A    | 9/13/2017     | 6874.69                             | NA                                  | 6842.25                           | 32.44               | ND                    | NA                     | 67.57            |
| BW-2A    | 8/15/2018     | 6874.69                             | NA                                  | 6842.35                           | 32.34               | ND                    | NA                     | 67.57            |
| BW-2A    | 8/14/2019     | 6874.69                             | NA                                  | 6842.43                           | 32.26               | ND                    | NA                     | 67.57            |
| BW-2A    | 9/14/2020     | 6874.69                             | NA                                  | 6841.76                           | 32.93               | ND                    | NA                     | 67.21            |
| BW-2B    | 9/9/2014      | 6874.50                             | NA                                  | 6846.35                           | 28.15               | ND                    | NA                     | 92.26            |
| BW-2B    | 8/10/2015     | 6874.50                             | NA                                  | 6846.50                           | 28.00               | ND                    | NA                     | 92.26            |
| BW-2B    | 9/8/2016      | 6874.50                             | NA                                  | 6846.66                           | 27.84               | ND                    | NA                     | 92.26            |
| BW-2B    | 9/13/2017     | 6874.50                             | NA                                  | 6846.22                           | 28.28               | ND                    | NA                     | 92.26            |
| BW-2B    | 8/15/2018     | 6874.50                             | NA                                  | 6846.25                           | 28.25               | ND                    | NA                     | 92.26            |
| BW-2B    | 8/14/2019     | 6874.50                             | NA                                  | 6846.05                           | 28.45               | ND                    | NA                     | 92.26            |
| BW-2B    | 9/14/2020     | 6874.50                             | NA                                  | 6845.71                           | 28.79               | ND                    | NA                     | 92.26            |
| BW-2C    | 9/10/2014     | 6875.30                             | NA                                  | 6854.60                           | 20.70               | ND                    | NA                     | 152.84           |
| BW-2C    | 8/10/2015     | 6875.30                             | NA                                  | 6854.74                           | 20.56               | ND                    | NA                     | 152.84           |
| BW-2C    | 9/8/2016      | 6875.30                             | NA                                  | 6854.67                           | 20.63               | ND                    | NA                     | 152.84           |
| BW-2C    | 9/13/2017     | 6875.30                             | NA                                  | 6854.40                           | 20.90               | ND                    | NA                     | 152.84           |
| BW-2C    | 8/15/2018     | 6875.30                             | NA                                  | 6854.45                           | 20.85               | ND                    | NA                     | 152.84           |

**APPENDIX A. FLUID LEVEL MEASUREMENTS**  
**MARATHON PETROLEUM COMPANY**  
**GALLUP REFINING DIVISION, GALLUP, NEW MEXICO**

| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| BW-2C    | 8/14/2019     | 6875.30                             | NA                                  | 6854.10                           | 21.20               | ND                    | NA                     | 152.84           |
| BW-2C    | 9/14/2020     | 6875.30                             | NA                                  | 6853.98                           | 21.32               | ND                    | NA                     | 149.10           |
| BW-3A    | 9/8/2014      | 6878.39                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 52.35            |
| BW-3A    | 8/10/2015     | 6878.39                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 52.35            |
| BW-3A    | 9/8/2016      | 6878.39                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 52.35            |
| BW-3A    | 9/13/2017     | 6878.39                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 52.35            |
| BW-3A    | 8/15/2018     | 6878.39                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 52.38            |
| BW-3A    | 8/14/2019     | 6878.39                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 52.38            |
| BW-3A    | 9/14/2020     | 6878.39                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 53.30            |
| BW-3B    | 9/10/2014     | 6878.59                             | NA                                  | 6845.34                           | 33.25               | ND                    | NA                     | 69.40            |
| BW-3B    | 8/10/2015     | 6878.59                             | NA                                  | 6845.59                           | 33.00               | ND                    | NA                     | 69.40            |
| BW-3B    | 9/8/2016      | 6878.59                             | NA                                  | 6845.17                           | 33.42               | ND                    | NA                     | 69.40            |
| BW-3B    | 9/13/2017     | 6878.59                             | NA                                  | 6845.21                           | 33.38               | ND                    | NA                     | 69.40            |
| BW-3B    | 8/15/2018     | 6878.59                             | NA                                  | 6845.24                           | 33.35               | ND                    | NA                     | 69.40            |
| BW-3B    | 8/14/2019     | 6878.59                             | NA                                  | 6845.28                           | 33.31               | ND                    | NA                     | 69.40            |
| BW-3B    | 9/14/2020     | 6878.59                             | NA                                  | 6844.35                           | 34.24               | ND                    | NA                     | 69.54            |
| BW-3C    | 9/10/2014     | 6877.95                             | NA                                  | 6870.12                           | 7.83                | ND                    | NA                     | 154.55           |
| BW-3C    | 8/10/2015     | 6877.95                             | NA                                  | 6870.20                           | 7.75                | ND                    | NA                     | 154.55           |
| BW-3C    | 9/8/2016      | 6877.95                             | NA                                  | 6869.65                           | 8.30                | ND                    | NA                     | 154.55           |
| BW-3C    | 9/13/2017     | 6877.95                             | NA                                  | 6870.15                           | 7.80                | ND                    | NA                     | 154.55           |
| BW-3C    | 8/15/2018     | 6877.95                             | NA                                  | 6869.77                           | 8.18                | ND                    | NA                     | 154.55           |
| BW-3C    | 8/14/2019     | 6877.95                             | NA                                  | 6870.09                           | 7.86                | ND                    | NA                     | 154.55           |
| BW-3C    | 9/14/2020     | 6877.95                             | NA                                  | 6869.43                           | 8.52                | ND                    | NA                     | 150.20           |
| BW-4A    | 9/21/2017     | 6873.18                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 38.80            |
| BW-4A    | 12/8/2017     | 6873.18                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 38.30            |
| BW-4A    | 2/26/2018     | 6873.18                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 38.80            |
| BW-4A    | 4/25/2018     | 6873.18                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 38.80            |
| BW-4A    | 8/15/2018     | 6873.18                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 38.80            |
| BW-4A    | 11/7/2018     | 6873.18                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 38.30            |
| BW-4A    | 3/27/2019     | 6873.18                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 38.32            |
| BW-4A    | 5/21/2019     | 6873.18                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 38.32            |
| BW-4A    | 8/23/2019     | 6873.18                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 38.32            |
| BW-4A    | 10/16/2019    | 6873.18                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 38.32            |
| BW-4A    | 9/14/2020     | 6873.18                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 38.90            |
| BW-4A    | 12/7/2020     | 6873.18                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 38.90            |
| BW-4B    | 9/21/2017     | 6873.23                             | NA                                  | 6841.65                           | 31.58               | ND                    | NA                     | 63.50            |
| BW-4B    | 12/8/2017     | 6873.23                             | NA                                  | 6835.28                           | 37.95               | ND                    | NA                     | 63.50            |
| BW-4B    | 2/26/2018     | 6873.23                             | NA                                  | 6834.80                           | 38.43               | ND                    | NA                     | 63.50            |
| BW-4B    | 4/25/2018     | 6873.23                             | NA                                  | 6829.63                           | 43.60               | ND                    | NA                     | 63.50            |
| BW-4B    | 8/15/2018     | 6873.23                             | NA                                  | 6834.18                           | 39.05               | ND                    | NA                     | 63.50            |

**APPENDIX A. FLUID LEVEL MEASUREMENTS**  
**MARATHON PETROLEUM COMPANY**  
**GALLUP REFINING DIVISION, GALLUP, NEW MEXICO**

| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| BW-4B    | 11/13/2018    | 6873.23                             | NA                                  | 6828.36                           | 44.87               | ND                    | NA                     | 63.50            |
| BW-4B    | 3/27/2019     | 6873.23                             | NA                                  | 6833.93                           | 39.30               | ND                    | NA                     | 63.50            |
| BW-4B    | 5/21/2019     | 6873.23                             | NA                                  | 6827.22                           | 46.01               | ND                    | NA                     | 63.50            |
| BW-4B    | 8/23/2019     | 6873.23                             | NA                                  | 6827.23                           | 46.00               | ND                    | NA                     | 63.50            |
| BW-4B    | 10/16/2019    | 6873.23                             | NA                                  | 6825.73                           | 47.50               | ND                    | NA                     | 63.50            |
| BW-4B    | 9/14/2020     | 6873.23                             | 6833.38                             | 6833.37                           | 39.86               | 39.85                 | 0.01                   | 63.50            |
| BW-4B    | 12/7/2020     | 6873.23                             | NA                                  | 6837.37                           | 35.86               | ND                    | NA                     | 63.50            |
| BW-5A    | 9/21/2017     | 6877.00                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 23.00            |
| BW-5A    | 12/8/2017     | 6877.00                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 23.02            |
| BW-5A    | 2/26/2018     | 6877.00                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 23.02            |
| BW-5A    | 4/25/2018     | 6877.00                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 23.02            |
| BW-5A    | 8/15/2018     | 6877.00                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 23.02            |
| BW-5A    | 11/13/2018    | 6877.00                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 23.02            |
| BW-5A    | 3/27/2019     | 6877.00                             | NA                                  | 6853.75                           | 23.25               | ND                    | NA                     | 23.00            |
| BW-5A    | 5/21/2019     | 6877.00                             | NA                                  | 6853.70                           | 23.30               | ND                    | NA                     | 23.00            |
| BW-5A    | 8/15/2019     | 6877.00                             | NA                                  | 6855.74                           | 21.26               | ND                    | NA                     | 23.02            |
| BW-5A    | 10/16/2019    | 6877.00                             | NA                                  | 6853.75                           | 23.25               | ND                    | NA                     | 23.30            |
| BW-5A    | 9/14/2020     | 6877.00                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 23.40            |
| BW-5A    | 12/7/2020     | 6877.00                             | NA                                  | 6853.73                           | 23.27               | ND                    | NA                     | 23.40            |
| BW-5B    | 9/21/2017     | 6876.82                             | NA                                  | 6868.17                           | 8.65                | ND                    | NA                     | 61.45            |
| BW-5B    | 12/8/2017     | 6876.82                             | NA                                  | 6867.82                           | 9.00                | ND                    | NA                     | 61.45            |
| BW-5B    | 2/26/2018     | 6876.82                             | NA                                  | 6866.54                           | 10.28               | ND                    | NA                     | 61.45            |
| BW-5B    | 4/25/2018     | 6876.82                             | NA                                  | 6867.07                           | 9.75                | ND                    | NA                     | 61.45            |
| BW-5B    | 8/15/2018     | 6876.82                             | NA                                  | 6866.78                           | 10.04               | ND                    | NA                     | 61.45            |
| BW-5B    | 11/13/2018    | 6876.82                             | NA                                  | 6866.25                           | 10.57               | ND                    | NA                     | 61.45            |
| BW-5B    | 3/27/2019     | 6876.82                             | NA                                  | 6867.44                           | 9.38                | ND                    | NA                     | 61.45            |
| BW-5B    | 5/21/2019     | 6876.82                             | NA                                  | 6867.62                           | 9.20                | ND                    | NA                     | 61.45            |
| BW-5B    | 8/15/2019     | 6876.82                             | NA                                  | 6867.15                           | 9.67                | ND                    | NA                     | 61.45            |
| BW-5B    | 10/16/2019    | 6876.82                             | NA                                  | 6866.55                           | 10.27               | ND                    | NA                     | 61.45            |
| BW-5B    | 9/14/2020     | 6876.82                             | NA                                  | 6866.21                           | 10.61               | ND                    | NA                     | 61.45            |
| BW-5B    | 12/7/2020     | 6876.82                             | NA                                  | 6866.29                           | 10.53               | ND                    | NA                     | 61.45            |
| BW-5C    | 9/21/2017     | 6876.85                             | NA                                  | 6873.86                           | 2.99                | ND                    | NA                     | 76.35            |
| BW-5C    | 12/8/2017     | 6876.85                             | NA                                  | 6874.05                           | 2.80                | ND                    | NA                     | 76.35            |
| BW-5C    | 2/26/2018     | 6876.85                             | NA                                  | 6874.22                           | 2.63                | ND                    | NA                     | 76.35            |
| BW-5C    | 4/25/2018     | 6876.85                             | NA                                  | 6874.30                           | 2.55                | ND                    | NA                     | 76.35            |
| BW-5C    | 8/15/2018     | 6876.85                             | NA                                  | 6873.53                           | 3.32                | ND                    | NA                     | 76.35            |
| BW-5C    | 11/13/2018    | 6876.85                             | NA                                  | 6873.36                           | 3.49                | ND                    | NA                     | 76.35            |
| BW-5C    | 3/27/2019     | 6876.85                             | NA                                  | 6874.86                           | 1.99                | ND                    | NA                     | 76.35            |
| BW-5C    | 5/21/2019     | 6876.85                             | NA                                  | 6875.25                           | 1.60                | ND                    | NA                     | 76.35            |
| BW-5C    | 8/15/2019     | 6876.85                             | NA                                  | 6874.16                           | 2.69                | ND                    | NA                     | 76.35            |

**APPENDIX A. FLUID LEVEL MEASUREMENTS**  
**MARATHON PETROLEUM COMPANY**  
**GALLUP REFINING DIVISION, GALLUP, NEW MEXICO**

| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| BW-5C    | 10/16/2019    | 6876.85                             | NA                                  | 6873.35                           | 3.50                | ND                    | NA                     | 76.35            |
| BW-5C    | 9/14/2020     | 6876.85                             | NA                                  | 6872.49                           | 4.36                | ND                    | NA                     | 76.35            |
| BW-5C    | 12/7/2020     | 6876.85                             | NA                                  | 6872.58                           | 4.27                | ND                    | NA                     | 76.35            |
| GWM-1    | 3/11/2014     | 6912.61                             | NA                                  | 6893.69                           | 18.92               | ND                    | NA                     | 26.20            |
| GWM-1    | 6/5/2014      | 6912.61                             | NA                                  | 6893.51                           | 19.10               | ND                    | NA                     | 26.20            |
| GWM-1    | 9/12/2014     | 6912.61                             | NA                                  | 6893.05                           | 19.56               | ND                    | NA                     | 26.20            |
| GWM-1    | 11/13/2014    | 6912.61                             | NA                                  | 6892.53                           | 20.08               | ND                    | NA                     | 26.20            |
| GWM-1    | 3/10/2015     | 6912.61                             | NA                                  | 6891.62                           | 20.99               | ND                    | NA                     | 26.20            |
| GWM-1    | 6/2/2015      | 6912.61                             | NA                                  | 6891.69                           | 20.92               | ND                    | NA                     | 26.20            |
| GWM-1    | 8/11/2015     | 6912.61                             | 6891.21                             | NA                                | NA                  | 21.40                 | NA                     | 26.20            |
| GWM-1    | 8/24/2015     | 6912.61                             | 6891.61                             | 6891.16                           | 21.45               | 21.00                 | 0.45                   | 26.20            |
| GWM-1    | 10/29/2015    | 6912.61                             | 6891.48                             | 6891.14                           | 21.47               | 21.13                 | 0.34                   | 26.20            |
| GWM-1    | 3/1/2016      | 6912.61                             | 6889.77                             | 6889.73                           | 22.88               | 22.84                 | 0.04                   | 26.20            |
| GWM-1    | 6/7/2016      | 6912.61                             | 6891.25                             | 6891.22                           | 21.39               | 21.36                 | 0.03                   | 26.20            |
| GWM-1    | 9/13/2016     | 6912.61                             | 6891.32                             | NA                                | NA                  | 21.29                 | NA                     | 26.20            |
| GWM-1    | 11/14/2016    | 6912.61                             | 6891.11                             | 6891.09                           | 21.52               | 21.50                 | 0.02                   | 26.20            |
| GWM-1    | 3/16/2017     | 6912.61                             | 6890.87                             | 6890.57                           | 22.04               | 21.74                 | 0.30                   | 26.20            |
| GWM-1    | 6/2/2017      | 6912.61                             | 6891.07                             | 6890.63                           | 21.98               | 21.54                 | 0.44                   | 26.20            |
| GWM-1    | 9/8/2017      | 6912.61                             | 6891.12                             | 6890.90                           | 21.71               | 21.49                 | 0.22                   | 26.20            |
| GWM-1    | 12/4/2017     | 6912.61                             | 6892.91                             | 6891.91                           | 20.70               | 19.70                 | 1.00                   | 26.20            |
| GWM-1    | 2/12/2018     | 6912.61                             | 6890.78                             | 6890.41                           | 22.20               | 21.83                 | 0.37                   | 26.20            |
| GWM-1    | 4/26/2018     | 6912.61                             | 6890.76                             | 6890.36                           | 22.25               | 21.85                 | 0.40                   | 26.38            |
| GWM-1    | 8/15/2018     | 6912.61                             | 6891.11                             | 6891.07                           | 21.54               | 21.50                 | 0.04                   | 26.42            |
| GWM-1    | 11/19/2018    | 6912.61                             | 6891.19                             | 6891.06                           | 21.55               | 21.42                 | 0.13                   | 26.20            |
| GWM-1    | 3/28/2019     | 6912.61                             | 6891.02                             | 6890.54                           | 22.07               | 21.59                 | 0.48                   | 26.20            |
| GWM-1    | 5/8/2019      | 6912.61                             | 6891.29                             | 6891.00                           | 21.61               | 21.32                 | 0.29                   | 26.20            |
| GWM-1    | 8/6/2019      | 6912.61                             | 6891.84                             | 6891.71                           | 20.90               | 20.77                 | 0.13                   | 26.42            |
| GWM-1    | 10/21/2019    | 6912.61                             | 6891.97                             | 6891.78                           | 20.83               | 20.64                 | 0.19                   | 26.20            |
| GWM-1    | 9/15/2020     | 6912.61                             | 6891.88                             | 6891.21                           | 21.40               | 20.73                 | 0.67                   | 26.65            |
| GWM-1    | 11/9/2020     | 6912.61                             | 6891.73                             | 6890.89                           | 21.72               | 20.88                 | 0.84                   | 26.65            |
| GWM-1    | 12/7/2020     | 6912.61                             | 6891.70                             | 6890.76                           | 21.85               | 20.91                 | 0.94                   | 26.45            |
| GWM-2    | 3/11/2014     | 6913.09                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 18.81            |
| GWM-2    | 6/5/2014      | 6913.09                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 18.81            |
| GWM-2    | 9/12/2014     | 6913.09                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 18.81            |
| GWM-2    | 11/11/2014    | 6913.09                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 18.81            |
| GWM-2    | 3/10/2015     | 6913.09                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 18.81            |
| GWM-2    | 6/2/2015      | 6913.09                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 18.81            |
| GWM-2    | 8/11/2015     | 6913.09                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 18.81            |
| GWM-2    | 10/29/2015    | 6913.09                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 18.81            |
| GWM-2    | 3/1/2016      | 6913.09                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 18.81            |

**APPENDIX A. FLUID LEVEL MEASUREMENTS**  
**MARATHON PETROLEUM COMPANY**  
**GALLUP REFINING DIVISION, GALLUP, NEW MEXICO**

| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| GWM-2    | 6/7/2016      | 6913.09                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 18.81            |
| GWM-2    | 9/13/2016     | 6913.09                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 18.81            |
| GWM-2    | 11/14/2016    | 6913.09                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 18.81            |
| GWM-2    | 3/16/2017     | 6913.09                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 18.81            |
| GWM-2    | 6/2/2017      | 6913.09                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 18.81            |
| GWM-2    | 9/5/2017      | 6913.09                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 18.81            |
| GWM-2    | 12/4/2017     | 6913.09                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 18.81            |
| GWM-2    | 2/12/2018     | 6913.09                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 19.05            |
| GWM-2    | 4/26/2018     | 6913.09                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 19.01            |
| GWM-2    | 8/15/2018     | 6913.09                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 19.04            |
| GWM-2    | 11/19/2018    | 6913.09                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 18.81            |
| GWM-2    | 3/28/2019     | 6913.09                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 19.09            |
| GWM-2    | 5/8/2019      | 6913.09                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 19.09            |
| GWM-2    | 8/6/2019      | 6913.09                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 19.04            |
| GWM-2    | 10/19/2019    | 6913.09                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 18.81            |
| GWM-2    | 9/15/2020     | 6913.09                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 18.08            |
| GWM-2    | 11/10/2020    | 6913.09                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 18.08            |
| GWM-2    | 12/7/2020     | 6913.09                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 18.08            |
| GWM-3    | 3/11/2014     | 6910.25                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 17.80            |
| GWM-3    | 6/5/2014      | 6910.25                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 17.80            |
| GWM-3    | 9/12/2014     | 6910.25                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 17.80            |
| GWM-3    | 11/11/2014    | 6910.25                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 17.80            |
| GWM-3    | 3/10/2015     | 6910.25                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 17.80            |
| GWM-3    | 6/2/2015      | 6910.25                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 17.80            |
| GWM-3    | 8/11/2015     | 6910.25                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 17.80            |
| GWM-3    | 10/29/2015    | 6910.25                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 17.80            |
| GWM-3    | 3/1/2016      | 6910.25                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 17.80            |
| GWM-3    | 6/7/2016      | 6910.25                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 17.80            |
| GWM-3    | 9/13/2016     | 6910.25                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 17.80            |
| GWM-3    | 11/14/2016    | 6910.25                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 17.80            |
| GWM-3    | 3/16/2017     | 6910.25                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 17.80            |
| GWM-3    | 6/2/2017      | 6910.25                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 17.80            |
| GWM-3    | 9/5/2017      | 6910.25                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 17.80            |
| GWM-3    | 12/4/2017     | 6910.25                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 17.80            |
| GWM-3    | 2/12/2018     | 6910.25                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 18.05            |
| GWM-3    | 4/26/2018     | 6910.25                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 18.02            |
| GWM-3    | 8/15/2018     | 6910.25                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 18.04            |
| GWM-3    | 11/19/2018    | 6910.25                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 17.80            |
| GWM-3    | 3/28/2019     | 6910.25                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 18.06            |
| GWM-3    | 5/8/2019      | 6910.25                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 18.06            |

**APPENDIX A. FLUID LEVEL MEASUREMENTS**  
**MARATHON PETROLEUM COMPANY**  
**GALLUP REFINING DIVISION, GALLUP, NEW MEXICO**

| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| GWM-3    | 8/6/2019      | 6910.25                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 18.04            |
| GWM-3    | 9/15/2020     | 6910.25                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 19.15            |
| GWM-3    | 10/11/2020    | 6910.25                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 19.15            |
| GWM-3    | 12/7/2020     | 6910.25                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 19.15            |
| KA-3     | 3/10/2014     | 6912.52                             | NA                                  | 6904.49                           | 8.03                | ND                    | NA                     | 23.20            |
| KA-3     | 6/5/2014      | 6912.52                             | NA                                  | 6904.57                           | 7.95                | ND                    | NA                     | 23.20            |
| KA-3     | 9/11/2014     | 6912.52                             | NA                                  | 6903.52                           | 9.00                | ND                    | NA                     | 23.20            |
| KA-3     | 11/11/2014    | 6912.52                             | NA                                  | 6904.52                           | 8.00                | ND                    | NA                     | 23.20            |
| KA-3     | 3/10/2015     | 6912.52                             | NA                                  | 6904.28                           | 8.24                | ND                    | NA                     | 23.20            |
| KA-3     | 6/2/2015      | 6912.52                             | NA                                  | 6903.93                           | 8.59                | ND                    | NA                     | 23.20            |
| KA-3     | 8/10/2015     | 6912.52                             | NA                                  | 6903.74                           | 8.78                | ND                    | NA                     | 23.20            |
| KA-3     | 10/28/2015    | 6912.52                             | NA                                  | 6904.32                           | 8.20                | ND                    | NA                     | 23.20            |
| KA-3     | 3/3/2016      | 6912.52                             | NA                                  | 6904.84                           | 7.68                | ND                    | NA                     | 23.20            |
| KA-3     | 6/6/2016      | 6912.52                             | NA                                  | 6905.10                           | 7.42                | ND                    | NA                     | 23.20            |
| KA-3     | 9/1/2016      | 6912.52                             | NA                                  | 6904.39                           | 8.13                | ND                    | NA                     | 23.20            |
| KA-3     | 11/14/2016    | 6912.52                             | NA                                  | 6904.24                           | 8.28                | ND                    | NA                     | 23.20            |
| KA-3     | 2/21/2017     | 6912.52                             | NA                                  | 6905.15                           | 7.37                | ND                    | NA                     | 23.20            |
| KA-3     | 6/1/2017      | 6912.52                             | NA                                  | 6904.30                           | 8.22                | ND                    | NA                     | 23.20            |
| KA-3     | 9/5/2017      | 6912.52                             | NA                                  | 6904.31                           | 8.21                | ND                    | NA                     | 23.20            |
| KA-3     | 12/4/2017     | 6912.52                             | NA                                  | 6904.52                           | 8.00                | ND                    | NA                     | 24.28            |
| KA-3     | 2/9/2018      | 6912.52                             | NA                                  | 6904.12                           | 8.40                | ND                    | NA                     | 24.30            |
| KA-3     | 4/26/2018     | 6912.52                             | NA                                  | 6904.02                           | 8.50                | ND                    | NA                     | 24.24            |
| KA-3     | 8/15/2018     | 6912.52                             | NA                                  | NA                                | NA                  | NA                    | NA                     | 24.24            |
| KA-3     | 11/8/2018     | 6912.52                             | NA                                  | NA                                | NA                  | NA                    | NA                     | 24.24            |
| KA-3     | 3/28/2019     | 6912.52                             | NA                                  | NA                                | NA                  | NA                    | NA                     | 24.24            |
| KA-3     | 5/28/2019     | 6912.52                             | NA                                  | 6902.57                           | 9.95                | ND                    | NA                     | 23.20            |
| KA-3     | 8/22/2019     | 6912.52                             | NA                                  | 6903.47                           | 9.05                | ND                    | NA                     | 23.20            |
| KA-3     | 10/21/2019    | 6912.52                             | NA                                  | 6903.36                           | 9.16                | ND                    | NA                     | 23.20            |
| KA-3     | 12/7/2020     | 6912.52                             | NA                                  | 6902.96                           | 9.56                | ND                    | NA                     | 23.20            |
| MKTF-01  | 1/13/2014     | 6920.67                             | 6912.77                             | 6912.33                           | 8.34                | 7.90                  | 0.44                   | 17.42            |
| MKTF-01  | 2/12/2014     | 6920.67                             | 6913.94                             | 6913.19                           | 7.48                | 6.73                  | 0.75                   | 17.42            |
| MKTF-01  | 3/11/2014     | 6920.67                             | 6914.57                             | 6914.29                           | 6.38                | 6.10                  | 0.28                   | 17.42            |
| MKTF-01  | 6/6/2014      | 6920.67                             | NA                                  | 6913.67                           | 7.00                | ND                    | NA                     | 17.42            |
| MKTF-01  | 9/15/2014     | 6920.67                             | 6913.73                             | 6913.69                           | 6.98                | 6.94                  | 0.04                   | 17.42            |
| MKTF-01  | 11/14/2014    | 6920.67                             | 6913.37                             | 6913.35                           | 7.32                | 7.30                  | 0.02                   | 17.42            |
| MKTF-01  | 3/11/2015     | 6920.67                             | NA                                  | 6914.82                           | 5.85                | ND                    | NA                     | 17.42            |
| MKTF-01  | 6/9/2015      | 6920.67                             | NA                                  | 6913.52                           | 7.15                | ND                    | NA                     | 17.42            |
| MKTF-01  | 8/21/2015     | 6920.67                             | NA                                  | 6914.44                           | 6.23                | ND                    | NA                     | 17.42            |
| MKTF-01  | 11/4/2015     | 6920.67                             | NA                                  | 6914.80                           | 5.87                | ND                    | NA                     | 17.42            |
| MKTF-01  | 2/24/2016     | 6920.67                             | NA                                  | 6914.83                           | 5.84                | ND                    | NA                     | 17.42            |

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| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| MKTF-01  | 6/10/2016     | 6920.67                             | NA                                  | 6913.65                           | 7.02                | ND                    | NA                     | 17.42            |
| MKTF-01  | 9/7/2016      | 6920.67                             | 6913.55                             | 6912.05                           | 8.62                | 7.12                  | 1.50                   | 17.42            |
| MKTF-01  | 11/4/2016     | 6920.67                             | NA                                  | 6914.80                           | 5.87                | ND                    | NA                     | 17.42            |
| MKTF-01  | 3/14/2017     | 6920.67                             | 6916.02                             | 6915.86                           | 4.81                | 4.65                  | 0.16                   | 17.42            |
| MKTF-01  | 6/7/2017      | 6920.67                             | 6915.78                             | 6915.25                           | 5.42                | 4.89                  | 0.53                   | 17.42            |
| MKTF-01  | 10/3/2017     | 6920.67                             | 6914.47                             | 6914.11                           | 6.56                | 6.20                  | 0.36                   | 17.42            |
| MKTF-01  | 11/20/2017    | 6920.67                             | 6916.05                             | 6915.72                           | 4.95                | 4.62                  | 0.33                   | 17.42            |
| MKTF-01  | 2/7/2018      | 6920.67                             | 6915.62                             | 6915.27                           | 5.40                | 5.05                  | 0.35                   | 17.42            |
| MKTF-01  | 4/25/2018     | 6920.67                             | 6914.45                             | 6914.15                           | 6.52                | 6.22                  | 0.30                   | 17.35            |
| MKTF-01  | 8/15/2018     | 6920.67                             | 6914.27                             | 6913.96                           | 6.71                | 6.40                  | 0.31                   | 17.27            |
| MKTF-01  | 11/27/2018    | 6920.67                             | 6915.17                             | 6914.80                           | 5.87                | 5.50                  | 0.37                   | 17.42            |
| MKTF-01  | 2/19/2019     | 6920.67                             | 6916.27                             | 6915.93                           | 4.74                | 4.40                  | 0.34                   | 17.42            |
| MKTF-01  | 5/6/2019      | 6920.67                             | 6916.28                             | 6915.93                           | 4.74                | 4.39                  | 0.35                   | 17.42            |
| MKTF-01  | 8/30/2019     | 6920.67                             | 6916.09                             | 6915.72                           | 4.95                | 4.58                  | 0.37                   | 17.42            |
| MKTF-01  | 11/19/2019    | 6920.67                             | 6915.53                             | 6915.22                           | 5.45                | 5.14                  | 0.31                   | 17.42            |
| MKTF-01  | 2/24/2020     | 6920.67                             | 6915.80                             | 6915.51                           | 5.16                | 4.87                  | 0.29                   | 17.42            |
| MKTF-01  | 6/26/2020     | 6920.67                             | 6915.17                             | 6914.96                           | 5.71                | 5.50                  | 0.21                   | 17.42            |
| MKTF-01  | 9/15/2020     | 6920.67                             | 6915.06                             | 6915.05                           | 5.62                | 5.61                  | 0.01                   | 17.48            |
| MKTF-01  | 11/10/2020    | 6920.67                             | 6915.06                             | 6914.78                           | 5.89                | 5.61                  | 0.28                   | 17.48            |
| MKTF-01  | 12/3/2020     | 6920.67                             | 6914.93                             | 6914.65                           | 6.02                | 5.74                  | 0.28                   | 17.43            |
| MKTF-02  | 1/13/2014     | 6917.45                             | NA                                  | 6909.96                           | 7.49                | ND                    | NA                     | 20.48            |
| MKTF-02  | 2/12/2014     | 6917.45                             | NA                                  | 6909.97                           | 7.48                | ND                    | NA                     | 20.48            |
| MKTF-02  | 3/11/2014     | 6917.45                             | NA                                  | 6910.42                           | 7.03                | ND                    | NA                     | 20.48            |
| MKTF-02  | 6/6/2014      | 6917.45                             | NA                                  | 6909.85                           | 7.60                | ND                    | NA                     | 20.48            |
| MKTF-02  | 9/15/2014     | 6917.45                             | NA                                  | 6909.04                           | 8.41                | ND                    | NA                     | 20.48            |
| MKTF-02  | 11/14/2014    | 6917.45                             | NA                                  | 6909.24                           | 8.21                | ND                    | NA                     | 20.48            |
| MKTF-02  | 3/11/2015     | 6917.45                             | NA                                  | 6910.57                           | 6.88                | ND                    | NA                     | 20.48            |
| MKTF-02  | 6/9/2015      | 6917.45                             | NA                                  | 6909.90                           | 7.55                | ND                    | NA                     | 20.48            |
| MKTF-02  | 8/21/2015     | 6917.45                             | NA                                  | 6910.15                           | 7.30                | ND                    | NA                     | 20.48            |
| MKTF-02  | 11/4/2015     | 6917.45                             | NA                                  | 6910.20                           | 7.25                | ND                    | NA                     | 20.48            |
| MKTF-02  | 2/24/2016     | 6917.45                             | NA                                  | 6910.23                           | 7.22                | ND                    | NA                     | 20.48            |
| MKTF-02  | 6/10/2016     | 6917.45                             | NA                                  | 6909.36                           | 8.09                | ND                    | NA                     | 20.48            |
| MKTF-02  | 9/7/2016      | 6917.45                             | NA                                  | 6909.17                           | 8.28                | ND                    | NA                     | 20.48            |
| MKTF-02  | 11/4/2016     | 6917.45                             | NA                                  | 6910.20                           | 7.25                | ND                    | NA                     | 20.48            |
| MKTF-02  | 3/16/2017     | 6917.45                             | NA                                  | 6910.11                           | 7.34                | ND                    | NA                     | 20.48            |
| MKTF-02  | 6/7/2017      | 6917.45                             | 6910.35                             | 6910.34                           | 7.11                | 7.10                  | 0.01                   | 20.48            |
| MKTF-02  | 10/3/2017     | 6917.45                             | NA                                  | 6910.78                           | 6.67                | ND                    | NA                     | 20.48            |
| MKTF-02  | 11/20/2017    | 6917.45                             | NA                                  | 6910.45                           | 7.00                | ND                    | NA                     | 20.35            |
| MKTF-02  | 2/6/2018      | 6917.45                             | NA                                  | 6910.01                           | 7.44                | ND                    | NA                     | 20.34            |
| MKTF-02  | 4/25/2018     | 6917.45                             | NA                                  | 6909.50                           | 7.95                | ND                    | NA                     | 20.36            |

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| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| MKTF-02  | 8/15/2018     | 6917.45                             | NA                                  | 6909.05                           | 8.40                | ND                    | NA                     | 20.43            |
| MKTF-02  | 11/27/2018    | 6917.45                             | NA                                  | 6909.05                           | 8.40                | ND                    | NA                     | 20.35            |
| MKTF-02  | 3/28/2019     | 6917.45                             | NA                                  | 6911.11                           | 6.34                | ND                    | NA                     | 20.48            |
| MKTF-02  | 5/6/2019      | 6917.45                             | NA                                  | 6911.21                           | 6.24                | ND                    | NA                     | 20.48            |
| MKTF-02  | 8/23/2019     | 6917.45                             | NA                                  | 6910.40                           | 7.05                | ND                    | NA                     | 20.43            |
| MKTF-02  | 11/19/2019    | 6917.45                             | NA                                  | 6910.31                           | 7.14                | ND                    | NA                     | 20.35            |
| MKTF-02  | 2/24/2020     | 6917.45                             | NA                                  | 6910.93                           | 6.52                | ND                    | NA                     | 20.48            |
| MKTF-02  | 6/26/2020     | 6917.45                             | NA                                  | 6909.75                           | 7.70                | ND                    | NA                     | 20.48            |
| MKTF-02  | 9/15/2020     | 6917.45                             | NA                                  | 6909.57                           | 7.88                | ND                    | NA                     | 20.54            |
| MKTF-02  | 11/10/2020    | 6917.45                             | NA                                  | 6910.02                           | 7.43                | ND                    | NA                     | 20.54            |
| MKTF-02  | 12/3/2020     | 6917.45                             | NA                                  | 6909.73                           | 7.72                | ND                    | NA                     | 20.54            |
| MKTF-03  | 1/15/2014     | 6931.69                             | 6923.59                             | 6922.29                           | 9.40                | 8.10                  | 1.30                   | 18.45            |
| MKTF-03  | 2/13/2014     | 6931.69                             | NA                                  | 6923.36                           | 8.33                | ND                    | NA                     | 18.45            |
| MKTF-03  | 3/11/2014     | 6931.69                             | 6923.54                             | 6922.62                           | 9.07                | 8.15                  | 0.92                   | 18.45            |
| MKTF-03  | 6/4/2014      | 6931.69                             | 6922.84                             | 6922.37                           | 9.32                | 8.85                  | 0.47                   | 18.45            |
| MKTF-03  | 9/15/2014     | 6931.69                             | 6922.63                             | 6922.53                           | 9.16                | 9.06                  | 0.10                   | 18.45            |
| MKTF-03  | 11/13/2014    | 6931.69                             | 6922.38                             | NA                                | NA                  | 9.31                  | NA                     | 18.45            |
| MKTF-03  | 3/17/2015     | 6931.69                             | 6923.23                             | 6922.43                           | 9.26                | 8.46                  | 0.80                   | 18.45            |
| MKTF-03  | 6/4/2015      | 6931.69                             | 6922.99                             | 6922.37                           | 9.32                | 8.70                  | 0.62                   | 18.45            |
| MKTF-03  | 8/18/2015     | 6931.69                             | 6923.60                             | 6922.78                           | 8.91                | 8.09                  | 0.82                   | 18.45            |
| MKTF-03  | 11/3/2015     | 6931.69                             | 6923.39                             | 6922.29                           | 9.40                | 8.30                  | 1.10                   | 18.45            |
| MKTF-03  | 3/17/2016     | 6931.69                             | 6923.23                             | 6922.43                           | 9.26                | 8.46                  | 0.80                   | 18.45            |
| MKTF-03  | 6/9/2016      | 6931.69                             | 6924.14                             | 6919.86                           | 11.83               | 7.55                  | 4.28                   | 18.45            |
| MKTF-03  | 9/12/2016     | 6931.69                             | 6923.77                             | 6921.37                           | 10.32               | 7.92                  | 2.40                   | 18.45            |
| MKTF-03  | 11/3/2016     | 6931.69                             | 6923.39                             | 6922.29                           | 9.40                | 8.30                  | 1.10                   | 18.45            |
| MKTF-03  | 3/2/2017      | 6931.69                             | 6925.27                             | 6924.10                           | 7.59                | 6.42                  | 1.17                   | 18.45            |
| MKTF-03  | 6/7/2017      | 6931.69                             | 6924.74                             | 6923.44                           | 8.25                | 6.95                  | 1.30                   | 18.45            |
| MKTF-03  | 9/26/2017     | 6931.69                             | 6925.34                             | 6924.54                           | 7.15                | 6.35                  | 0.80                   | 18.45            |
| MKTF-03  | 11/28/2017    | 6931.69                             | 6924.69                             | 6923.74                           | 7.95                | 7.00                  | 0.95                   | 18.45            |
| MKTF-03  | 2/8/2018      | 6931.69                             | 6924.29                             | 6923.44                           | 8.25                | 7.40                  | 0.85                   | 18.45            |
| MKTF-03  | 4/25/2018     | 6931.69                             | 6924.39                             | 6923.47                           | 8.22                | 7.30                  | 0.92                   | 18.45            |
| MKTF-03  | 8/16/2018     | 6931.69                             | 6924.39                             | 6923.44                           | 8.25                | 7.30                  | 0.95                   | 18.53            |
| MKTF-03  | 11/19/2018    | 6931.69                             | 6924.84                             | 6923.84                           | 7.85                | 6.85                  | 1.00                   | 18.45            |
| MKTF-03  | 3/25/2019     | 6931.69                             | 6927.19                             | 6926.09                           | 5.60                | 4.50                  | 1.10                   | 18.45            |
| MKTF-03  | 5/13/2019     | 6931.69                             | 6927.14                             | 6926.03                           | 5.66                | 4.55                  | 1.11                   | 18.45            |
| MKTF-03  | 8/21/2019     | 6931.69                             | 6925.65                             | 6924.42                           | 7.27                | 6.04                  | 1.23                   | 18.53            |
| MKTF-03  | 10/30/2019    | 6931.69                             | 6924.99                             | 6923.69                           | 8.00                | 6.70                  | 1.30                   | 18.45            |
| MKTF-03  | 3/5/2020      | 6931.69                             | 6925.22                             | 6923.85                           | 7.84                | 6.47                  | 1.37                   | 18.45            |
| MKTF-03  | 6/26/2020     | 6931.69                             | 6924.33                             | 6923.06                           | 8.63                | 7.36                  | 1.27                   | 18.45            |
| MKTF-03  | 9/15/2020     | 6931.69                             | 6924.61                             | 6924.60                           | 7.09                | 7.08                  | 0.01                   | 18.59            |

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| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| MKTF-03  | 11/10/2020    | 6931.69                             | 6924.56                             | 6923.26                           | 8.43                | 7.13                  | 1.30                   | 18.59            |
| MKTF-03  | 12/3/2020     | 6931.69                             | 6924.23                             | 6923.07                           | 8.62                | 7.46                  | 1.16                   | 18.58            |
| MKTF-04  | 1/15/2014     | 6933.57                             | NA                                  | 6923.29                           | 10.28               | ND                    | NA                     | 22.15            |
| MKTF-04  | 2/13/2014     | 6933.57                             | NA                                  | 6922.89                           | 10.68               | ND                    | NA                     | 22.15            |
| MKTF-04  | 3/11/2014     | 6933.57                             | NA                                  | 6923.37                           | 10.20               | ND                    | NA                     | 22.15            |
| MKTF-04  | 6/4/2014      | 6933.57                             | NA                                  | 6922.58                           | 10.99               | ND                    | NA                     | 22.15            |
| MKTF-04  | 9/15/2014     | 6933.57                             | NA                                  | 6922.48                           | 11.09               | ND                    | NA                     | 22.15            |
| MKTF-04  | 11/13/2014    | 6933.57                             | NA                                  | 6922.22                           | 11.35               | ND                    | NA                     | 22.15            |
| MKTF-04  | 3/16/2015     | 6933.57                             | NA                                  | 6923.32                           | 10.25               | ND                    | NA                     | 22.15            |
| MKTF-04  | 6/4/2015      | 6933.57                             | NA                                  | 6922.57                           | 11.00               | ND                    | NA                     | 22.15            |
| MKTF-04  | 8/18/2015     | 6933.57                             | NA                                  | 6922.93                           | 10.64               | ND                    | NA                     | 22.15            |
| MKTF-04  | 11/3/2015     | 6933.57                             | NA                                  | 6929.34                           | 4.23                | ND                    | NA                     | 22.15            |
| MKTF-04  | 2/29/2016     | 6933.57                             | NA                                  | 6922.89                           | 10.68               | ND                    | NA                     | 22.15            |
| MKTF-04  | 6/9/2016      | 6933.57                             | NA                                  | 6923.27                           | 10.30               | ND                    | NA                     | 22.15            |
| MKTF-04  | 9/11/2016     | 6933.57                             | NA                                  | 6923.34                           | 10.23               | ND                    | NA                     | 22.15            |
| MKTF-04  | 11/3/2016     | 6933.57                             | NA                                  | 6923.17                           | 10.40               | ND                    | NA                     | 22.15            |
| MKTF-04  | 3/2/2017      | 6933.57                             | NA                                  | 6925.26                           | 8.31                | ND                    | NA                     | 22.15            |
| MKTF-04  | 6/7/2017      | 6933.57                             | NA                                  | 6924.29                           | 9.28                | ND                    | NA                     | 22.15            |
| MKTF-04  | 9/26/2017     | 6933.57                             | NA                                  | 6924.77                           | 8.80                | ND                    | NA                     | 22.15            |
| MKTF-04  | 11/29/2017    | 6933.57                             | NA                                  | 6924.27                           | 9.30                | ND                    | NA                     | 22.30            |
| MKTF-04  | 2/14/2018     | 6933.57                             | NA                                  | 6923.72                           | 9.85                | ND                    | NA                     | 22.37            |
| MKTF-04  | 4/25/2018     | 6933.57                             | NA                                  | 6923.87                           | 9.70                | ND                    | NA                     | 22.29            |
| MKTF-04  | 8/16/2018     | 6933.57                             | NA                                  | 6923.87                           | 9.70                | ND                    | NA                     | 22.39            |
| MKTF-04  | 11/19/2018    | 6933.57                             | NA                                  | 6925.18                           | 8.39                | ND                    | NA                     | 22.30            |
| MKTF-04  | 3/25/2019     | 6933.57                             | NA                                  | 6927.12                           | 6.45                | ND                    | NA                     | 22.15            |
| MKTF-04  | 5/13/2019     | 6933.57                             | NA                                  | 6927.02                           | 6.55                | ND                    | NA                     | 22.15            |
| MKTF-04  | 8/21/2019     | 6933.57                             | NA                                  | 6925.30                           | 8.27                | ND                    | NA                     | 22.39            |
| MKTF-04  | 10/30/2019    | 6933.57                             | NA                                  | 6924.64                           | 8.93                | ND                    | NA                     | 22.30            |
| MKTF-04  | 3/2/2020      | 6933.57                             | NA                                  | 6925.10                           | 8.47                | ND                    | NA                     | 22.21            |
| MKTF-04  | 6/26/2020     | 6933.57                             | NA                                  | 6923.82                           | 9.75                | ND                    | NA                     | 22.15            |
| MKTF-04  | 9/15/2020     | 6933.57                             | 6924.18                             | 6924.17                           | 9.40                | 9.39                  | 0.01                   | 22.72            |
| MKTF-04  | 11/10/2020    | 6933.57                             | NA                                  | 6924.37                           | 9.20                | ND                    | NA                     | 22.72            |
| MKTF-04  | 12/3/2020     | 6933.57                             | 6923.87                             | 6923.86                           | 9.71                | 9.70                  | 0.01                   | 22.72            |
| MKTF-05  | 1/13/2014     | 6942.22                             | 6927.18                             | 6927.12                           | 15.10               | 15.04                 | 0.06                   | 17.75            |
| MKTF-05  | 2/13/2014     | 6942.22                             | 6926.89                             | 6926.85                           | 15.37               | 15.33                 | 0.04                   | 17.75            |
| MKTF-05  | 3/11/2014     | 6942.22                             | NA                                  | 6926.99                           | 15.23               | ND                    | NA                     | 17.75            |
| MKTF-05  | 6/4/2014      | 6942.22                             | 6926.62                             | 6926.57                           | 15.65               | 15.60                 | 0.05                   | 17.75            |
| MKTF-05  | 9/15/2014     | 6942.22                             | 6926.92                             | 6926.56                           | 15.66               | 15.30                 | 0.36                   | 17.75            |
| MKTF-05  | 11/13/2014    | 6942.22                             | 6926.43                             | 6926.05                           | 16.17               | 15.79                 | 0.38                   | 17.75            |
| MKTF-05  | 3/16/2015     | 6942.22                             | 6926.50                             | 6926.14                           | 16.08               | 15.72                 | 0.36                   | 17.75            |

**APPENDIX A. FLUID LEVEL MEASUREMENTS**  
**MARATHON PETROLEUM COMPANY**  
**GALLUP REFINING DIVISION, GALLUP, NEW MEXICO**

| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| MKTF-05  | 6/4/2015      | 6942.22                             | 6926.45                             | 6925.82                           | 16.40               | 15.77                 | 0.63                   | 17.75            |
| MKTF-05  | 8/18/2015     | 6942.22                             | 6926.78                             | 6926.59                           | 15.63               | 15.44                 | 0.19                   | 17.75            |
| MKTF-05  | 11/3/2015     | 6942.22                             | 6926.75                             | 6925.91                           | 16.31               | 15.47                 | 0.84                   | 17.75            |
| MKTF-05  | 3/16/2016     | 6942.22                             | 6926.50                             | 6926.14                           | 16.08               | 15.72                 | 0.36                   | 17.75            |
| MKTF-05  | 6/9/2016      | 6942.22                             | 6926.88                             | 6926.35                           | 15.87               | 15.34                 | 0.53                   | 17.75            |
| MKTF-05  | 9/11/2016     | 6942.22                             | 6927.48                             | 6924.44                           | 17.78               | 14.74                 | 3.04                   | 17.75            |
| MKTF-05  | 11/3/2016     | 6942.22                             | 6926.75                             | 6925.91                           | 16.31               | 15.47                 | 0.84                   | 17.75            |
| MKTF-05  | 3/2/2017      | 6942.22                             | 6928.89                             | 6928.60                           | 13.62               | 13.33                 | 0.29                   | 17.75            |
| MKTF-05  | 6/7/2017      | 6942.22                             | 6928.43                             | 6927.97                           | 14.25               | 13.79                 | 0.46                   | 17.75            |
| MKTF-05  | 9/26/2017     | 6942.22                             | 6929.21                             | 6928.72                           | 13.50               | 13.01                 | 0.49                   | 17.75            |
| MKTF-05  | 11/28/2017    | 6942.22                             | 6928.24                             | 6927.47                           | 14.75               | 13.98                 | 0.77                   | 17.75            |
| MKTF-05  | 2/8/2018      | 6942.22                             | 6927.44                             | 6927.02                           | 15.20               | 14.78                 | 0.42                   | 17.75            |
| MKTF-05  | 4/25/2018     | 6942.22                             | 6927.26                             | 6927.03                           | 15.19               | 14.96                 | 0.23                   | 17.70            |
| MKTF-05  | 8/16/2018     | 6942.22                             | 6927.61                             | 6927.42                           | 14.80               | 14.61                 | 0.19                   | 17.75            |
| MKTF-05  | 11/19/2018    | 6942.22                             | 6927.60                             | 6927.39                           | 14.83               | 14.62                 | 0.21                   | 17.75            |
| MKTF-05  | 2/19/2019     | 6942.22                             | 6928.35                             | 6928.25                           | 13.97               | 13.87                 | 0.10                   | 17.75            |
| MKTF-05  | 5/13/2019     | 6942.22                             | 6929.27                             | 6929.10                           | 13.12               | 12.95                 | 0.17                   | 17.75            |
| MKTF-05  | 8/30/2019     | 6942.22                             | 6928.82                             | 6928.62                           | 13.60               | 13.40                 | 0.20                   | 17.75            |
| MKTF-05  | 10/30/2019    | 6942.22                             | 6928.32                             | 6928.02                           | 14.20               | 13.90                 | 0.30                   | 17.75            |
| MKTF-05  | 11/12/2019    | 6942.22                             | 6930.58                             | 6925.49                           | 16.73               | 11.64                 | 5.09                   | 17.75            |
| MKTF-05  | 11/13/2019    | 6942.22                             | 6931.26                             | 6925.07                           | 17.15               | 10.96                 | 6.19                   | 17.75            |
| MKTF-05  | 11/14/2019    | 6942.22                             | 6931.44                             | 6925.05                           | 17.17               | 10.78                 | 6.39                   | 17.75            |
| MKTF-05  | 11/15/2019    | 6942.22                             | 6931.68                             | 6925.06                           | 17.16               | 10.54                 | 6.62                   | 17.75            |
| MKTF-05  | 11/19/2019    | 6942.22                             | 6932.18                             | 6925.04                           | 17.18               | 10.04                 | 7.14                   | 17.75            |
| MKTF-05  | 11/21/2019    | 6942.22                             | 6932.25                             | 6925.04                           | 17.18               | 9.97                  | 7.21                   | 17.75            |
| MKTF-05  | 12/2/2019     | 6942.22                             | 6931.58                             | 6925.05                           | 17.17               | 10.64                 | 6.53                   | 17.75            |
| MKTF-05  | 3/5/2020      | 6942.22                             | 6928.64                             | 6928.50                           | 13.72               | 13.58                 | 0.14                   | 17.75            |
| MKTF-05  | 6/25/2020     | 6942.22                             | 6928.16                             | 6927.42                           | 14.80               | 14.06                 | 0.74                   | 17.75            |
| MKTF-05  | 9/15/2020     | 6942.22                             | 6928.57                             | 6927.54                           | 14.68               | 13.65                 | 1.03                   | 17.83            |
| MKTF-05  | 11/10/2020    | 6942.22                             | 6928.20                             | 6927.32                           | 14.90               | 14.02                 | 0.88                   | 17.83            |
| MKTF-05  | 12/3/2020     | 6942.22                             | 6928.10                             | 6927.29                           | 14.93               | 14.12                 | 0.81                   | 17.80            |
| MKTF-06  | 1/13/2014     | 6946.81                             | 6928.67                             | 6928.50                           | 18.31               | 18.14                 | 0.17                   | 23.77            |
| MKTF-06  | 2/13/2014     | 6946.81                             | 6928.47                             | 6928.04                           | 18.77               | 18.34                 | 0.43                   | 23.77            |
| MKTF-06  | 3/11/2014     | 6946.81                             | 6928.61                             | 6927.86                           | 18.95               | 18.20                 | 0.75                   | 23.77            |
| MKTF-06  | 6/6/2014      | 6946.81                             | NA                                  | 6932.81                           | 14.00               | NA                    | NA                     | 23.77            |
| MKTF-06  | 9/15/2014     | 6946.81                             | 6928.66                             | 6927.91                           | 18.90               | 18.15                 | 0.75                   | 23.77            |
| MKTF-06  | 11/14/2014    | 6946.81                             | 6928.23                             | NA                                | NA                  | 18.58                 | NA                     | 23.77            |
| MKTF-06  | 3/16/2015     | 6946.81                             | 6928.57                             | 6926.87                           | 19.94               | 18.24                 | 1.70                   | 23.77            |
| MKTF-06  | 6/4/2015      | 6946.81                             | 6928.25                             | 6927.41                           | 19.40               | 18.56                 | 0.84                   | 23.77            |
| MKTF-06  | 8/15/2015     | 6946.81                             | 6929.28                             | 6928.42                           | 18.39               | 17.53                 | 0.86                   | 23.77            |

**APPENDIX A. FLUID LEVEL MEASUREMENTS**  
**MARATHON PETROLEUM COMPANY**  
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| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| MKTF-06  | 11/3/2015     | 6946.81                             | 6928.77                             | 6928.03                           | 18.78               | 18.04                 | 0.74                   | 23.77            |
| MKTF-06  | 3/16/2016     | 6946.81                             | 6928.57                             | 6926.87                           | 19.94               | 18.24                 | 1.70                   | 23.77            |
| MKTF-06  | 6/9/2016      | 6946.81                             | 6928.79                             | 6927.85                           | 18.96               | 18.02                 | 0.94                   | 23.77            |
| MKTF-06  | 9/11/2016     | 6946.81                             | 6929.41                             | 6928.33                           | 18.48               | 17.40                 | 1.08                   | 23.77            |
| MKTF-06  | 11/3/2016     | 6946.81                             | 6928.77                             | 6928.03                           | 18.78               | 18.04                 | 0.74                   | 23.77            |
| MKTF-06  | 3/15/2017     | 6946.81                             | 6930.86                             | 6930.76                           | 16.05               | 15.95                 | 0.10                   | 23.77            |
| MKTF-06  | 6/12/2017     | 6946.81                             | 6930.21                             | 6929.57                           | 17.24               | 16.60                 | 0.64                   | 23.77            |
| MKTF-06  | 9/26/2017     | 6946.81                             | 6930.80                             | 6930.09                           | 16.72               | 16.01                 | 0.71                   | 23.77            |
| MKTF-06  | 11/28/2017    | 6946.81                             | 6930.26                             | 6929.11                           | 17.70               | 16.55                 | 1.15                   | 23.77            |
| MKTF-06  | 2/8/2018      | 6946.81                             | 6929.67                             | 6928.29                           | 18.52               | 17.14                 | 1.38                   | 23.77            |
| MKTF-06  | 4/25/2018     | 6946.81                             | 6929.52                             | 6928.20                           | 18.61               | 17.29                 | 1.32                   | 23.72            |
| MKTF-06  | 8/16/2018     | 6946.81                             | 6929.98                             | 6928.81                           | 18.00               | 16.83                 | 1.17                   | 23.79            |
| MKTF-06  | 11/19/2018    | 6946.81                             | 6929.96                             | 6928.80                           | 18.01               | 16.85                 | 1.16                   | 23.77            |
| MKTF-06  | 2/19/2019     | 6946.81                             | 6931.02                             | 6930.26                           | 16.55               | 15.79                 | 0.76                   | 23.77            |
| MKTF-06  | 5/13/2019     | 6946.81                             | 6931.26                             | 6930.42                           | 16.39               | 15.55                 | 0.84                   | 23.77            |
| MKTF-06  | 8/30/2019     | 6946.81                             | 6930.99                             | 6930.21                           | 16.60               | 15.82                 | 0.78                   | 23.79            |
| MKTF-06  | 10/30/2019    | 6946.81                             | 6930.01                             | 6928.90                           | 17.91               | 16.80                 | 1.11                   | 23.77            |
| MKTF-06  | 11/12/2019    | 6946.81                             | 6930.29                             | 6929.33                           | 17.48               | 16.52                 | 0.96                   | 23.77            |
| MKTF-06  | 11/13/2019    | 6946.81                             | 6930.48                             | 6929.63                           | 17.18               | 16.33                 | 0.85                   | 23.77            |
| MKTF-06  | 11/14/2019    | 6946.81                             | 6930.39                             | 6929.50                           | 17.31               | 16.42                 | 0.89                   | 23.77            |
| MKTF-06  | 11/15/2019    | 6946.81                             | 6930.46                             | 6929.61                           | 17.20               | 16.35                 | 0.85                   | 23.77            |
| MKTF-06  | 11/19/2019    | 6946.81                             | 6930.73                             | 6929.98                           | 16.83               | 16.08                 | 0.75                   | 23.77            |
| MKTF-06  | 11/21/2019    | 6946.81                             | 6930.88                             | 6929.57                           | 17.24               | 15.93                 | 1.31                   | 23.77            |
| MKTF-06  | 12/2/2019     | 6946.81                             | 6932.06                             | 6925.45                           | 21.36               | 14.75                 | 6.61                   | 23.77            |
| MKTF-06  | 3/5/2020      | 6946.81                             | 6929.92                             | 6928.21                           | 18.60               | 16.89                 | 1.71                   | 23.77            |
| MKTF-06  | 6/25/2020     | 6946.81                             | 6932.76                             | 6927.91                           | 18.90               | 14.05                 | 4.85                   | 23.77            |
| MKTF-06  | 9/15/2020     | 6946.81                             | 6930.03                             | 6928.10                           | 18.71               | 16.78                 | 1.93                   | 23.79            |
| MKTF-06  | 11/10/2020    | 6946.81                             | 6929.61                             | 6928.22                           | 18.59               | 17.20                 | 1.39                   | 23.79            |
| MKTF-06  | 12/3/2020     | 6946.81                             | 6929.43                             | 6928.32                           | 18.49               | 17.38                 | 1.11                   | 23.79            |
| MKTF-07  | 1/13/2014     | 6947.18                             | 6935.27                             | 6934.17                           | 13.01               | 11.91                 | 1.10                   | 17.62            |
| MKTF-07  | 2/13/2014     | 6947.18                             | 6935.30                             | 6934.18                           | 13.00               | 11.88                 | 1.12                   | 17.62            |
| MKTF-07  | 3/11/2014     | 6947.18                             | 6935.48                             | 6934.33                           | 12.85               | 11.70                 | 1.15                   | 17.62            |
| MKTF-07  | 6/6/2014      | 6947.18                             | NA                                  | 6934.08                           | 13.10               | NA                    | NA                     | 17.62            |
| MKTF-07  | 9/15/2014     | 6947.18                             | 6935.18                             | 6933.58                           | 13.60               | 12.00                 | 1.60                   | 17.62            |
| MKTF-07  | 11/14/2014    | 6947.18                             | 6933.86                             | NA                                | NA                  | 13.32                 | NA                     | 17.62            |
| MKTF-07  | 3/16/2015     | 6947.18                             | 6934.08                             | 6932.95                           | 14.23               | 13.10                 | 1.13                   | 17.62            |
| MKTF-07  | 6/4/2015      | 6947.18                             | 6934.23                             | 6932.58                           | 14.60               | 12.95                 | 1.65                   | 17.62            |
| MKTF-07  | 8/18/2015     | 6947.18                             | 6934.47                             | 6933.34                           | 13.84               | 12.71                 | 1.13                   | 17.62            |
| MKTF-07  | 11/3/2015     | 6947.18                             | 6934.28                             | 6932.30                           | 14.88               | 12.90                 | 1.98                   | 17.62            |
| MKTF-07  | 3/16/2016     | 6947.18                             | 6934.08                             | 6932.95                           | 14.23               | 13.10                 | 1.13                   | 17.62            |

**APPENDIX A. FLUID LEVEL MEASUREMENTS**  
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| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| MKTF-07  | 6/9/2016      | 6947.18                             | 6935.17                             | 6932.58                           | 14.60               | 12.01                 | 2.59                   | 17.62            |
| MKTF-07  | 9/11/2016     | 6947.18                             | 6934.98                             | 6932.57                           | 14.61               | 12.20                 | 2.41                   | 17.62            |
| MKTF-07  | 11/3/2016     | 6947.18                             | 6934.28                             | 6932.30                           | 14.88               | 12.90                 | 1.98                   | 17.62            |
| MKTF-07  | 3/15/2017     | 6947.18                             | 6936.55                             | 6934.58                           | 12.60               | 10.63                 | 1.97                   | 17.62            |
| MKTF-07  | 6/12/2017     | 6947.18                             | 6936.98                             | 6935.68                           | 11.50               | 10.20                 | 1.30                   | 17.62            |
| MKTF-07  | 9/26/2017     | 6947.18                             | 6937.38                             | 6936.08                           | 11.10               | 9.80                  | 1.30                   | 17.62            |
| MKTF-07  | 11/28/2017    | 6947.18                             | 6936.78                             | 6935.38                           | 11.80               | 10.40                 | 1.40                   | 17.62            |
| MKTF-07  | 2/8/2018      | 6947.18                             | 6935.85                             | 6934.63                           | 12.55               | 11.33                 | 1.22                   | 17.62            |
| MKTF-07  | 4/25/2018     | 6947.18                             | 6936.34                             | 6935.16                           | 12.02               | 10.84                 | 1.18                   | 17.58            |
| MKTF-07  | 8/16/2018     | 6947.18                             | 6935.76                             | 6934.68                           | 12.50               | 11.42                 | 1.08                   | 17.47            |
| MKTF-07  | 11/27/2018    | 6947.18                             | 6934.83                             | 6933.66                           | 13.52               | 12.35                 | 1.17                   | 17.62            |
| MKTF-07  | 2/19/2019     | 6947.18                             | 6936.79                             | 6935.58                           | 11.60               | 10.39                 | 1.21                   | 17.62            |
| MKTF-07  | 5/13/2019     | 6947.18                             | 6936.46                             | 6936.36                           | 10.82               | 10.72                 | 0.10                   | 17.62            |
| MKTF-07  | 8/30/2019     | 6947.18                             | 6936.00                             | 6934.89                           | 12.29               | 11.18                 | 1.11                   | 17.47            |
| MKTF-07  | 10/30/2019    | 6947.18                             | 6934.98                             | 6933.79                           | 13.39               | 12.20                 | 1.19                   | 17.62            |
| MKTF-07  | 11/12/2019    | 6947.18                             | 6935.15                             | 6933.99                           | 13.19               | 12.03                 | 1.16                   | 17.62            |
| MKTF-07  | 11/13/2019    | 6947.18                             | 6935.37                             | 6934.29                           | 12.89               | 11.81                 | 1.08                   | 17.62            |
| MKTF-07  | 11/14/2019    | 6947.18                             | 6935.20                             | 6934.04                           | 13.14               | 11.98                 | 1.16                   | 17.62            |
| MKTF-07  | 11/15/2019    | 6947.18                             | 6935.18                             | 6934.02                           | 13.16               | 12.00                 | 1.16                   | 17.62            |
| MKTF-07  | 11/19/2019    | 6947.18                             | 6935.78                             | 6933.01                           | 14.17               | 11.40                 | 2.77                   | 17.62            |
| MKTF-07  | 11/21/2019    | 6947.18                             | 6936.35                             | 6930.63                           | 16.55               | 10.83                 | 5.72                   | 17.62            |
| MKTF-07  | 12/2/2019     | 6947.18                             | 6935.80                             | 6930.06                           | 17.12               | 11.38                 | 5.74                   | 17.62            |
| MKTF-07  | 3/5/2020      | 6947.18                             | 6934.68                             | 6933.46                           | 13.72               | 12.50                 | 1.22                   | 17.62            |
| MKTF-07  | 6/25/2020     | 6947.18                             | 6934.95                             | 6933.42                           | 13.76               | 12.23                 | 1.53                   | 17.62            |
| MKTF-07  | 9/18/2020     | 6947.18                             | 6935.76                             | 6933.41                           | 13.77               | 11.42                 | 2.35                   | 17.43            |
| MKTF-07  | 11/10/2020    | 6947.18                             | 6934.62                             | 6933.42                           | 13.76               | 12.56                 | 1.20                   | 17.43            |
| MKTF-07  | 12/3/2020     | 6947.18                             | 6934.25                             | 6933.38                           | 13.80               | 12.93                 | 0.87                   | 17.66            |
| MKTF-08  | 1/13/2014     | 6947.09                             | 6932.89                             | 6932.47                           | 14.62               | 14.20                 | 0.42                   | 21.98            |
| MKTF-08  | 2/13/2014     | 6947.09                             | 6932.84                             | 6932.40                           | 14.69               | 14.25                 | 0.44                   | 21.98            |
| MKTF-08  | 3/11/2014     | 6947.09                             | 6932.88                             | 6932.44                           | 14.65               | 14.21                 | 0.44                   | 21.98            |
| MKTF-08  | 6/6/2014      | 6947.09                             | 6932.79                             | 6932.09                           | 15.00               | 14.30                 | 0.70                   | 21.98            |
| MKTF-08  | 9/15/2014     | 6947.09                             | 6932.73                             | 6932.04                           | 15.05               | 14.36                 | 0.69                   | 21.98            |
| MKTF-08  | 11/14/2014    | 6947.09                             | 6932.21                             | NA                                | NA                  | 14.88                 | NA                     | 21.98            |
| MKTF-08  | 3/16/2015     | 6947.09                             | 6932.84                             | 6932.59                           | 14.50               | 14.25                 | 0.25                   | 21.98            |
| MKTF-08  | 6/4/2015      | 6947.09                             | 6932.74                             | 6932.18                           | 14.91               | 14.35                 | 0.56                   | 21.98            |
| MKTF-08  | 8/18/2015     | 6947.09                             | 6933.30                             | 6932.34                           | 14.75               | 13.79                 | 0.96                   | 21.98            |
| MKTF-08  | 11/8/2015     | 6947.09                             | 6933.25                             | 6931.77                           | 15.32               | 13.84                 | 1.48                   | 21.98            |
| MKTF-08  | 3/16/2016     | 6947.09                             | 6932.84                             | 6932.59                           | 14.50               | 14.25                 | 0.25                   | 21.98            |
| MKTF-08  | 6/9/2016      | 6947.09                             | 6933.61                             | 6932.91                           | 14.18               | 13.48                 | 0.70                   | 21.98            |
| MKTF-08  | 9/11/2016     | 6947.09                             | 6933.46                             | 6932.80                           | 14.29               | 13.63                 | 0.66                   | 21.98            |

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| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| MKTF-08  | 11/8/2016     | 6947.09                             | 6933.25                             | 6931.77                           | 15.32               | 13.84                 | 1.48                   | 21.98            |
| MKTF-08  | 3/15/2017     | 6947.09                             | 6935.10                             | 6934.49                           | 12.60               | 11.99                 | 0.61                   | 21.98            |
| MKTF-08  | 6/12/2017     | 6947.09                             | 6935.11                             | 6934.69                           | 12.40               | 11.98                 | 0.42                   | 21.98            |
| MKTF-08  | 9/26/2017     | 6947.09                             | 6934.94                             | 6934.49                           | 12.60               | 12.15                 | 0.45                   | 21.98            |
| MKTF-08  | 11/28/2017    | 6947.09                             | 6934.41                             | 6933.89                           | 13.20               | 12.68                 | 0.52                   | 21.98            |
| MKTF-08  | 2/8/2018      | 6947.09                             | 6933.80                             | 6933.46                           | 13.63               | 13.29                 | 0.34                   | 21.98            |
| MKTF-08  | 4/25/2018     | 6947.09                             | 6934.09                             | 6933.76                           | 13.33               | 13.00                 | 0.33                   | 21.94            |
| MKTF-08  | 8/16/2018     | 6947.09                             | 6934.13                             | 6933.74                           | 13.35               | 12.96                 | 0.39                   | 21.98            |
| MKTF-08  | 11/27/2018    | 6947.09                             | 6933.68                             | 6933.29                           | 13.80               | 13.41                 | 0.39                   | 21.98            |
| MKTF-08  | 2/19/2019     | 6947.09                             | 6935.74                             | 6935.09                           | 12.00               | 11.35                 | 0.65                   | 21.98            |
| MKTF-08  | 5/13/2019     | 6947.09                             | 6935.14                             | 6934.66                           | 12.43               | 11.95                 | 0.48                   | 21.98            |
| MKTF-08  | 8/30/2019     | 6947.09                             | 6934.59                             | 6934.19                           | 12.90               | 12.50                 | 0.40                   | 21.98            |
| MKTF-08  | 10/30/2019    | 6947.09                             | 6933.55                             | 6933.10                           | 13.99               | 13.54                 | 0.45                   | 21.98            |
| MKTF-08  | 11/21/2019    | 6947.09                             | 6933.62                             | 6933.24                           | 13.85               | 13.47                 | 0.38                   | 21.98            |
| MKTF-08  | 12/2/2019     | 6947.09                             | 6933.37                             | 6932.96                           | 14.13               | 13.72                 | 0.41                   | 21.98            |
| MKTF-08  | 3/5/2020      | 6947.09                             | 6933.06                             | 6932.72                           | 14.37               | 14.03                 | 0.34                   | 21.98            |
| MKTF-08  | 6/25/2020     | 6947.09                             | 6933.09                             | 6932.69                           | 14.40               | 14.00                 | 0.40                   | 21.98            |
| MKTF-08  | 9/18/2020     | 6947.09                             | 6933.33                             | 6932.94                           | 14.15               | 13.76                 | 0.39                   | 22.00            |
| MKTF-08  | 11/10/2020    | 6947.09                             | 6932.86                             | 6932.40                           | 14.69               | 14.23                 | 0.46                   | 22.00            |
| MKTF-08  | 12/3/2020     | 6947.09                             | 6932.73                             | 6932.33                           | 14.76               | 14.36                 | 0.40                   | 22.01            |
| MKTF-09  | 1/13/2014     | 6946.50                             | NA                                  | 6931.72                           | 14.78               | ND                    | NA                     | 22.70            |
| MKTF-09  | 2/13/2014     | 6946.50                             | NA                                  | 6931.68                           | 14.82               | ND                    | NA                     | 22.70            |
| MKTF-09  | 3/11/2014     | 6946.50                             | NA                                  | 6931.70                           | 14.80               | ND                    | NA                     | 22.70            |
| MKTF-09  | 6/5/2014      | 6946.50                             | NA                                  | 6931.60                           | 14.90               | ND                    | NA                     | 22.70            |
| MKTF-09  | 9/15/2014     | 6946.50                             | NA                                  | 6931.61                           | 14.89               | ND                    | NA                     | 22.70            |
| MKTF-09  | 11/14/2014    | 6946.50                             | NA                                  | 6931.29                           | 15.21               | ND                    | NA                     | 22.70            |
| MKTF-09  | 3/16/2015     | 6946.50                             | NA                                  | 6932.02                           | 14.48               | ND                    | NA                     | 22.70            |
| MKTF-09  | 6/4/2015      | 6946.50                             | NA                                  | 6931.82                           | 14.68               | ND                    | NA                     | 22.70            |
| MKTF-09  | 8/18/2015     | 6946.50                             | NA                                  | 6932.01                           | 14.49               | ND                    | NA                     | 22.70            |
| MKTF-09  | 11/3/2015     | 6946.50                             | NA                                  | 6932.21                           | 14.29               | ND                    | NA                     | 22.70            |
| MKTF-09  | 2/29/2016     | 6946.50                             | NA                                  | 6932.35                           | 14.15               | ND                    | NA                     | 22.70            |
| MKTF-09  | 6/9/2016      | 6946.50                             | NA                                  | 6932.58                           | 13.92               | ND                    | NA                     | 22.70            |
| MKTF-09  | 9/11/2016     | 6946.50                             | NA                                  | 6932.30                           | 14.20               | ND                    | NA                     | 22.70            |
| MKTF-09  | 11/3/2016     | 6946.50                             | NA                                  | 6932.21                           | 14.29               | ND                    | NA                     | 22.70            |
| MKTF-09  | 3/15/2017     | 6946.50                             | NA                                  | 6933.86                           | 12.64               | ND                    | NA                     | 22.70            |
| MKTF-09  | 6/12/2017     | 6946.50                             | NA                                  | 6933.86                           | 12.64               | ND                    | NA                     | 22.70            |
| MKTF-09  | 9/28/2017     | 6946.50                             | NA                                  | 6933.81                           | 12.69               | ND                    | NA                     | 22.70            |
| MKTF-09  | 11/29/2017    | 6946.50                             | NA                                  | 6933.35                           | 13.15               | ND                    | NA                     | 22.75            |
| MKTF-09  | 2/14/2018     | 6946.50                             | NA                                  | 6932.74                           | 13.76               | ND                    | NA                     | 22.74            |
| MKTF-09  | 4/25/2018     | 6946.50                             | NA                                  | 6933.08                           | 13.42               | ND                    | NA                     | 22.69            |

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| <b>Location</b> | <b>Date<br/>Measured</b> | <b>Measuring<br/>Point<br/>Elevation<br/>(ft amsl)</b> | <b>Product<br/>Surface<br/>Elevation<br/>(ft amsl)</b> | <b>Water<br/>Surface<br/>Elevation<br/>(ft amsl)</b> | <b>Depth To<br/>Water<br/>(ft)</b> | <b>Depth To<br/>Product<br/>(ft)</b> | <b>Product<br/>Thickness<br/>(ft)</b> | <b>Total<br/>Depth<br/>(ft)</b> |
|-----------------|--------------------------|--|--|--|------------------------------------|--------------------------------------|---------------------------------------|---------------------------------|
| MKTF-09         | 8/16/2018                | 6946.50  | NA   | 6933.01  | 13.49                              | ND                                   | NA                                    | 22.74                           |
| MKTF-09         | 11/27/2018               | 6946.50  | NA   | 6932.69  | 13.81                              | ND                                   | NA                                    | 22.75                           |
| MKTF-09         | 3/25/2019                | 6946.50  | NA   | 6935.40  | 11.10                              | ND                                   | NA                                    | 22.70                           |
| MKTF-09         | 5/13/2019                | 6946.50  | NA   | 6934.23  | 12.27                              | ND                                   | NA                                    | 22.70                           |
| MKTF-09         | 8/28/2019                | 6946.50  | NA   | 6933.22  | 13.28                              | ND                                   | NA                                    | 22.74                           |
| MKTF-09         | 11/18/2019               | 6946.50  | NA   | 6932.53  | 13.97                              | ND                                   | NA                                    | 22.75                           |
| MKTF-09         | 3/2/2020                 | 6946.50  | NA   | 6932.27  | 14.23                              | ND                                   | NA                                    | 22.76                           |
| MKTF-09         | 6/25/2020                | 6946.50  | NA   | 6931.95  | 14.55                              | ND                                   | NA                                    | 22.77                           |
| MKTF-09         | 9/18/2020                | 6946.50  | 6932.31  | 6932.30  | 14.20                              | 14.19                                | 0.01                                  | 22.41                           |
| MKTF-09         | 11/10/2020               | 6946.50  | 6931.89  | 6931.88  | 14.62                              | 14.61                                | 0.01                                  | 22.41                           |
| MKTF-09         | 12/3/2020                | 6946.50  | 6931.75  | 6931.74  | 14.76                              | 14.75                                | 0.01                                  | 22.78                           |
| MKTF-10         | 1/13/2014                | 6937.16  | NA   | 6928.41  | 8.75                               | ND                                   | NA                                    | 15.99                           |
| MKTF-10         | 2/13/2014                | 6937.16  | NA   | 6928.27  | 8.89                               | ND                                   | NA                                    | 15.99                           |
| MKTF-10         | 3/11/2014                | 6937.16  | NA   | 6928.28  | 8.88                               | ND                                   | NA                                    | 15.99                           |
| MKTF-10         | 6/5/2014                 | 6937.16  | NA   | 6928.26  | 8.90                               | ND                                   | NA                                    | 15.99                           |
| MKTF-10         | 9/15/2014                | 6937.16  | NA   | 6928.17  | 8.99                               | ND                                   | NA                                    | 15.99                           |
| MKTF-10         | 11/14/2014               | 6937.16  | NA   | 6927.11  | 10.05                              | ND                                   | NA                                    | 15.99                           |
| MKTF-10         | 3/16/2015                | 6937.16  | NA   | 6928.20  | 8.96                               | ND                                   | NA                                    | 15.99                           |
| MKTF-10         | 6/4/2015                 | 6937.16  | NA   | 6928.34  | 8.82                               | ND                                   | NA                                    | 15.99                           |
| MKTF-10         | 8/18/2015                | 6937.16  | NA   | 6928.44  | 8.72                               | ND                                   | NA                                    | 15.99                           |
| MKTF-10         | 11/3/2015                | 6937.16  | NA   | 6928.32  | 8.84                               | ND                                   | NA                                    | 15.99                           |
| MKTF-10         | 2/29/2016                | 6937.16  | NA   | 6928.56  | 8.60                               | ND                                   | NA                                    | 15.99                           |
| MKTF-10         | 6/9/2016                 | 6937.16  | NA   | 6928.96  | 8.20                               | ND                                   | NA                                    | 15.99                           |
| MKTF-10         | 9/11/2016                | 6937.16  | NA   | 6928.71  | 8.45                               | ND                                   | NA                                    | 15.99                           |
| MKTF-10         | 11/3/2016                | 6937.16  | NA   | 6928.32  | 8.84                               | ND                                   | NA                                    | 15.99                           |
| MKTF-10         | 3/2/2017                 | 6937.16  | NA   | 6929.69  | 7.47                               | ND                                   | NA                                    | 15.99                           |
| MKTF-10         | 6/7/2017                 | 6937.16  | NA   | 6930.14  | 7.02                               | ND                                   | NA                                    | 15.99                           |
| MKTF-10         | 9/27/2017                | 6937.16  | NA   | 6930.38  | 6.78                               | ND                                   | NA                                    | 15.99                           |
| MKTF-10         | 11/29/2017               | 6937.16  | NA   | 6930.16  | 7.00                               | ND                                   | NA                                    | 15.99                           |
| MKTF-10         | 2/14/2018                | 6937.16  | NA   | 6929.86  | 7.30                               | ND                                   | NA                                    | 16.10                           |
| MKTF-10         | 4/25/2018                | 6937.16  | NA   | 6930.11  | 7.05                               | ND                                   | NA                                    | 16.05                           |
| MKTF-10         | 8/16/2018                | 6937.16  | NA   | 6930.08  | 7.08                               | ND                                   | NA                                    | 16.28                           |
| MKTF-10         | 11/19/2018               | 6937.16  | NA   | 6929.91  | 7.25                               | ND                                   | NA                                    | 15.99                           |
| MKTF-10         | 3/25/2019                | 6937.16  | NA   | 6931.46  | 5.70                               | ND                                   | NA                                    | 15.99                           |
| MKTF-10         | 5/13/2019                | 6937.16  | NA   | 6930.93  | 6.23                               | ND                                   | NA                                    | 15.99                           |
| MKTF-10         | 8/21/2019                | 6937.16  | NA   | 6929.51  | 7.65                               | ND                                   | NA                                    | 16.28                           |
| MKTF-10         | 10/30/2019               | 6937.16  | NA   | 6929.88  | 7.28                               | ND                                   | NA                                    | 15.99                           |
| MKTF-10         | 3/2/2020                 | 6937.16  | NA   | 6929.49  | 7.67                               | ND                                   | NA                                    | 15.99                           |
| MKTF-10         | 6/25/2020                | 6937.16  | NA   | 6930.09  | 7.07                               | ND                                   | NA                                    | 15.99                           |
| MKTF-10         | 9/18/2020                | 6937.16  | 6929.64  | 6929.63  | 7.53                               | 7.52                                 | 0.01                                  | 16.41                           |

**APPENDIX A. FLUID LEVEL MEASUREMENTS**  
**MARATHON PETROLEUM COMPANY**  
**GALLUP REFINING DIVISION, GALLUP, NEW MEXICO**

| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| MKTF-10  | 11/10/2020    | 6937.16                             | NA                                  | 6929.37                           | 7.79                | ND                    | NA                     | 16.41            |
| MKTF-10  | 12/3/2020     | 6937.16                             | NA                                  | 6929.36                           | 7.80                | ND                    | NA                     | 16.50            |
| MKTF-11  | 1/15/2014     | 6931.34                             | NA                                  | 6922.85                           | 8.49                | ND                    | NA                     | 18.14            |
| MKTF-11  | 2/13/2014     | 6931.34                             | NA                                  | 6922.70                           | 8.64                | ND                    | NA                     | 18.14            |
| MKTF-11  | 3/11/2014     | 6931.34                             | NA                                  | 6922.84                           | 8.50                | ND                    | NA                     | 18.14            |
| MKTF-11  | 6/5/2014      | 6931.34                             | NA                                  | 6922.14                           | 9.20                | ND                    | NA                     | 18.14            |
| MKTF-11  | 9/15/2014     | 6931.34                             | NA                                  | 6921.99                           | 9.35                | ND                    | NA                     | 18.14            |
| MKTF-11  | 11/13/2014    | 6931.34                             | NA                                  | 6921.79                           | 9.55                | ND                    | NA                     | 18.14            |
| MKTF-11  | 3/16/2015     | 6931.34                             | NA                                  | 6922.54                           | 8.80                | ND                    | NA                     | 18.14            |
| MKTF-11  | 6/4/2015      | 6931.34                             | NA                                  | 6922.34                           | 9.00                | ND                    | NA                     | 18.14            |
| MKTF-11  | 8/18/2015     | 6931.34                             | NA                                  | 6922.89                           | 8.45                | ND                    | NA                     | 18.14            |
| MKTF-11  | 11/3/2015     | 6931.34                             | NA                                  | 6922.71                           | 8.63                | ND                    | NA                     | 18.14            |
| MKTF-11  | 2/29/2016     | 6931.34                             | NA                                  | 6922.54                           | 8.80                | ND                    | NA                     | 18.14            |
| MKTF-11  | 6/9/2016      | 6931.34                             | NA                                  | 6922.68                           | 8.66                | ND                    | NA                     | 18.14            |
| MKTF-11  | 9/11/2016     | 6931.34                             | NA                                  | 6922.64                           | 8.70                | ND                    | NA                     | 18.14            |
| MKTF-11  | 11/3/2016     | 6931.34                             | NA                                  | 6922.71                           | 8.63                | ND                    | NA                     | 18.14            |
| MKTF-11  | 3/2/2017      | 6931.34                             | NA                                  | 6924.38                           | 6.96                | ND                    | NA                     | 18.14            |
| MKTF-11  | 6/7/2017      | 6931.34                             | NA                                  | 6923.95                           | 7.39                | ND                    | NA                     | 18.14            |
| MKTF-11  | 9/26/2017     | 6931.34                             | NA                                  | 6924.64                           | 6.70                | ND                    | NA                     | 18.14            |
| MKTF-11  | 11/29/2017    | 6931.34                             | NA                                  | 6923.34                           | 8.00                | ND                    | NA                     | 18.14            |
| MKTF-11  | 2/8/2018      | 6931.34                             | NA                                  | 6923.47                           | 7.87                | ND                    | NA                     | 18.31            |
| MKTF-11  | 4/25/2018     | 6931.34                             | NA                                  | 6923.49                           | 7.85                | ND                    | NA                     | 18.39            |
| MKTF-11  | 8/16/2018     | 6931.34                             | NA                                  | 6923.86                           | 7.48                | ND                    | NA                     | 18.48            |
| MKTF-11  | 11/19/2018    | 6931.34                             | NA                                  | 6924.14                           | 7.20                | ND                    | NA                     | 18.14            |
| MKTF-11  | 3/25/2019     | 6931.34                             | NA                                  | 6926.38                           | 4.96                | ND                    | NA                     | 18.14            |
| MKTF-11  | 5/13/2019     | 6931.34                             | NA                                  | 6926.10                           | 5.24                | ND                    | NA                     | 18.14            |
| MKTF-11  | 8/21/2019     | 6931.34                             | NA                                  | 6925.12                           | 6.22                | ND                    | NA                     | 18.48            |
| MKTF-11  | 10/30/2019    | 6931.34                             | NA                                  | 6924.28                           | 7.06                | ND                    | NA                     | 18.14            |
| MKTF-11  | 3/2/2020      | 6931.34                             | NA                                  | 6923.45                           | 7.89                | ND                    | NA                     | 18.14            |
| MKTF-11  | 6/26/2020     | 6931.34                             | 6923.67                             | 6923.66                           | 7.68                | 7.67                  | 0.01                   | 18.14            |
| MKTF-11  | 9/18/2020     | 6931.34                             | 6923.75                             | 6923.74                           | 7.60                | 7.59                  | 0.01                   | 18.45            |
| MKTF-11  | 11/10/2020    | 6931.34                             | NA                                  | 6923.73                           | 7.61                | ND                    | NA                     | 18.45            |
| MKTF-11  | 12/3/2020     | 6931.34                             | 6923.45                             | 6923.43                           | 7.91                | 7.89                  | 0.02                   | 18.45            |
| MKTF-12  | 1/13/2014     | 6942.11                             | 6922.85                             | 6922.58                           | 19.53               | 19.26                 | 0.27                   | 25.60            |
| MKTF-12  | 2/12/2014     | 6942.11                             | 6922.66                             | 6922.24                           | 19.87               | 19.45                 | 0.42                   | 25.60            |
| MKTF-12  | 3/11/2014     | 6942.11                             | 6922.96                             | 6922.68                           | 19.43               | 19.15                 | 0.28                   | 25.60            |
| MKTF-12  | 6/4/2014      | 6942.11                             | 6922.37                             | 6922.29                           | 19.82               | 19.74                 | 0.08                   | 25.60            |
| MKTF-12  | 9/15/2014     | 6942.11                             | 6922.30                             | 6921.11                           | 21.00               | 19.81                 | 1.19                   | 25.60            |
| MKTF-12  | 11/17/2014    | 6942.11                             | 6921.91                             | 6920.73                           | 21.38               | 20.20                 | 1.18                   | 25.60            |
| MKTF-12  | 3/12/2015     | 6942.11                             | 6922.98                             | 6921.17                           | 20.94               | 19.13                 | 1.81                   | 25.60            |

**APPENDIX A. FLUID LEVEL MEASUREMENTS**  
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| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| MKTF-12  | 6/9/2015      | 6942.11                             | 6922.64                             | 6920.46                           | 21.65               | 19.47                 | 2.18                   | 25.60            |
| MKTF-12  | 8/18/2015     | 6942.11                             | 6922.65                             | 6922.12                           | 19.99               | 19.46                 | 0.53                   | 25.60            |
| MKTF-12  | 11/3/2015     | 6942.11                             | 6922.45                             | 6921.84                           | 20.27               | 19.66                 | 0.61                   | 25.60            |
| MKTF-12  | 3/12/2016     | 6942.11                             | 6922.98                             | 6921.17                           | 20.94               | 19.13                 | 1.81                   | 25.60            |
| MKTF-12  | 6/10/2016     | 6942.11                             | 6923.88                             | 6922.56                           | 19.55               | 18.23                 | 1.32                   | 25.60            |
| MKTF-12  | 9/10/2016     | 6942.11                             | 6922.88                             | 6922.56                           | 19.55               | 19.23                 | 0.32                   | 25.60            |
| MKTF-12  | 11/3/2016     | 6942.11                             | 6922.45                             | 6921.84                           | 20.27               | 19.66                 | 0.61                   | 25.60            |
| MKTF-12  | 3/15/2017     | 6942.11                             | 6924.36                             | 6924.30                           | 17.81               | 17.75                 | 0.06                   | 25.60            |
| MKTF-12  | 6/7/2017      | 6942.11                             | 6923.51                             | 6923.32                           | 18.79               | 18.60                 | 0.19                   | 25.60            |
| MKTF-12  | 10/3/2017     | 6942.11                             | 6924.81                             | 6924.68                           | 17.43               | 17.30                 | 0.13                   | 25.60            |
| MKTF-12  | 11/27/2017    | 6942.11                             | 6923.68                             | 6923.55                           | 18.56               | 18.43                 | 0.13                   | 25.60            |
| MKTF-12  | 2/7/2018      | 6942.11                             | 6923.00                             | 6922.83                           | 19.28               | 19.11                 | 0.17                   | 25.60            |
| MKTF-12  | 4/26/2018     | 6942.11                             | 6923.00                             | 6922.88                           | 19.23               | 19.11                 | 0.12                   | 25.58            |
| MKTF-12  | 8/15/2018     | 6942.11                             | 6923.10                             | 6922.91                           | 19.20               | 19.01                 | 0.19                   | 25.60            |
| MKTF-12  | 11/27/2018    | 6942.11                             | 6923.71                             | 6923.57                           | 18.54               | 18.40                 | 0.14                   | 25.60            |
| MKTF-12  | 3/26/2019     | 6942.11                             | 6925.46                             | 6925.11                           | 17.00               | 16.65                 | 0.35                   | 25.60            |
| MKTF-12  | 5/9/2019      | 6942.11                             | 6924.86                             | 6924.76                           | 17.35               | 17.25                 | 0.10                   | 25.60            |
| MKTF-12  | 8/20/2019     | 6942.11                             | 6924.19                             | 6924.10                           | 18.01               | 17.92                 | 0.09                   | 25.60            |
| MKTF-12  | 10/28/2019    | 6942.11                             | 6923.76                             | 6923.64                           | 18.47               | 18.35                 | 0.12                   | 25.60            |
| MKTF-12  | 11/12/2019    | 6942.11                             | 6923.97                             | 6923.89                           | 18.22               | 18.14                 | 0.08                   | 25.60            |
| MKTF-12  | 11/13/2019    | 6942.11                             | 6924.09                             | 6923.99                           | 18.12               | 18.02                 | 0.10                   | 25.60            |
| MKTF-12  | 11/14/2019    | 6942.11                             | 6924.00                             | 6923.92                           | 18.19               | 18.11                 | 0.08                   | 25.60            |
| MKTF-12  | 11/15/2019    | 6942.11                             | 6924.01                             | 6923.93                           | 18.18               | 18.10                 | 0.08                   | 25.60            |
| MKTF-12  | 11/19/2019    | 6942.11                             | 6924.11                             | 6924.02                           | 18.09               | 18.00                 | 0.09                   | 25.60            |
| MKTF-12  | 11/21/2019    | 6942.11                             | 6924.07                             | 6923.91                           | 18.20               | 18.04                 | 0.16                   | 25.60            |
| MKTF-12  | 12/2/2019     | 6942.11                             | 6924.41                             | 6924.36                           | 17.75               | 17.70                 | 0.05                   | 25.60            |
| MKTF-12  | 2/27/2020     | 6942.11                             | 6924.27                             | 6924.19                           | 17.92               | 17.84                 | 0.08                   | 25.60            |
| MKTF-12  | 6/29/2020     | 6942.11                             | 6922.98                             | 6922.86                           | 19.25               | 19.13                 | 0.12                   | 25.60            |
| MKTF-12  | 9/18/2020     | 6942.11                             | 6923.47                             | 6923.46                           | 18.65               | 18.64                 | 0.01                   | 25.82            |
| MKTF-12  | 11/10/2020    | 6942.11                             | 6924.14                             | 6924.11                           | 18.00               | 17.97                 | 0.03                   | 25.82            |
| MKTF-12  | 12/3/2020     | 6942.11                             | 6923.21                             | 6923.05                           | 19.06               | 18.90                 | 0.16                   | 25.89            |
| MKTF-13  | 1/13/2014     | 6935.18                             | 6922.38                             | 6922.08                           | 13.10               | 12.80                 | 0.30                   | 21.25            |
| MKTF-13  | 2/12/2014     | 6935.18                             | 6922.20                             | 6921.86                           | 13.32               | 12.98                 | 0.34                   | 21.25            |
| MKTF-13  | 3/11/2014     | 6935.18                             | 6922.51                             | 6922.18                           | 13.00               | 12.67                 | 0.33                   | 21.25            |
| MKTF-13  | 6/4/2014      | 6935.18                             | 6920.58                             | 6919.93                           | 15.25               | 14.60                 | 0.65                   | 21.25            |
| MKTF-13  | 9/15/2014     | 6935.18                             | 6920.57                             | 6919.43                           | 15.75               | 14.61                 | 1.14                   | 21.25            |
| MKTF-13  | 11/17/2014    | 6935.18                             | 6920.25                             | 6918.85                           | 16.33               | 14.93                 | 1.40                   | 21.25            |
| MKTF-13  | 3/12/2015     | 6935.18                             | 6921.43                             | 6919.36                           | 15.82               | 13.75                 | 2.07                   | 21.25            |
| MKTF-13  | 6/9/2015      | 6935.18                             | 6920.96                             | 6919.31                           | 15.87               | 14.22                 | 1.65                   | 21.25            |
| MKTF-13  | 8/21/2015     | 6935.18                             | 6921.24                             | 6919.56                           | 15.62               | 13.94                 | 1.68                   | 21.25            |

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| <b>Location</b> | <b>Date Measured</b> | <b>Measuring Point Elevation (ft amsl)</b> | <b>Product Surface Elevation (ft amsl)</b> | <b>Water Surface Elevation (ft amsl)</b> | <b>Depth To Water (ft)</b> | <b>Depth To Product (ft)</b> | <b>Product Thickness (ft)</b> | <b>Total Depth (ft)</b> |
|-----------------|----------------------|--|--|--|----------------------------|------------------------------|-------------------------------|-------------------------|
| MKTF-13         | 11/3/2015            | 6935.18                                    | 6920.96                                    | 6919.63                                  | 15.55                      | 14.22                        | 1.33                          | 21.25                   |
| MKTF-13         | 3/12/2016            | 6935.18                                    | 6921.43                                    | 6919.36                                  | 15.82                      | 13.75                        | 2.07                          | 21.25                   |
| MKTF-13         | 6/10/2016            | 6935.18                                    | 6922.19                                    | 6920.99                                  | 14.19                      | 12.99                        | 1.20                          | 21.25                   |
| MKTF-13         | 9/10/2016            | 6935.18                                    | 6921.30                                    | 6920.32                                  | 14.86                      | 13.88                        | 0.98                          | 21.25                   |
| MKTF-13         | 11/3/2016            | 6935.18                                    | 6920.96                                    | 6919.63                                  | 15.55                      | 14.22                        | 1.33                          | 21.25                   |
| MKTF-13         | 3/15/2017            | 6935.18                                    | NA   | 6922.58                                  | 12.60                      | ND                           | NA                            | 21.25                   |
| MKTF-13         | 6/7/2017             | 6935.18                                    | 6921.83                                    | 6921.77                                  | 13.41                      | 13.35                        | 0.06                          | 21.25                   |
| MKTF-13         | 10/3/2017            | 6935.18                                    | 6923.27                                    | 6923.24                                  | 11.94                      | 11.91                        | 0.03                          | 21.25                   |
| MKTF-13         | 11/27/2017           | 6935.18                                    | 6922.04                                    | 6922.03                                  | 13.15                      | 13.14                        | 0.01                          | 21.25                   |
| MKTF-13         | 2/7/2018             | 6935.18                                    | 6921.41                                    | 6921.40                                  | 13.78                      | 13.77                        | 0.01                          | 21.25                   |
| MKTF-13         | 4/26/2018            | 6935.18                                    | NA   | 6921.43                                  | 13.75                      | ND                           | NA                            | 21.66                   |
| MKTF-13         | 8/15/2018            | 6935.18                                    | NA   | 6921.50                                  | 13.68                      | ND                           | NA                            | 21.55                   |
| MKTF-13         | 11/27/2018           | 6935.18                                    | NA   | 6922.46                                  | 12.72                      | ND                           | NA                            | 21.25                   |
| MKTF-13         | 3/26/2019            | 6935.18                                    | NA   | 6924.28                                  | 10.90                      | ND                           | NA                            | 21.25                   |
| MKTF-13         | 5/9/2019             | 6935.18                                    | NA   | 6923.58                                  | 11.60                      | ND                           | NA                            | 21.25                   |
| MKTF-13         | 8/20/2019            | 6935.18                                    | NA   | 6922.73                                  | 12.45                      | ND                           | NA                            | 21.55                   |
| MKTF-13         | 10/28/2019           | 6935.18                                    | NA   | 6922.23                                  | 12.95                      | ND                           | NA                            | 21.25                   |
| MKTF-13         | 11/12/2019           | 6935.18                                    | NA   | 6922.36                                  | 12.82                      | ND                           | NA                            | 21.25                   |
| MKTF-13         | 11/13/2019           | 6935.18                                    | NA   | 6922.43                                  | 12.75                      | ND                           | NA                            | 21.25                   |
| MKTF-13         | 11/14/2019           | 6935.18                                    | NA   | 6922.33                                  | 12.85                      | ND                           | NA                            | 21.25                   |
| MKTF-13         | 11/15/2019           | 6935.18                                    | NA   | 6922.38                                  | 12.80                      | ND                           | NA                            | 21.25                   |
| MKTF-13         | 11/19/2019           | 6935.18                                    | NA   | 6922.47                                  | 12.71                      | ND                           | NA                            | 21.25                   |
| MKTF-13         | 11/21/2019           | 6935.18                                    | NA   | 6922.43                                  | 12.75                      | ND                           | NA                            | 21.25                   |
| MKTF-13         | 12/2/2019            | 6935.18                                    | NA   | 6922.78                                  | 12.40                      | ND                           | NA                            | 21.25                   |
| MKTF-13         | 2/27/2020            | 6935.18                                    | 6924.05                                    | 6917.87                                  | 17.31                      | 11.13                        | 6.18                          | 21.25                   |
| MKTF-13         | 6/29/2020            | 6935.18                                    | 6922.51                                    | 6916.97                                  | 18.21                      | 12.67                        | 5.54                          | 21.25                   |
| MKTF-13         | 9/18/2020            | 6935.18                                    | 6922.63                                    | 6918.26                                  | 16.92                      | 12.55                        | 4.37                          | 22.13                   |
| MKTF-13         | 11/10/2020           | 6935.18                                    | 6923.20                                    | 6918.82                                  | 16.36                      | 11.98                        | 4.38                          | 22.13                   |
| MKTF-13         | 12/3/2020            | 6935.18                                    | 6922.34                                    | 6918.53                                  | 16.65                      | 12.84                        | 3.81                          | 21.92                   |
| MKTF-14         | 1/13/2014            | 6928.02                                    | 6920.64                                    | 6919.03                                  | 8.99                       | 7.38                         | 1.61                          | 17.46                   |
| MKTF-14         | 2/12/2014            | 6928.02                                    | 6920.42                                    | 6919.25                                  | 8.77                       | 7.60                         | 1.17                          | 17.46                   |
| MKTF-14         | 3/11/2014            | 6928.02                                    | 6920.75                                    | 6919.60                                  | 8.42                       | 7.27                         | 1.15                          | 17.46                   |
| MKTF-14         | 6/4/2014             | 6928.02                                    | 6920.11                                    | 6919.29                                  | 8.73                       | 7.91                         | 0.82                          | 17.46                   |
| MKTF-14         | 9/15/2014            | 6928.02                                    | 6919.72                                    | 6919.27                                  | 8.75                       | 8.30                         | 0.45                          | 17.46                   |
| MKTF-14         | 11/17/2014           | 6928.02                                    | 6919.45                                    | 6919.08                                  | 8.94                       | 8.57                         | 0.37                          | 17.46                   |
| MKTF-14         | 3/12/2015            | 6928.02                                    | 6920.42                                    | 6919.87                                  | 8.15                       | 7.60                         | 0.55                          | 17.46                   |
| MKTF-14         | 6/9/2015             | 6928.02                                    | 6920.02                                    | 6919.65                                  | 8.37                       | 8.00                         | 0.37                          | 17.46                   |
| MKTF-14         | 8/21/2015            | 6928.02                                    | 6920.41                                    | 6919.99                                  | 8.03                       | 7.61                         | 0.42                          | 17.46                   |
| MKTF-14         | 11/3/2015            | 6928.02                                    | 6920.31                                    | 6919.92                                  | 8.10                       | 7.71                         | 0.39                          | 17.46                   |
| MKTF-14         | 3/12/2016            | 6928.02                                    | 6920.42                                    | 6919.87                                  | 8.15                       | 7.60                         | 0.55                          | 17.46                   |

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| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| MKTF-14  | 6/10/2016     | 6928.02                             | 6920.89                             | 6918.56                           | 9.46                | 7.13                  | 2.33                   | 17.46            |
| MKTF-14  | 9/10/2016     | 6928.02                             | 6920.71                             | 6919.02                           | 9.00                | 7.31                  | 1.69                   | 17.46            |
| MKTF-14  | 11/3/2016     | 6928.02                             | 6920.31                             | 6919.92                           | 8.10                | 7.71                  | 0.39                   | 17.46            |
| MKTF-14  | 3/8/2017      | 6928.02                             | 6922.25                             | 6921.27                           | 6.75                | 5.77                  | 0.98                   | 17.46            |
| MKTF-14  | 6/7/2017      | 6928.02                             | 6921.34                             | 6920.50                           | 7.52                | 6.68                  | 0.84                   | 17.46            |
| MKTF-14  | 10/3/2017     | 6928.02                             | 6922.32                             | 6921.91                           | 6.11                | 5.70                  | 0.41                   | 17.46            |
| MKTF-14  | 11/27/2017    | 6928.02                             | 6921.46                             | 6921.09                           | 6.93                | 6.56                  | 0.37                   | 17.46            |
| MKTF-14  | 2/7/2018      | 6928.02                             | 6921.04                             | 6920.63                           | 7.39                | 6.98                  | 0.41                   | 17.46            |
| MKTF-14  | 4/26/2018     | 6928.02                             | 6921.01                             | 6920.63                           | 7.39                | 7.01                  | 0.38                   | 17.43            |
| MKTF-14  | 8/15/2018     | 6928.02                             | 6921.07                             | 6920.72                           | 7.30                | 6.95                  | 0.35                   | 17.45            |
| MKTF-14  | 11/27/2018    | 6928.02                             | 6921.76                             | 6921.37                           | 6.65                | 6.26                  | 0.39                   | 17.46            |
| MKTF-14  | 3/25/2019     | 6928.02                             | 6924.13                             | 6923.77                           | 4.25                | 3.89                  | 0.36                   | 17.46            |
| MKTF-14  | 5/9/2019      | 6928.02                             | 6923.37                             | 6922.98                           | 5.04                | 4.65                  | 0.39                   | 17.46            |
| MKTF-14  | 8/20/2019     | 6928.02                             | 6922.38                             | 6922.10                           | 5.92                | 5.64                  | 0.28                   | 17.45            |
| MKTF-14  | 10/28/2019    | 6928.02                             | 6922.00                             | 6921.63                           | 6.39                | 6.02                  | 0.37                   | 17.46            |
| MKTF-14  | 2/27/2020     | 6928.02                             | 6922.67                             | 6922.37                           | 5.65                | 5.35                  | 0.30                   | 17.46            |
| MKTF-14  | 6/29/2020     | 6928.02                             | 6921.64                             | 6919.44                           | 8.58                | 6.38                  | 2.20                   | 17.46            |
| MKTF-14  | 9/18/2020     | 6928.02                             | 6921.84                             | 6919.86                           | 8.16                | 6.18                  | 1.98                   | 17.32            |
| MKTF-14  | 11/10/2020    | 6928.02                             | 6922.04                             | 6921.74                           | 6.28                | 5.98                  | 0.30                   | 17.32            |
| MKTF-14  | 12/3/2020     | 6928.02                             | 6921.23                             | 6920.96                           | 7.06                | 6.79                  | 0.27                   | 17.55            |
| MKTF-15  | 1/13/2014     | 6943.48                             | NA                                  | 6929.60                           | 13.88               | ND                    | NA                     | 19.48            |
| MKTF-15  | 2/13/2014     | 6943.48                             | NA                                  | 6929.60                           | 13.88               | ND                    | NA                     | 19.48            |
| MKTF-15  | 3/11/2014     | 6943.48                             | NA                                  | 6929.62                           | 13.86               | ND                    | NA                     | 19.48            |
| MKTF-15  | 6/5/2014      | 6943.48                             | NA                                  | 6929.67                           | 13.81               | ND                    | NA                     | 19.48            |
| MKTF-15  | 9/15/2014     | 6943.48                             | NA                                  | 6929.77                           | 13.71               | ND                    | NA                     | 19.48            |
| MKTF-15  | 11/14/2014    | 6943.48                             | 6929.98                             | 6928.93                           | 14.55               | 13.50                 | 1.05                   | 19.48            |
| MKTF-15  | 3/16/2015     | 6943.48                             | 6930.31                             | 6929.56                           | 13.92               | 13.17                 | 0.75                   | 19.48            |
| MKTF-15  | 6/4/2015      | 6943.48                             | 6930.28                             | 6929.70                           | 13.78               | 13.20                 | 0.58                   | 19.48            |
| MKTF-15  | 8/18/2015     | 6943.48                             | 6930.39                             | 6930.14                           | 13.34               | 13.09                 | 0.25                   | 19.48            |
| MKTF-15  | 11/3/2015     | 6943.48                             | 6930.58                             | 6929.93                           | 13.55               | 12.90                 | 0.65                   | 19.48            |
| MKTF-15  | 3/16/2016     | 6943.48                             | 6930.31                             | 6929.56                           | 13.92               | 13.17                 | 0.75                   | 19.48            |
| MKTF-15  | 6/9/2016      | 6943.48                             | 6930.88                             | 6930.66                           | 12.82               | 12.60                 | 0.22                   | 19.48            |
| MKTF-15  | 9/11/2016     | 6943.48                             | NA                                  | 6930.48                           | 13.00               | ND                    | NA                     | 19.48            |
| MKTF-15  | 11/3/2016     | 6943.48                             | 6930.58                             | 6929.93                           | 13.55               | 12.90                 | 0.65                   | 19.48            |
| MKTF-15  | 3/2/2017      | 6943.48                             | NA                                  | 6931.33                           | 12.15               | ND                    | NA                     | 19.48            |
| MKTF-15  | 6/7/2017      | 6943.48                             | NA                                  | 6931.55                           | 11.93               | ND                    | NA                     | 19.48            |
| MKTF-15  | 9/26/2017     | 6943.48                             | 6931.48                             | 6931.38                           | 12.10               | 12.00                 | 0.10                   | 19.48            |
| MKTF-15  | 11/29/2017    | 6943.48                             | NA                                  | 6931.35                           | 12.13               | ND                    | NA                     | 19.48            |
| MKTF-15  | 2/8/2018      | 6943.48                             | 6931.08                             | 6931.01                           | 12.47               | 12.40                 | 0.07                   | 19.48            |
| MKTF-15  | 4/25/2018     | 6943.48                             | NA                                  | 6931.28                           | 12.20               | ND                    | NA                     | 19.40            |

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| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| MKTF-15  | 8/16/2018     | 6943.48                             | NA                                  | 6931.08                           | 12.40               | ND                    | NA                     | 19.50            |
| MKTF-15  | 11/19/2018    | 6943.48                             | 6930.91                             | 6930.78                           | 12.70               | 12.57                 | 0.13                   | 19.48            |
| MKTF-15  | 3/25/2019     | 6943.48                             | 6932.50                             | 6932.48                           | 11.00               | 10.98                 | 0.02                   | 19.48            |
| MKTF-15  | 5/13/2019     | 6943.48                             | NA                                  | 6931.89                           | 11.59               | ND                    | NA                     | 19.48            |
| MKTF-15  | 8/21/2019     | 6943.48                             | 6931.46                             | 6931.45                           | 12.03               | 12.02                 | 0.01                   | 19.50            |
| MKTF-15  | 10/30/2019    | 6943.48                             | 6930.83                             | 6930.78                           | 12.70               | 12.65                 | 0.05                   | 19.48            |
| MKTF-15  | 2/3/2020      | 6943.48                             | 6930.46                             | 6930.37                           | 13.11               | 13.02                 | 0.09                   | 19.48            |
| MKTF-15  | 6/26/2020     | 6943.48                             | 6930.37                             | 6930.31                           | 13.17               | 13.11                 | 0.06                   | 19.48            |
| MKTF-15  | 9/18/2020     | 6943.48                             | 6930.48                             | 6930.45                           | 13.03               | 13.00                 | 0.03                   | 19.18            |
| MKTF-15  | 11/10/2020    | 6943.48                             | 6930.09                             | 6929.88                           | 13.60               | 13.39                 | 0.21                   | 19.52            |
| MKTF-16  | 1/13/2014     | 6950.58                             | NA                                  | 6941.13                           | 9.45                | ND                    | NA                     | 14.10            |
| MKTF-16  | 2/13/2014     | 6950.58                             | NA                                  | 6940.95                           | 9.63                | ND                    | NA                     | 14.10            |
| MKTF-16  | 3/11/2014     | 6950.58                             | NA                                  | 6940.92                           | 9.66                | ND                    | NA                     | 14.10            |
| MKTF-16  | 6/5/2014      | 6950.58                             | NA                                  | 6940.06                           | 10.52               | ND                    | NA                     | 14.10            |
| MKTF-16  | 9/15/2014     | 6950.58                             | NA                                  | 6939.98                           | 10.60               | ND                    | NA                     | 14.10            |
| MKTF-16  | 11/18/2014    | 6950.58                             | NA                                  | 6938.92                           | 11.66               | ND                    | NA                     | 14.10            |
| MKTF-16  | 3/16/2015     | 6950.58                             | NA                                  | 6939.65                           | 10.93               | ND                    | NA                     | 14.10            |
| MKTF-16  | 6/8/2015      | 6950.58                             | NA                                  | 6941.72                           | 8.86                | ND                    | NA                     | 14.10            |
| MKTF-16  | 8/23/2015     | 6950.58                             | NA                                  | 6940.79                           | 9.79                | ND                    | NA                     | 14.10            |
| MKTF-16  | 11/3/2015     | 6950.58                             | NA                                  | 6941.09                           | 9.49                | ND                    | NA                     | 14.10            |
| MKTF-16  | 2/29/2016     | 6950.58                             | NA                                  | 6940.68                           | 9.90                | ND                    | NA                     | 14.10            |
| MKTF-16  | 6/8/2016      | 6950.58                             | NA                                  | 6941.00                           | 9.58                | ND                    | NA                     | 14.10            |
| MKTF-16  | 9/11/2016     | 6950.58                             | NA                                  | 6940.93                           | 9.65                | ND                    | NA                     | 14.10            |
| MKTF-16  | 11/3/2016     | 6950.58                             | NA                                  | 6941.09                           | 9.49                | ND                    | NA                     | 14.10            |
| MKTF-16  | 3/14/2017     | 6950.58                             | NA                                  | 6943.13                           | 7.45                | ND                    | NA                     | 14.10            |
| MKTF-16  | 6/7/2017      | 6950.58                             | NA                                  | 6942.92                           | 7.66                | ND                    | NA                     | 14.10            |
| MKTF-16  | 9/26/2017     | 6950.58                             | NA                                  | 6942.58                           | 8.00                | ND                    | NA                     | 14.10            |
| MKTF-16  | 11/28/2017    | 6950.58                             | NA                                  | 6942.36                           | 8.22                | ND                    | NA                     | 14.10            |
| MKTF-16  | 2/14/2018     | 6950.58                             | NA                                  | 6941.78                           | 8.80                | ND                    | NA                     | 14.10            |
| MKTF-16  | 4/25/2018     | 6950.58                             | NA                                  | 6942.23                           | 8.35                | ND                    | NA                     | 13.96            |
| MKTF-16  | 8/16/2018     | 6950.58                             | NA                                  | 6942.03                           | 8.55                | ND                    | NA                     | 14.08            |
| MKTF-16  | 11/29/2018    | 6950.58                             | NA                                  | 6941.04                           | 9.54                | ND                    | NA                     | 14.10            |
| MKTF-16  | 2/20/2019     | 6950.58                             | NA                                  | 6943.53                           | 7.05                | ND                    | NA                     | 14.10            |
| MKTF-16  | 5/13/2019     | 6950.58                             | NA                                  | 6942.23                           | 8.35                | ND                    | NA                     | 14.10            |
| MKTF-16  | 8/21/2019     | 6950.58                             | NA                                  | 6941.36                           | 9.22                | ND                    | NA                     | 14.08            |
| MKTF-16  | 10/30/2019    | 6950.58                             | NA                                  | 6940.69                           | 9.89                | ND                    | NA                     | 14.10            |
| MKTF-16  | 2/5/2020      | 6950.58                             | NA                                  | 6940.90                           | 9.68                | ND                    | NA                     | 14.10            |
| MKTF-16  | 6/26/2020     | 6950.58                             | NA                                  | 6941.04                           | 9.54                | ND                    | NA                     | 14.10            |
| MKTF-16  | 9/18/2020     | 6950.58                             | 6941.40                             | 6941.39                           | 9.19                | 9.18                  | 0.01                   | 10.92            |
| MKTF-16  | 11/10/2020    | 6950.58                             | NA                                  | 6943.38                           | 7.20                | ND                    | NA                     | 10.92            |

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| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| MKTF-16  | 12/8/2020     | 6950.58                             | NA                                  | 6940.88                           | 9.70                | ND                    | NA                     | 10.95            |
| MKTF-17  | 1/13/2014     | 6945.76                             | NA                                  | 6936.95                           | 8.81                | ND                    | NA                     | 24.11            |
| MKTF-17  | 2/13/2014     | 6945.76                             | NA                                  | 6935.95                           | 9.81                | ND                    | NA                     | 24.11            |
| MKTF-17  | 3/11/2014     | 6945.76                             | NA                                  | 6935.76                           | 10.00               | ND                    | NA                     | 24.11            |
| MKTF-17  | 6/6/2014      | 6945.76                             | NA                                  | 6934.48                           | 11.28               | ND                    | NA                     | 24.11            |
| MKTF-17  | 9/15/2014     | 6945.76                             | NA                                  | 6934.49                           | 11.27               | ND                    | NA                     | 24.11            |
| MKTF-17  | 11/18/2014    | 6945.76                             | NA                                  | 6933.01                           | 12.75               | ND                    | NA                     | 24.11            |
| MKTF-17  | 3/12/2015     | 6945.76                             | NA                                  | 6932.95                           | 12.81               | ND                    | NA                     | 24.11            |
| MKTF-17  | 6/8/2015      | 6945.76                             | NA                                  | 6932.36                           | 13.40               | ND                    | NA                     | 24.11            |
| MKTF-17  | 8/18/2015     | 6945.76                             | NA                                  | 6933.78                           | 11.98               | ND                    | NA                     | 24.11            |
| MKTF-17  | 11/3/2015     | 6945.76                             | NA                                  | 6933.42                           | 12.34               | ND                    | NA                     | 24.11            |
| MKTF-17  | 2/25/2016     | 6945.76                             | NA                                  | 6933.94                           | 11.82               | ND                    | NA                     | 24.11            |
| MKTF-17  | 6/10/2016     | 6945.76                             | NA                                  | 6934.46                           | 11.30               | ND                    | NA                     | 24.11            |
| MKTF-17  | 9/12/2016     | 6945.76                             | NA                                  | 6933.36                           | 12.40               | ND                    | NA                     | 24.11            |
| MKTF-17  | 11/3/2016     | 6945.76                             | NA                                  | 6933.42                           | 12.34               | ND                    | NA                     | 24.11            |
| MKTF-17  | 3/8/2017      | 6945.76                             | NA                                  | 6937.56                           | 8.20                | ND                    | NA                     | 24.11            |
| MKTF-17  | 6/14/2017     | 6945.76                             | NA                                  | 6935.78                           | 9.98                | ND                    | NA                     | 24.11            |
| MKTF-17  | 9/26/2017     | 6945.76                             | NA                                  | 6936.43                           | 9.33                | ND                    | NA                     | 24.11            |
| MKTF-17  | 11/30/2017    | 6945.76                             | NA                                  | 6932.08                           | 13.68               | ND                    | NA                     | 24.65            |
| MKTF-17  | 2/15/2018     | 6945.76                             | NA                                  | 6934.11                           | 11.65               | ND                    | NA                     | 24.68            |
| MKTF-17  | 4/26/2018     | 6945.76                             | NA                                  | 6933.48                           | 12.28               | ND                    | NA                     | 24.55            |
| MKTF-17  | 8/15/2018     | 6945.76                             | NA                                  | 6933.26                           | 12.50               | ND                    | NA                     | 24.68            |
| MKTF-17  | 11/27/2018    | 6945.76                             | NA                                  | 6932.11                           | 13.65               | ND                    | NA                     | 24.65            |
| MKTF-17  | 3/25/2019     | 6945.76                             | NA                                  | 6935.06                           | 10.70               | ND                    | NA                     | 24.11            |
| MKTF-17  | 5/9/2019      | 6945.76                             | NA                                  | 6931.71                           | 14.05               | ND                    | NA                     | 24.11            |
| MKTF-17  | 8/19/2019     | 6945.76                             | NA                                  | 6934.97                           | 10.79               | ND                    | NA                     | 24.68            |
| MKTF-17  | 10/28/2019    | 6945.76                             | NA                                  | 6936.76                           | 9.00                | ND                    | NA                     | 24.65            |
| MKTF-17  | 10/29/2019    | 6945.76                             | NA                                  | 6930.56                           | 15.20               | ND                    | NA                     | 24.65            |
| MKTF-17  | 11/12/2019    | 6945.76                             | NA                                  | 6933.90                           | 11.86               | ND                    | NA                     | 24.65            |
| MKTF-17  | 11/19/2019    | 6945.76                             | 6933.41                             | 6931.81                           | 13.95               | 12.35                 | 1.60                   | 24.65            |
| MKTF-17  | 11/21/2019    | 6945.76                             | 6933.34                             | 6930.46                           | 15.30               | 12.42                 | 2.88                   | 24.65            |
| MKTF-17  | 12/2/2019     | 6945.76                             | 6932.59                             | 6927.71                           | 18.05               | 13.17                 | 4.88                   | 24.65            |
| MKTF-17  | 2/3/2020      | 6945.76                             | 6934.32                             | 6928.91                           | 16.85               | 11.44                 | 5.41                   | 24.11            |
| MKTF-17  | 6/29/2020     | 6945.76                             | 6935.57                             | 6930.26                           | 15.50               | 10.19                 | 5.31                   | 24.11            |
| MKTF-17  | 9/14/2020     | 6945.76                             | 6935.76                             | 6930.39                           | 15.37               | 10.00                 | 5.37                   | 24.67            |
| MKTF-17  | 11/10/2020    | 6945.76                             | 6934.37                             | 6934.17                           | 11.59               | 11.39                 | 0.20                   | 24.67            |
| MKTF-17  | 12/4/2020     | 6945.76                             | 6934.48                             | 6934.29                           | 11.47               | 11.28                 | 0.19                   | 24.66            |
| MKTF-18  | 1/13/2014     | 6950.65                             | NA                                  | 6942.32                           | 8.33                | ND                    | NA                     | 25.38            |
| MKTF-18  | 2/13/2014     | 6950.65                             | NA                                  | 6942.32                           | 8.33                | ND                    | NA                     | 25.38            |
| MKTF-18  | 3/11/2014     | 6950.65                             | NA                                  | 6942.56                           | 8.09                | ND                    | NA                     | 25.38            |

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| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| MKTF-18  | 6/6/2014      | 6950.65                             | NA                                  | 6942.20                           | 8.45                | ND                    | NA                     | 25.38            |
| MKTF-18  | 9/15/2014     | 6950.65                             | NA                                  | 6941.84                           | 8.81                | ND                    | NA                     | 25.38            |
| MKTF-18  | 11/18/2014    | 6950.65                             | NA                                  | 6941.19                           | 9.46                | ND                    | NA                     | 25.38            |
| MKTF-18  | 3/17/2015     | 6950.65                             | NA                                  | 6941.73                           | 8.92                | ND                    | NA                     | 25.38            |
| MKTF-18  | 6/8/2015      | 6950.65                             | NA                                  | 6941.79                           | 8.86                | ND                    | NA                     | 25.38            |
| MKTF-18  | 8/18/2015     | 6950.65                             | NA                                  | 6941.82                           | 8.83                | ND                    | NA                     | 25.38            |
| MKTF-18  | 11/3/2015     | 6950.65                             | NA                                  | 6942.13                           | 8.52                | ND                    | NA                     | 25.38            |
| MKTF-18  | 2/26/2016     | 6950.65                             | NA                                  | 6942.31                           | 8.34                | ND                    | NA                     | 25.38            |
| MKTF-18  | 6/10/2016     | 6950.65                             | NA                                  | 6938.80                           | 11.85               | ND                    | NA                     | 25.38            |
| MKTF-18  | 9/12/2016     | 6950.65                             | NA                                  | 6942.90                           | 7.75                | ND                    | NA                     | 25.38            |
| MKTF-18  | 11/3/2016     | 6950.65                             | NA                                  | 6942.13                           | 8.52                | ND                    | NA                     | 25.38            |
| MKTF-18  | 3/1/2017      | 6950.65                             | NA                                  | 6942.84                           | 7.81                | ND                    | NA                     | 25.38            |
| MKTF-18  | 6/14/2017     | 6950.65                             | NA                                  | 6944.35                           | 6.30                | ND                    | NA                     | 25.38            |
| MKTF-18  | 9/27/2017     | 6950.65                             | 6944.30                             | 6944.28                           | 6.37                | 6.35                  | 0.02                   | 25.38            |
| MKTF-18  | 11/30/2017    | 6950.65                             | 6944.36                             | 6944.35                           | 6.30                | 6.29                  | 0.01                   | 25.38            |
| MKTF-18  | 2/15/2018     | 6950.65                             | NA                                  | 6944.18                           | 6.47                | ND                    | NA                     | 26.80            |
| MKTF-18  | 4/26/2018     | 6950.65                             | NA                                  | 6942.43                           | 8.22                | ND                    | NA                     | 26.70            |
| MKTF-18  | 8/16/2018     | 6950.65                             | NA                                  | 6943.53                           | 7.12                | ND                    | NA                     | 27.45            |
| MKTF-18  | 11/27/2018    | 6950.65                             | NA                                  | 6942.71                           | 7.94                | ND                    | NA                     | 25.38            |
| MKTF-18  | 3/25/2019     | 6950.65                             | NA                                  | 6943.33                           | 7.32                | ND                    | NA                     | 25.38            |
| MKTF-18  | 5/16/2019     | 6950.65                             | NA                                  | 6943.11                           | 7.54                | ND                    | NA                     | 25.38            |
| MKTF-18  | 8/19/2019     | 6950.65                             | 6942.94                             | 6942.93                           | 7.72                | 7.71                  | 0.01                   | 27.45            |
| MKTF-18  | 10/28/2019    | 6950.65                             | NA                                  | 6942.86                           | 7.79                | ND                    | NA                     | 25.38            |
| MKTF-18  | 10/29/2019    | 6950.65                             | NA                                  | 6942.35                           | 8.30                | ND                    | NA                     | 25.38            |
| MKTF-18  | 11/12/2019    | 6950.65                             | NA                                  | 6942.46                           | 8.19                | ND                    | NA                     | 25.38            |
| MKTF-18  | 2/5/2020      | 6950.65                             | NA                                  | 6941.55                           | 9.10                | ND                    | NA                     | 25.38            |
| MKTF-18  | 6/30/2020     | 6950.65                             | NA                                  | 6941.67                           | 8.98                | ND                    | NA                     | 25.38            |
| MKTF-18  | 9/18/2020     | 6950.65                             | 6942.16                             | 6942.15                           | 8.50                | 8.49                  | 0.01                   | 21.73            |
| MKTF-18  | 11/10/2020    | 6950.65                             | NA                                  | 6941.91                           | 8.74                | ND                    | NA                     | 21.73            |
| MKTF-18  | 12/4/2020     | 6950.65                             | NA                                  | 6941.85                           | 8.80                | ND                    | NA                     | 25.50            |
| MKTF-19  | 6/4/2014      | 6944.67                             | NA                                  | 6932.76                           | 11.91               | ND                    | NA                     | 17.47            |
| MKTF-19  | 9/24/2014     | 6944.67                             | NA                                  | 6932.20                           | 12.47               | ND                    | NA                     | 17.47            |
| MKTF-19  | 11/18/2014    | 6944.67                             | NA                                  | 6930.91                           | 13.76               | ND                    | NA                     | 17.47            |
| MKTF-19  | 3/12/2015     | 6944.67                             | NA                                  | 6931.72                           | 12.95               | ND                    | NA                     | 17.47            |
| MKTF-19  | 6/8/2015      | 6944.67                             | NA                                  | 6931.91                           | 12.76               | ND                    | NA                     | 17.47            |
| MKTF-19  | 8/18/2015     | 6944.67                             | NA                                  | 6932.07                           | 12.60               | ND                    | NA                     | 17.47            |
| MKTF-19  | 11/3/2015     | 6944.67                             | NA                                  | 6931.83                           | 12.84               | ND                    | NA                     | 17.47            |
| MKTF-19  | 2/25/2016     | 6944.67                             | NA                                  | 6932.05                           | 12.62               | ND                    | NA                     | 17.47            |
| MKTF-19  | 6/10/2016     | 6944.67                             | NA                                  | 6932.77                           | 11.90               | ND                    | NA                     | 17.47            |
| MKTF-19  | 9/12/2016     | 6944.67                             | NA                                  | 6933.42                           | 11.25               | ND                    | NA                     | 17.47            |

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| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| MKTF-19  | 11/3/2016     | 6944.67                             | NA                                  | 6931.83                           | 12.84               | ND                    | NA                     | 17.47            |
| MKTF-19  | 3/8/2017      | 6944.67                             | NA                                  | 6934.85                           | 9.82                | ND                    | NA                     | 17.47            |
| MKTF-19  | 6/14/2017     | 6944.67                             | NA                                  | 6934.09                           | 10.58               | ND                    | NA                     | 17.47            |
| MKTF-19  | 9/26/2017     | 6944.67                             | NA                                  | 6933.67                           | 11.00               | ND                    | NA                     | 17.47            |
| MKTF-19  | 11/30/2017    | 6944.67                             | NA                                  | 6932.97                           | 11.70               | ND                    | NA                     | 18.20            |
| MKTF-19  | 2/15/2018     | 6944.67                             | NA                                  | 6932.67                           | 12.00               | ND                    | NA                     | 18.45            |
| MKTF-19  | 4/26/2018     | 6944.67                             | NA                                  | 6932.62                           | 12.05               | ND                    | NA                     | 18.19            |
| MKTF-19  | 8/15/2018     | 6944.67                             | NA                                  | 6932.47                           | 12.20               | ND                    | NA                     | 19.30            |
| MKTF-19  | 11/27/2018    | 6944.67                             | NA                                  | 6932.30                           | 12.37               | ND                    | NA                     | 18.20            |
| MKTF-19  | 3/25/2019     | 6944.67                             | NA                                  | 6933.27                           | 11.40               | ND                    | NA                     | 17.47            |
| MKTF-19  | 5/9/2019      | 6944.67                             | NA                                  | 6933.36                           | 11.31               | ND                    | NA                     | 17.47            |
| MKTF-19  | 8/19/2019     | 6944.67                             | NA                                  | 6933.61                           | 11.06               | ND                    | NA                     | 19.30            |
| MKTF-19  | 10/28/2019    | 6944.67                             | NA                                  | 6933.76                           | 10.91               | ND                    | NA                     | 18.20            |
| MKTF-19  | 10/29/2019    | 6944.67                             | NA                                  | 6928.91                           | 15.76               | ND                    | NA                     | 18.20            |
| MKTF-19  | 11/12/2019    | 6944.67                             | NA                                  | 6933.82                           | 10.85               | ND                    | NA                     | 18.20            |
| MKTF-19  | 11/19/2019    | 6944.67                             | NA                                  | 6933.77                           | 10.90               | ND                    | NA                     | 18.20            |
| MKTF-19  | 11/21/2019    | 6944.67                             | NA                                  | 6933.62                           | 11.05               | ND                    | NA                     | 18.20            |
| MKTF-19  | 12/2/2019     | 6944.67                             | 6933.04                             | 6932.17                           | 12.50               | 11.63                 | 0.87                   | 18.20            |
| MKTF-19  | 2/3/2020      | 6944.67                             | 6933.32                             | 6932.27                           | 12.40               | 11.35                 | 1.05                   | 17.47            |
| MKTF-19  | 6/29/2020     | 6944.67                             | 6932.59                             | 6931.38                           | 13.29               | 12.08                 | 1.21                   | 17.47            |
| MKTF-19  | 9/14/2020     | 6944.67                             | 6932.72                             | 6932.70                           | 11.97               | 11.95                 | 0.02                   | 19.24            |
| MKTF-19  | 11/10/2020    | 6944.67                             | 6932.45                             | 6931.12                           | 13.55               | 12.22                 | 1.33                   | 19.24            |
| MKTF-19  | 12/4/2020     | 6944.67                             | 6932.49                             | 6931.25                           | 13.42               | 12.18                 | 1.24                   | 19.38            |
| MKTF-20  | 6/4/2014      | 6951.78                             | NA                                  | 6943.87                           | 7.91                | ND                    | NA                     | 9.89             |
| MKTF-20  | 9/23/2014     | 6951.78                             | NA                                  | 6943.40                           | 8.38                | ND                    | NA                     | 9.89             |
| MKTF-20  | 11/18/2014    | 6951.78                             | NA                                  | 6943.38                           | 8.40                | ND                    | NA                     | 9.89             |
| MKTF-20  | 3/16/2015     | 6951.78                             | NA                                  | 6944.52                           | 7.26                | ND                    | NA                     | 9.89             |
| MKTF-20  | 6/8/2015      | 6951.78                             | NA                                  | 6943.89                           | 7.89                | ND                    | NA                     | 9.89             |
| MKTF-20  | 8/23/2015     | 6951.78                             | NA                                  | 6943.99                           | 7.79                | ND                    | NA                     | 9.89             |
| MKTF-20  | 11/9/2015     | 6951.78                             | NA                                  | 6944.00                           | 7.78                | ND                    | NA                     | 9.89             |
| MKTF-20  | 2/29/2016     | 6951.78                             | NA                                  | 6943.97                           | 7.81                | ND                    | NA                     | 9.89             |
| MKTF-20  | 6/8/2016      | 6951.78                             | NA                                  | 6944.55                           | 7.23                | ND                    | NA                     | 9.89             |
| MKTF-20  | 9/11/2016     | 6951.78                             | NA                                  | 6944.13                           | 7.65                | ND                    | NA                     | 9.89             |
| MKTF-20  | 11/9/2016     | 6951.78                             | NA                                  | 6944.00                           | 7.78                | ND                    | NA                     | 9.89             |
| MKTF-20  | 3/14/2017     | 6951.78                             | NA                                  | 6946.08                           | 5.70                | ND                    | NA                     | 9.89             |
| MKTF-20  | 6/12/2017     | 6951.78                             | NA                                  | 6946.21                           | 5.57                | ND                    | NA                     | 9.89             |
| MKTF-20  | 9/26/2017     | 6951.78                             | NA                                  | 6945.55                           | 6.23                | ND                    | NA                     | 9.89             |
| MKTF-20  | 11/28/2017    | 6951.78                             | NA                                  | 6945.25                           | 6.53                | ND                    | NA                     | 9.58             |
| MKTF-20  | 2/14/2018     | 6951.78                             | NA                                  | 6944.33                           | 7.45                | ND                    | NA                     | 9.55             |
| MKTF-20  | 4/25/2018     | 6951.78                             | NA                                  | 6944.88                           | 6.90                | ND                    | NA                     | 9.50             |

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| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| MKTF-20  | 8/16/2018     | 6951.78                             | NA                                  | 6944.58                           | 7.20                | ND                    | NA                     | 9.56             |
| MKTF-20  | 11/29/2018    | 6951.78                             | NA                                  | 6944.26                           | 7.52                | ND                    | NA                     | 9.58             |
| MKTF-20  | 2/20/2019     | 6951.78                             | NA                                  | 6945.49                           | 6.29                | ND                    | NA                     | 8.83             |
| MKTF-20  | 5/13/2019     | 6951.78                             | NA                                  | 6944.64                           | 7.14                | ND                    | NA                     | 8.83             |
| MKTF-20  | 8/20/2019     | 6951.78                             | NA                                  | 6943.75                           | 8.03                | ND                    | NA                     | 8.83             |
| MKTF-20  | 11/4/2019     | 6951.78                             | NA                                  | 6944.10                           | 7.68                | ND                    | NA                     | 8.83             |
| MKTF-20  | 2/5/2020      | 6951.78                             | NA                                  | 6942.76                           | 9.02                | ND                    | NA                     | 8.83             |
| MKTF-20  | 6/26/2020     | 6951.78                             | NA                                  | 6943.11                           | 8.67                | ND                    | NA                     | 8.83             |
| MKTF-20  | 9/15/2020     | 6951.78                             | 6943.24                             | 6942.43                           | 9.35                | 8.54                  | 0.81                   | 9.62             |
| MKTF-20  | 11/10/2020    | 6951.78                             | 6943.68                             | 6942.88                           | 8.90                | 8.10                  | 0.80                   | 9.62             |
| MKTF-20  | 12/8/2020     | 6951.78                             | 6943.02                             | 6942.83                           | 8.95                | 8.76                  | 0.19                   | 9.60             |
| MKTF-21  | 6/4/2014      | 6952.57                             | NA                                  | 6944.89                           | 7.68                | ND                    | NA                     | 9.89             |
| MKTF-21  | 9/23/2014     | 6952.57                             | NA                                  | 6944.18                           | 8.39                | ND                    | NA                     | 9.89             |
| MKTF-21  | 11/18/2014    | 6952.57                             | NA                                  | 6944.57                           | 8.00                | ND                    | NA                     | 9.89             |
| MKTF-21  | 3/16/2015     | 6952.57                             | NA                                  | 6944.95                           | 7.62                | ND                    | NA                     | 9.89             |
| MKTF-21  | 6/10/2015     | 6952.57                             | NA                                  | 6944.61                           | 7.96                | ND                    | NA                     | 9.89             |
| MKTF-21  | 8/23/2015     | 6952.57                             | NA                                  | 6944.95                           | 7.62                | ND                    | NA                     | 9.89             |
| MKTF-21  | 11/9/2015     | 6952.57                             | NA                                  | 6945.11                           | 7.46                | ND                    | NA                     | 9.89             |
| MKTF-21  | 2/29/2016     | 6952.57                             | NA                                  | 6945.33                           | 7.24                | ND                    | NA                     | 9.89             |
| MKTF-21  | 6/8/2016      | 6952.57                             | NA                                  | 6945.59                           | 6.98                | ND                    | NA                     | 9.89             |
| MKTF-21  | 9/11/2016     | 6952.57                             | NA                                  | 6944.95                           | 7.62                | ND                    | NA                     | 9.89             |
| MKTF-21  | 11/9/2016     | 6952.57                             | NA                                  | 6945.11                           | 7.46                | ND                    | NA                     | 9.89             |
| MKTF-21  | 3/14/2017     | 6952.57                             | NA                                  | 6947.07                           | 5.50                | ND                    | NA                     | 9.89             |
| MKTF-21  | 6/21/2017     | 6952.57                             | NA                                  | 6947.48                           | 5.09                | ND                    | NA                     | 9.89             |
| MKTF-21  | 9/26/2017     | 6952.57                             | NA                                  | 6946.88                           | 5.69                | ND                    | NA                     | 9.89             |
| MKTF-21  | 11/28/2017    | 6952.57                             | NA                                  | 6946.32                           | 6.25                | ND                    | NA                     | 8.81             |
| MKTF-21  | 2/14/2018     | 6952.57                             | NA                                  | 6945.69                           | 6.88                | ND                    | NA                     | 8.80             |
| MKTF-21  | 4/25/2018     | 6952.57                             | NA                                  | 6946.25                           | 6.32                | ND                    | NA                     | 8.75             |
| MKTF-21  | 8/16/2018     | 6952.57                             | NA                                  | 6946.52                           | 6.05                | ND                    | NA                     | 8.80             |
| MKTF-21  | 11/29/2018    | 6952.57                             | NA                                  | 6945.05                           | 7.52                | ND                    | NA                     | 8.81             |
| MKTF-21  | 2/20/2019     | 6952.57                             | NA                                  | 6946.95                           | 5.62                | ND                    | NA                     | 8.81             |
| MKTF-21  | 5/13/2019     | 6952.57                             | NA                                  | 6945.87                           | 6.70                | ND                    | NA                     | 8.81             |
| MKTF-21  | 8/20/2019     | 6952.57                             | NA                                  | 6945.35                           | 7.22                | ND                    | NA                     | 8.81             |
| MKTF-21  | 10/30/2019    | 6952.57                             | NA                                  | 6944.25                           | 8.32                | ND                    | NA                     | 8.81             |
| MKTF-21  | 2/5/2020      | 6952.57                             | NA                                  | 6944.32                           | 8.25                | ND                    | NA                     | 8.83             |
| MKTF-21  | 6/26/2020     | 6952.57                             | 6944.40                             | 6944.37                           | 8.20                | 8.17                  | 0.03                   | 8.83             |
| MKTF-21  | 9/15/2020     | 6952.57                             | 6945.49                             | 6945.48                           | 7.09                | 7.08                  | 0.01                   | 8.84             |
| MKTF-21  | 11/10/2020    | 6952.57                             | NA                                  | 6946.16                           | 6.41                | ND                    | NA                     | 8.84             |
| MKTF-21  | 12/4/2020     | 6952.57                             | 6944.53                             | 6944.52                           | 8.05                | 8.04                  | 0.01                   | 8.80             |
| MKTF-22  | 6/4/2014      | 6942.31                             | NA                                  | 6916.06                           | 26.25               | ND                    | NA                     | 35.25            |

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| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| MKTF-22  | 11/17/2014    | 6942.31                             | NA                                  | 6915.64                           | 26.67               | ND                    | NA                     | 35.25            |
| MKTF-22  | 3/12/2015     | 6942.31                             | NA                                  | 6916.24                           | 26.07               | ND                    | NA                     | 35.25            |
| MKTF-22  | 6/9/2015      | 6942.31                             | NA                                  | 6916.13                           | 26.18               | ND                    | NA                     | 35.25            |
| MKTF-22  | 8/20/2015     | 6942.31                             | NA                                  | 6916.11                           | 26.20               | ND                    | NA                     | 36.25            |
| MKTF-22  | 11/9/2015     | 6942.31                             | NA                                  | 6916.26                           | 26.05               | ND                    | NA                     | 35.25            |
| MKTF-22  | 2/25/2016     | 6942.31                             | NA                                  | 6916.18                           | 26.13               | ND                    | NA                     | 35.25            |
| MKTF-22  | 6/10/2016     | 6942.31                             | NA                                  | 6916.25                           | 26.06               | ND                    | NA                     | 35.25            |
| MKTF-22  | 9/10/2016     | 6942.31                             | NA                                  | 6916.18                           | 26.13               | ND                    | NA                     | 36.25            |
| MKTF-22  | 11/9/2016     | 6942.31                             | NA                                  | 6916.26                           | 26.05               | ND                    | NA                     | 35.25            |
| MKTF-22  | 3/8/2017      | 6942.31                             | NA                                  | 6917.21                           | 25.10               | ND                    | NA                     | 35.25            |
| MKTF-22  | 6/7/2017      | 6942.31                             | NA                                  | 6917.00                           | 25.31               | ND                    | NA                     | 35.25            |
| MKTF-22  | 10/3/2017     | 6942.31                             | NA                                  | 6917.12                           | 25.19               | ND                    | NA                     | 35.25            |
| MKTF-22  | 11/27/2017    | 6942.31                             | NA                                  | 6917.13                           | 25.18               | ND                    | NA                     | 35.60            |
| MKTF-22  | 2/7/2018      | 6942.31                             | NA                                  | 6916.81                           | 25.50               | ND                    | NA                     | 35.60            |
| MKTF-22  | 4/26/2018     | 6942.31                             | NA                                  | 6916.91                           | 25.40               | ND                    | NA                     | 35.51            |
| MKTF-22  | 8/15/2018     | 6942.31                             | NA                                  | 6916.51                           | 25.80               | ND                    | NA                     | 35.62            |
| MKTF-22  | 11/27/2018    | 6942.31                             | NA                                  | 6916.74                           | 25.57               | ND                    | NA                     | 35.60            |
| MKTF-22  | 3/25/2019     | 6942.31                             | NA                                  | 6917.88                           | 24.43               | ND                    | NA                     | 35.25            |
| MKTF-22  | 5/9/2019      | 6942.31                             | NA                                  | 6917.67                           | 24.64               | ND                    | NA                     | 35.25            |
| MKTF-22  | 8/20/2019     | 6942.31                             | NA                                  | 6917.36                           | 24.95               | ND                    | NA                     | 35.62            |
| MKTF-22  | 10/24/2019    | 6942.31                             | NA                                  | 6916.91                           | 25.40               | ND                    | NA                     | 35.60            |
| MKTF-22  | 2/27/2020     | 6942.31                             | 6917.83                             | 6916.78                           | 25.53               | 24.48                 | 1.05                   | 35.25            |
| MKTF-22  | 6/29/2020     | 6942.31                             | 6917.74                             | 6914.60                           | 27.71               | 24.57                 | 3.14                   | 35.25            |
| MKTF-22  | 9/14/2020     | 6942.31                             | 6917.33                             | 6914.63                           | 27.68               | 24.98                 | 2.70                   | 35.09            |
| MKTF-22  | 11/10/2020    | 6942.31                             | 6917.37                             | 6915.02                           | 27.29               | 24.94                 | 2.35                   | 35.09            |
| MKTF-22  | 12/4/2020     | 6942.31                             | 6917.21                             | 6914.76                           | 27.55               | 25.10                 | 2.45                   | 35.09            |
| MKTF-23  | 6/4/2014      | 6929.98                             | NA                                  | 6915.13                           | 14.85               | ND                    | NA                     | 20.36            |
| MKTF-23  | 9/23/2014     | 6929.98                             | NA                                  | 6914.59                           | 15.39               | ND                    | NA                     | 20.36            |
| MKTF-23  | 11/17/2014    | 6929.98                             | NA                                  | 6914.71                           | 15.27               | ND                    | NA                     | 20.36            |
| MKTF-23  | 3/12/2015     | 6929.98                             | NA                                  | 6915.19                           | 14.79               | ND                    | NA                     | 20.36            |
| MKTF-23  | 6/9/2015      | 6929.98                             | NA                                  | 6916.16                           | 13.82               | ND                    | NA                     | 20.36            |
| MKTF-23  | 8/21/2015     | 6929.98                             | NA                                  | 6915.22                           | 14.76               | ND                    | NA                     | 21.36            |
| MKTF-23  | 11/9/2015     | 6929.98                             | NA                                  | 6915.37                           | 14.61               | ND                    | NA                     | 20.36            |
| MKTF-23  | 2/25/2016     | 6929.98                             | NA                                  | 6915.31                           | 14.67               | ND                    | NA                     | 20.36            |
| MKTF-23  | 6/10/2016     | 6929.98                             | NA                                  | 6915.34                           | 14.64               | ND                    | NA                     | 20.36            |
| MKTF-23  | 9/10/2016     | 6929.98                             | 6914.94                             | 6914.83                           | 15.15               | 15.04                 | 0.11                   | 21.36            |
| MKTF-23  | 11/9/2016     | 6929.98                             | NA                                  | 6915.37                           | 14.61               | ND                    | NA                     | 20.36            |
| MKTF-23  | 3/8/2017      | 6929.98                             | NA                                  | 6915.78                           | 14.20               | ND                    | NA                     | 20.36            |
| MKTF-23  | 6/7/2017      | 6929.98                             | 6915.78                             | 6915.08                           | 14.90               | 14.20                 | 0.70                   | 20.36            |
| MKTF-23  | 10/3/2017     | 6929.98                             | 6915.79                             | 6915.73                           | 14.25               | 14.19                 | 0.06                   | 20.36            |

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| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| MKTF-23  | 11/27/2017    | 6929.98                             | 6916.05                             | 6916.04                           | 13.94               | 13.93                 | 0.01                   | 20.36            |
| MKTF-23  | 2/7/2018      | 6929.98                             | 6915.87                             | 6915.78                           | 14.20               | 14.11                 | 0.09                   | 20.36            |
| MKTF-23  | 4/26/2018     | 6929.98                             | 6915.91                             | 6915.89                           | 14.09               | 14.07                 | 0.02                   | 20.27            |
| MKTF-23  | 8/15/2018     | 6929.98                             | 6914.50                             | 6914.40                           | 15.58               | 15.48                 | 0.10                   | 20.38            |
| MKTF-23  | 11/27/2018    | 6929.98                             | 6915.78                             | 6915.74                           | 14.24               | 14.20                 | 0.04                   | 20.36            |
| MKTF-23  | 3/25/2019     | 6929.98                             | NA                                  | 6917.43                           | 12.55               | ND                    | NA                     | 20.36            |
| MKTF-23  | 5/9/2019      | 6929.98                             | 6917.03                             | 6916.96                           | 13.02               | 12.95                 | 0.07                   | 20.36            |
| MKTF-23  | 8/20/2019     | 6929.98                             | 6916.51                             | 6916.48                           | 13.50               | 13.47                 | 0.03                   | 20.38            |
| MKTF-23  | 10/28/2019    | 6929.98                             | NA                                  | 6916.03                           | 13.95               | ND                    | NA                     | 20.36            |
| MKTF-23  | 2/27/2020     | 6929.98                             | NA                                  | 6916.56                           | 13.42               | ND                    | NA                     | 20.36            |
| MKTF-23  | 6/29/2020     | 6929.98                             | NA                                  | 6916.73                           | 13.25               | ND                    | NA                     | 20.36            |
| MKTF-23  | 9/19/2020     | 6929.98                             | 6914.56                             | 6914.54                           | 15.44               | 15.42                 | 0.02                   | 20.02            |
| MKTF-23  | 11/10/2020    | 6929.98                             | NA                                  | 6915.75                           | 14.23               | ND                    | NA                     | 20.02            |
| MKTF-23  | 12/4/2020     | 6929.98                             | 6915.83                             | 6915.82                           | 14.16               | 14.15                 | 0.01                   | 20.39            |
| MKTF-24  | 6/4/2014      | 6928.72                             | NA                                  | 6907.22                           | 21.50               | ND                    | NA                     | 30.47            |
| MKTF-24  | 9/23/2014     | 6928.72                             | NA                                  | 6906.15                           | 22.57               | ND                    | NA                     | 30.47            |
| MKTF-24  | 11/14/2014    | 6928.72                             | NA                                  | 6906.51                           | 22.21               | ND                    | NA                     | 30.47            |
| MKTF-24  | 3/11/2015     | 6928.72                             | NA                                  | 6907.18                           | 21.54               | ND                    | NA                     | 30.47            |
| MKTF-24  | 6/10/2015     | 6928.72                             | NA                                  | 6907.07                           | 21.65               | ND                    | NA                     | 30.47            |
| MKTF-24  | 8/20/2015     | 6928.72                             | NA                                  | 6907.19                           | 21.53               | ND                    | NA                     | 31.47            |
| MKTF-24  | 11/4/2015     | 6928.72                             | NA                                  | 6907.00                           | 21.72               | ND                    | NA                     | 30.47            |
| MKTF-24  | 2/22/2016     | 6928.72                             | NA                                  | 6907.38                           | 21.34               | ND                    | NA                     | 30.47            |
| MKTF-24  | 6/8/2016      | 6928.72                             | NA                                  | 6907.49                           | 21.23               | ND                    | NA                     | 30.47            |
| MKTF-24  | 9/7/2016      | 6928.72                             | NA                                  | 6906.03                           | 22.69               | ND                    | NA                     | 31.47            |
| MKTF-24  | 11/4/2016     | 6928.72                             | NA                                  | 6907.00                           | 21.72               | ND                    | NA                     | 30.47            |
| MKTF-24  | 3/6/2017      | 6928.72                             | NA                                  | 6908.11                           | 20.61               | ND                    | NA                     | 30.47            |
| MKTF-24  | 6/5/2017      | 6928.72                             | NA                                  | 6907.65                           | 21.07               | ND                    | NA                     | 30.47            |
| MKTF-24  | 10/3/2017     | 6928.72                             | NA                                  | 6907.20                           | 21.52               | ND                    | NA                     | 30.47            |
| MKTF-24  | 11/20/2017    | 6928.72                             | NA                                  | 6907.19                           | 21.53               | ND                    | NA                     | 30.82            |
| MKTF-24  | 2/6/2018      | 6928.72                             | NA                                  | 6907.12                           | 21.60               | ND                    | NA                     | 30.83            |
| MKTF-24  | 4/25/2018     | 6928.72                             | NA                                  | 6906.96                           | 21.76               | ND                    | NA                     | 30.78            |
| MKTF-24  | 8/15/2018     | 6928.72                             | NA                                  | 6906.07                           | 22.65               | ND                    | NA                     | 30.85            |
| MKTF-24  | 11/14/2018    | 6928.72                             | NA                                  | 6905.42                           | 23.30               | ND                    | NA                     | 30.82            |
| MKTF-24  | 2/25/2019     | 6928.72                             | NA                                  | 6906.29                           | 22.43               | ND                    | NA                     | 30.47            |
| MKTF-24  | 5/6/2019      | 6928.72                             | NA                                  | 6907.19                           | 21.53               | ND                    | NA                     | 30.47            |
| MKTF-24  | 8/23/2019     | 6928.72                             | NA                                  | 6906.67                           | 22.05               | ND                    | NA                     | 30.85            |
| MKTF-24  | 10/22/2019    | 6928.72                             | NA                                  | 6905.51                           | 23.21               | ND                    | NA                     | 30.82            |
| MKTF-24  | 2/24/2020     | 6928.72                             | NA                                  | 6906.55                           | 22.17               | ND                    | NA                     | 30.47            |
| MKTF-24  | 6/26/2020     | 6928.72                             | NA                                  | 6905.92                           | 22.80               | ND                    | NA                     | 30.47            |
| MKTF-24  | 9/15/2020     | 6928.72                             | NA                                  | 6905.37                           | 23.35               | ND                    | NA                     | 31.13            |

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| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| MKTF-24  | 11/10/2020    | 6928.72                             | NA                                  | 6905.40                           | 23.32               | ND                    | NA                     | 31.13            |
| MKTF-24  | 12/4/2020     | 6928.72                             | NA                                  | 6905.50                           | 23.22               | ND                    | NA                     | 31.18            |
| MKTF-25  | 6/6/2014      | 6916.19                             | NA                                  | 6905.31                           | 10.88               | ND                    | NA                     | 19.43            |
| MKTF-25  | 9/23/2014     | 6916.19                             | NA                                  | 6904.06                           | 12.13               | ND                    | NA                     | 19.43            |
| MKTF-25  | 11/5/2014     | 6916.19                             | NA                                  | 6904.99                           | 11.20               | ND                    | NA                     | 19.43            |
| MKTF-25  | 11/14/2014    | 6916.19                             | NA                                  | 6904.73                           | 11.46               | ND                    | NA                     | 19.43            |
| MKTF-25  | 3/11/2015     | 6916.19                             | NA                                  | 6905.34                           | 10.85               | ND                    | NA                     | 19.43            |
| MKTF-25  | 6/10/2015     | 6916.19                             | NA                                  | 6905.15                           | 11.04               | ND                    | NA                     | 19.43            |
| MKTF-25  | 8/21/2015     | 6916.19                             | NA                                  | 6905.59                           | 10.60               | ND                    | NA                     | 20.43            |
| MKTF-25  | 2/23/2016     | 6916.19                             | NA                                  | 6905.36                           | 10.83               | ND                    | NA                     | 19.43            |
| MKTF-25  | 6/9/2016      | 6916.19                             | NA                                  | 6904.97                           | 11.22               | ND                    | NA                     | 19.43            |
| MKTF-25  | 9/8/2016      | 6916.19                             | NA                                  | 6904.02                           | 12.17               | ND                    | NA                     | 20.43            |
| MKTF-25  | 11/5/2016     | 6916.19                             | NA                                  | 6904.99                           | 11.20               | ND                    | NA                     | 19.43            |
| MKTF-25  | 3/6/2017      | 6916.19                             | NA                                  | 6906.67                           | 9.52                | ND                    | NA                     | 19.43            |
| MKTF-25  | 6/5/2017      | 6916.19                             | NA                                  | 6905.96                           | 10.23               | ND                    | NA                     | 19.43            |
| MKTF-25  | 9/25/2017     | 6916.19                             | NA                                  | 6905.15                           | 11.04               | ND                    | NA                     | 19.43            |
| MKTF-25  | 11/21/2017    | 6916.19                             | NA                                  | 6905.08                           | 11.11               | ND                    | NA                     | 19.80            |
| MKTF-25  | 2/5/2018      | 6916.19                             | NA                                  | 6904.99                           | 11.20               | ND                    | NA                     | 19.55            |
| MKTF-25  | 4/25/2018     | 6916.19                             | NA                                  | 6905.01                           | 11.18               | ND                    | NA                     | 19.50            |
| MKTF-25  | 8/15/2018     | 6916.19                             | NA                                  | 6903.83                           | 12.36               | ND                    | NA                     | 19.78            |
| MKTF-25  | 11/14/2018    | 6916.19                             | NA                                  | 6902.84                           | 13.35               | ND                    | NA                     | 19.80            |
| MKTF-25  | 2/14/2019     | 6916.19                             | NA                                  | 6903.06                           | 13.13               | ND                    | NA                     | 19.43            |
| MKTF-25  | 5/6/2019      | 6916.19                             | NA                                  | 6904.19                           | 12.00               | ND                    | NA                     | 19.43            |
| MKTF-25  | 8/23/2019     | 6916.19                             | NA                                  | 6903.07                           | 13.12               | ND                    | NA                     | 19.78            |
| MKTF-25  | 8/27/2019     | 6916.19                             | NA                                  | 6902.96                           | 13.23               | ND                    | NA                     | 20.78            |
| MKTF-25  | 10/22/2019    | 6916.19                             | NA                                  | 6902.47                           | 13.72               | ND                    | NA                     | 19.80            |
| MKTF-25  | 2/26/2020     | 6916.19                             | NA                                  | 6903.25                           | 12.94               | ND                    | NA                     | 19.43            |
| MKTF-25  | 6/26/2020     | 6916.19                             | NA                                  | 6902.86                           | 13.33               | ND                    | NA                     | 19.43            |
| MKTF-25  | 9/15/2020     | 6916.19                             | NA                                  | 6902.29                           | 13.90               | ND                    | NA                     | 20.09            |
| MKTF-25  | 11/10/2020    | 6916.19                             | NA                                  | 6902.44                           | 13.75               | ND                    | NA                     | 20.09            |
| MKTF-25  | 12/4/2020     | 6916.19                             | NA                                  | 6902.57                           | 13.62               | ND                    | NA                     | 20.38            |
| MKTF-26  | 6/4/2014      | 6915.31                             | NA                                  | 6906.68                           | 8.63                | ND                    | NA                     | 17.15            |
| MKTF-26  | 9/23/2014     | 6915.31                             | NA                                  | 6906.01                           | 9.30                | ND                    | NA                     | 17.15            |
| MKTF-26  | 11/14/2014    | 6915.31                             | NA                                  | 6906.59                           | 8.72                | ND                    | NA                     | 17.15            |
| MKTF-26  | 3/11/2015     | 6915.31                             | NA                                  | 6907.31                           | 8.00                | ND                    | NA                     | 17.15            |
| MKTF-26  | 6/10/2015     | 6915.31                             | NA                                  | 6906.74                           | 8.57                | ND                    | NA                     | 17.15            |
| MKTF-26  | 8/20/2015     | 6915.31                             | NA                                  | 6906.77                           | 8.54                | ND                    | NA                     | 18.15            |
| MKTF-26  | 11/4/2015     | 6915.31                             | NA                                  | 6906.91                           | 8.40                | ND                    | NA                     | 17.15            |
| MKTF-26  | 2/22/2016     | 6915.31                             | NA                                  | 6907.14                           | 8.17                | ND                    | NA                     | 17.15            |
| MKTF-26  | 6/9/2016      | 6915.31                             | NA                                  | 6905.71                           | 9.60                | ND                    | NA                     | 17.15            |

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| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| MKTF-26  | 9/7/2016      | 6915.31                             | 6905.87                             | 6904.50                           | 10.81               | 9.44                  | 1.37                   | 18.15            |
| MKTF-26  | 11/4/2016     | 6915.31                             | NA                                  | 6906.91                           | 8.40                | ND                    | NA                     | 17.15            |
| MKTF-26  | 3/6/2017      | 6915.31                             | 6907.87                             | 6907.12                           | 8.19                | 7.44                  | 0.75                   | 17.15            |
| MKTF-26  | 6/5/2017      | 6915.31                             | 6907.28                             | 6906.32                           | 8.99                | 8.03                  | 0.96                   | 17.15            |
| MKTF-26  | 10/3/2017     | 6915.31                             | 6907.54                             | 6906.71                           | 8.60                | 7.77                  | 0.83                   | 17.15            |
| MKTF-26  | 11/20/2017    | 6915.31                             | 6907.22                             | 6906.38                           | 8.93                | 8.09                  | 0.84                   | 17.15            |
| MKTF-26  | 2/7/2018      | 6915.31                             | 6906.78                             | 6905.95                           | 9.36                | 8.53                  | 0.83                   | 17.15            |
| MKTF-26  | 4/25/2018     | 6915.31                             | 6906.75                             | 6905.94                           | 9.37                | 8.56                  | 0.81                   | 17.05            |
| MKTF-26  | 8/15/2018     | 6915.31                             | 6906.58                             | 6905.74                           | 9.57                | 8.73                  | 0.84                   | 17.17            |
| MKTF-26  | 11/14/2018    | 6915.31                             | 6906.86                             | 6905.41                           | 9.90                | 8.45                  | 1.45                   | 17.15            |
| MKTF-26  | 2/14/2019     | 6915.31                             | 6906.93                             | 6906.16                           | 9.15                | 8.38                  | 0.77                   | 17.15            |
| MKTF-26  | 5/6/2019      | 6915.31                             | 6907.51                             | 6906.66                           | 8.65                | 7.80                  | 0.85                   | 17.15            |
| MKTF-26  | 8/23/2019     | 6915.31                             | 6907.09                             | 6906.26                           | 9.05                | 8.22                  | 0.83                   | 17.17            |
| MKTF-26  | 10/22/2019    | 6915.31                             | 6906.68                             | 6905.95                           | 9.36                | 8.63                  | 0.73                   | 17.15            |
| MKTF-26  | 2/26/2020     | 6915.31                             | 6906.96                             | 6906.20                           | 9.11                | 8.35                  | 0.76                   | 17.15            |
| MKTF-26  | 6/26/2020     | 6915.31                             | 6906.70                             | 6905.81                           | 9.50                | 8.61                  | 0.89                   | 17.15            |
| MKTF-26  | 9/15/2020     | 6915.31                             | 6906.50                             | 6905.75                           | 9.56                | 8.81                  | 0.75                   | 16.85            |
| MKTF-26  | 11/10/2020    | 6915.31                             | 6906.66                             | 6905.95                           | 9.36                | 8.65                  | 0.71                   | 16.85            |
| MKTF-26  | 12/4/2020     | 6915.31                             | 6907.64                             | 6905.92                           | 9.39                | 7.67                  | 1.72                   | 17.16            |
| MKTF-27  | 6/4/2014      | 6917.90                             | NA                                  | 6910.23                           | 7.67                | ND                    | NA                     | 14.72            |
| MKTF-27  | 9/23/2014     | 6917.90                             | NA                                  | 6909.30                           | 8.60                | ND                    | NA                     | 14.72            |
| MKTF-27  | 11/14/2014    | 6917.90                             | NA                                  | 6909.75                           | 8.15                | ND                    | NA                     | 14.72            |
| MKTF-27  | 3/11/2015     | 6917.90                             | NA                                  | 6910.80                           | 7.10                | ND                    | NA                     | 14.72            |
| MKTF-27  | 6/9/2015      | 6917.90                             | NA                                  | 6910.46                           | 7.44                | ND                    | NA                     | 14.72            |
| MKTF-27  | 8/20/2015     | 6917.90                             | NA                                  | 6910.05                           | 7.85                | ND                    | NA                     | 15.72            |
| MKTF-27  | 11/4/2015     | 6917.90                             | NA                                  | 6910.37                           | 7.53                | ND                    | NA                     | 14.72            |
| MKTF-27  | 2/22/2016     | 6917.90                             | NA                                  | 6910.70                           | 7.20                | ND                    | NA                     | 14.72            |
| MKTF-27  | 6/8/2016      | 6917.90                             | NA                                  | 6910.39                           | 7.51                | ND                    | NA                     | 14.72            |
| MKTF-27  | 9/7/2016      | 6917.90                             | NA                                  | 6909.84                           | 8.06                | ND                    | NA                     | 15.72            |
| MKTF-27  | 11/4/2016     | 6917.90                             | NA                                  | 6910.37                           | 7.53                | ND                    | NA                     | 14.72            |
| MKTF-27  | 3/6/2017      | 6917.90                             | NA                                  | 6911.88                           | 6.02                | ND                    | NA                     | 14.72            |
| MKTF-27  | 6/5/2017      | 6917.90                             | NA                                  | 6911.58                           | 6.32                | ND                    | NA                     | 14.72            |
| MKTF-27  | 10/3/2017     | 6917.90                             | NA                                  | 6912.00                           | 5.90                | ND                    | NA                     | 14.72            |
| MKTF-27  | 11/20/2017    | 6917.90                             | NA                                  | 6911.92                           | 5.98                | ND                    | NA                     | 14.72            |
| MKTF-27  | 2/6/2018      | 6917.90                             | NA                                  | 6911.65                           | 6.25                | ND                    | NA                     | 14.72            |
| MKTF-27  | 4/25/2018     | 6917.90                             | NA                                  | 6911.56                           | 6.34                | ND                    | NA                     | 14.62            |
| MKTF-27  | 8/15/2018     | 6917.90                             | NA                                  | 6911.75                           | 6.15                | ND                    | NA                     | 14.72            |
| MKTF-27  | 11/14/2018    | 6917.90                             | NA                                  | 6911.59                           | 6.31                | ND                    | NA                     | 14.72            |
| MKTF-27  | 2/25/2019     | 6917.90                             | NA                                  | 6914.15                           | 3.75                | ND                    | NA                     | 14.72            |
| MKTF-27  | 5/6/2019      | 6917.90                             | NA                                  | 6912.17                           | 5.73                | ND                    | NA                     | 14.72            |

**APPENDIX A. FLUID LEVEL MEASUREMENTS**  
**MARATHON PETROLEUM COMPANY**  
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| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| MKTF-27  | 8/21/2019     | 6917.90                             | NA                                  | 6912.24                           | 5.66                | ND                    | NA                     | 14.72            |
| MKTF-27  | 10/30/2019    | 6917.90                             | NA                                  | 6911.76                           | 6.14                | ND                    | NA                     | 14.72            |
| MKTF-27  | 2/24/2020     | 6917.90                             | NA                                  | 6914.29                           | 3.61                | ND                    | NA                     | 14.72            |
| MKTF-27  | 6/30/2020     | 6917.90                             | NA                                  | 6911.20                           | 6.70                | ND                    | NA                     | 14.72            |
| MKTF-27  | 9/15/2020     | 6917.90                             | NA                                  | 6911.69                           | 6.21                | ND                    | NA                     | 14.72            |
| MKTF-27  | 11/10/2020    | 6917.90                             | NA                                  | 6911.18                           | 6.72                | ND                    | NA                     | 14.72            |
| MKTF-27  | 12/4/2020     | 6917.90                             | NA                                  | 6911.43                           | 6.47                | ND                    | NA                     | 14.74            |
| MKTF-28  | 6/6/2014      | 6921.52                             | NA                                  | 6909.72                           | 11.80               | ND                    | NA                     | 16.16            |
| MKTF-28  | 9/23/2014     | 6921.52                             | NA                                  | 6915.32                           | 6.20                | ND                    | NA                     | 16.16            |
| MKTF-28  | 11/14/2014    | 6921.52                             | NA                                  | 6915.52                           | 6.00                | ND                    | NA                     | 16.16            |
| MKTF-28  | 3/11/2015     | 6921.52                             | NA                                  | 6914.88                           | 6.64                | ND                    | NA                     | 16.16            |
| MKTF-28  | 6/9/2015      | 6921.52                             | NA                                  | 6916.12                           | 5.40                | ND                    | NA                     | 16.16            |
| MKTF-28  | 8/20/2015     | 6921.52                             | NA                                  | 6915.10                           | 6.42                | ND                    | NA                     | 17.16            |
| MKTF-28  | 11/4/2015     | 6921.52                             | NA                                  | 6915.78                           | 5.74                | ND                    | NA                     | 16.16            |
| MKTF-28  | 2/23/2016     | 6921.52                             | NA                                  | 6916.20                           | 5.32                | ND                    | NA                     | 16.16            |
| MKTF-28  | 6/8/2016      | 6921.52                             | NA                                  | 6916.24                           | 5.28                | ND                    | NA                     | 16.16            |
| MKTF-28  | 9/8/2016      | 6921.52                             | NA                                  | 6915.12                           | 6.40                | ND                    | NA                     | 17.16            |
| MKTF-28  | 11/4/2016     | 6921.52                             | NA                                  | 6915.78                           | 5.74                | ND                    | NA                     | 16.16            |
| MKTF-28  | 3/6/2017      | 6921.52                             | NA                                  | 6916.84                           | 4.68                | ND                    | NA                     | 16.16            |
| MKTF-28  | 6/5/2017      | 6921.52                             | NA                                  | 6913.62                           | 7.90                | ND                    | NA                     | 16.16            |
| MKTF-28  | 10/3/2017     | 6921.52                             | NA                                  | 6917.24                           | 4.28                | ND                    | NA                     | 16.16            |
| MKTF-28  | 11/20/2017    | 6921.52                             | NA                                  | 6913.62                           | 7.90                | ND                    | NA                     | 16.13            |
| MKTF-28  | 2/6/2018      | 6921.52                             | NA                                  | 6914.79                           | 6.73                | ND                    | NA                     | 16.13            |
| MKTF-28  | 4/25/2018     | 6921.52                             | NA                                  | 6914.54                           | 6.98                | ND                    | NA                     | 16.04            |
| MKTF-28  | 8/15/2018     | 6921.52                             | NA                                  | 6917.07                           | 4.45                | ND                    | NA                     | 16.15            |
| MKTF-28  | 11/14/2018    | 6921.52                             | NA                                  | 6915.40                           | 6.12                | ND                    | NA                     | 16.13            |
| MKTF-28  | 2/25/2019     | 6921.52                             | NA                                  | 6916.61                           | 4.91                | ND                    | NA                     | 16.16            |
| MKTF-28  | 5/6/2019      | 6921.52                             | NA                                  | 6912.25                           | 9.27                | ND                    | NA                     | 16.16            |
| MKTF-28  | 8/21/2019     | 6921.52                             | NA                                  | 6917.70                           | 3.82                | ND                    | NA                     | 16.15            |
| MKTF-28  | 10/22/2019    | 6921.52                             | NA                                  | 6915.14                           | 6.38                | ND                    | NA                     | 16.13            |
| MKTF-28  | 2/24/2020     | 6921.52                             | NA                                  | 6916.99                           | 4.53                | ND                    | NA                     | 16.16            |
| MKTF-28  | 6/30/2020     | 6921.52                             | NA                                  | 6916.68                           | 4.84                | ND                    | NA                     | 16.16            |
| MKTF-28  | 9/15/2020     | 6921.52                             | NA                                  | 6916.93                           | 4.59                | ND                    | NA                     | 16.17            |
| MKTF-28  | 11/10/2020    | 6921.52                             | NA                                  | 6912.71                           | 8.81                | ND                    | NA                     | 16.17            |
| MKTF-28  | 12/4/2020     | 6921.52                             | NA                                  | 6914.39                           | 7.13                | ND                    | NA                     | 16.16            |
| MKTF-29  | 6/6/2014      | 6901.62                             | NA                                  | 6899.48                           | 2.14                | ND                    | NA                     | 22.84            |
| MKTF-29  | 9/23/2014     | 6901.62                             | NA                                  | 6897.22                           | 4.40                | ND                    | NA                     | 22.84            |
| MKTF-29  | 11/14/2014    | 6901.62                             | NA                                  | 6898.57                           | 3.05                | ND                    | NA                     | 22.84            |
| MKTF-29  | 3/11/2015     | 6901.62                             | NA                                  | 6899.58                           | 2.04                | ND                    | NA                     | 22.84            |
| MKTF-29  | 6/10/2015     | 6901.62                             | NA                                  | 6898.93                           | 2.69                | ND                    | NA                     | 22.84            |

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**MARATHON PETROLEUM COMPANY**  
**GALLUP REFINING DIVISION, GALLUP, NEW MEXICO**

| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| MKTF-29  | 8/20/2015     | 6901.62                             | NA                                  | 6899.32                           | 2.30                | ND                    | NA                     | 23.84            |
| MKTF-29  | 11/4/2015     | 6901.62                             | NA                                  | 6899.22                           | 2.40                | ND                    | NA                     | 22.84            |
| MKTF-29  | 2/23/2016     | 6901.62                             | NA                                  | 6899.70                           | 1.92                | ND                    | NA                     | 22.84            |
| MKTF-29  | 6/9/2016      | 6901.62                             | NA                                  | 6898.93                           | 2.69                | ND                    | NA                     | 22.84            |
| MKTF-29  | 9/7/2016      | 6901.62                             | NA                                  | 6897.10                           | 4.52                | ND                    | NA                     | 23.84            |
| MKTF-29  | 11/4/2016     | 6901.62                             | NA                                  | 6899.22                           | 2.40                | ND                    | NA                     | 22.84            |
| MKTF-29  | 3/6/2017      | 6901.62                             | NA                                  | 6900.63                           | 0.99                | ND                    | NA                     | 22.84            |
| MKTF-29  | 6/5/2017      | 6901.62                             | NA                                  | 6900.67                           | 0.95                | ND                    | NA                     | 22.84            |
| MKTF-29  | 10/3/2017     | 6901.62                             | NA                                  | 6900.03                           | 1.59                | ND                    | NA                     | 22.84            |
| MKTF-29  | 11/20/2017    | 6901.62                             | NA                                  | 6899.71                           | 1.91                | ND                    | NA                     | 22.80            |
| MKTF-29  | 2/6/2018      | 6901.62                             | NA                                  | 6899.69                           | 1.93                | ND                    | NA                     | 22.81            |
| MKTF-29  | 4/25/2018     | 6901.62                             | NA                                  | 6899.50                           | 2.12                | ND                    | NA                     | 22.77            |
| MKTF-29  | 8/15/2018     | 6901.62                             | NA                                  | 6897.70                           | 3.92                | ND                    | NA                     | 22.82            |
| MKTF-29  | 11/14/2018    | 6901.62                             | NA                                  | 6897.53                           | 4.09                | ND                    | NA                     | 22.80            |
| MKTF-29  | 2/25/2019     | 6901.62                             | NA                                  | 6897.89                           | 3.73                | ND                    | NA                     | 22.84            |
| MKTF-29  | 5/6/2019      | 6901.62                             | NA                                  | 6897.90                           | 3.72                | ND                    | NA                     | 22.84            |
| MKTF-29  | 8/23/2019     | 6901.62                             | NA                                  | 6895.79                           | 5.83                | ND                    | NA                     | 22.82            |
| MKTF-29  | 10/22/2019    | 6901.62                             | NA                                  | 6895.30                           | 6.32                | ND                    | NA                     | 22.80            |
| MKTF-29  | 2/24/2020     | 6901.62                             | NA                                  | 6897.13                           | 4.49                | ND                    | NA                     | 22.84            |
| MKTF-29  | 6/26/2020     | 6901.62                             | NA                                  | 6895.20                           | 6.42                | ND                    | NA                     | 22.84            |
| MKTF-29  | 9/15/2020     | 6901.62                             | NA                                  | 6893.61                           | 8.01                | ND                    | NA                     | 22.78            |
| MKTF-29  | 11/10/2020    | 6901.62                             | NA                                  | 6894.64                           | 6.98                | ND                    | NA                     | 22.78            |
| MKTF-29  | 12/4/2020     | 6901.62                             | NA                                  | 6895.22                           | 6.40                | ND                    | NA                     | 22.85            |
| MKTF-30  | 6/4/2014      | 6900.80                             | NA                                  | 6886.09                           | 14.71               | ND                    | NA                     | 23.20            |
| MKTF-30  | 9/23/2014     | 6900.80                             | NA                                  | 6884.91                           | 15.89               | ND                    | NA                     | 23.20            |
| MKTF-30  | 11/17/2014    | 6900.80                             | NA                                  | 6884.93                           | 15.87               | ND                    | NA                     | 23.20            |
| MKTF-30  | 3/11/2015     | 6900.80                             | NA                                  | 6886.06                           | 14.74               | ND                    | NA                     | 23.20            |
| MKTF-30  | 6/10/2015     | 6900.80                             | NA                                  | 6886.23                           | 14.57               | ND                    | NA                     | 23.20            |
| MKTF-30  | 8/20/2015     | 6900.80                             | NA                                  | 6885.51                           | 15.29               | ND                    | NA                     | 24.20            |
| MKTF-30  | 11/4/2015     | 6900.80                             | NA                                  | 6886.06                           | 14.74               | ND                    | NA                     | 23.20            |
| MKTF-30  | 2/23/2016     | 6900.80                             | NA                                  | 6886.40                           | 14.40               | ND                    | NA                     | 23.20            |
| MKTF-30  | 6/9/2016      | 6900.80                             | NA                                  | 6886.79                           | 14.01               | ND                    | NA                     | 23.20            |
| MKTF-30  | 9/7/2016      | 6900.80                             | NA                                  | 6885.32                           | 15.48               | ND                    | NA                     | 24.20            |
| MKTF-30  | 11/4/2016     | 6900.80                             | NA                                  | 6886.06                           | 14.74               | ND                    | NA                     | 23.20            |
| MKTF-30  | 3/6/2017      | 6900.80                             | NA                                  | 6886.67                           | 14.13               | ND                    | NA                     | 23.20            |
| MKTF-30  | 6/5/2017      | 6900.80                             | NA                                  | 6886.93                           | 13.87               | ND                    | NA                     | 23.20            |
| MKTF-30  | 10/3/2017     | 6900.80                             | NA                                  | 6885.77                           | 15.03               | ND                    | NA                     | 23.20            |
| MKTF-30  | 11/20/2017    | 6900.80                             | NA                                  | 6885.89                           | 14.91               | ND                    | NA                     | 23.19            |
| MKTF-30  | 2/6/2018      | 6900.80                             | NA                                  | 6886.60                           | 14.20               | ND                    | NA                     | 23.20            |
| MKTF-30  | 4/25/2018     | 6900.80                             | NA                                  | 6887.01                           | 13.79               | ND                    | NA                     | 23.10            |

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| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| MKTF-30  | 8/15/2018     | 6900.80                             | NA                                  | 6886.15                           | 14.65               | ND                    | NA                     | 23.20            |
| MKTF-30  | 11/14/2018    | 6900.80                             | NA                                  | 6885.65                           | 15.15               | ND                    | NA                     | 23.19            |
| MKTF-30  | 3/28/2019     | 6900.80                             | NA                                  | 6887.12                           | 13.68               | ND                    | NA                     | 23.20            |
| MKTF-30  | 5/6/2019      | 6900.80                             | NA                                  | 6886.99                           | 13.81               | ND                    | NA                     | 23.20            |
| MKTF-30  | 8/23/2019     | 6900.80                             | NA                                  | 6885.92                           | 14.88               | ND                    | NA                     | 23.20            |
| MKTF-30  | 10/22/2019    | 6900.80                             | NA                                  | 6884.98                           | 15.82               | ND                    | NA                     | 23.19            |
| MKTF-30  | 2/26/2020     | 6900.80                             | NA                                  | 6885.49                           | 15.31               | ND                    | NA                     | 23.20            |
| MKTF-30  | 6/26/2020     | 6900.80                             | NA                                  | 6884.61                           | 16.19               | ND                    | NA                     | 23.20            |
| MKTF-30  | 9/15/2020     | 6900.80                             | NA                                  | 6884.14                           | 16.66               | ND                    | NA                     | 23.22            |
| MKTF-30  | 11/10/2020    | 6900.80                             | NA                                  | 6883.93                           | 16.87               | ND                    | NA                     | 23.22            |
| MKTF-30  | 12/4/2020     | 6900.80                             | NA                                  | 6884.04                           | 16.76               | ND                    | NA                     | 23.22            |
| MKTF-31  | 6/4/2014      | 6906.87                             | NA                                  | 6899.17                           | 7.70                | ND                    | NA                     | 22.81            |
| MKTF-31  | 9/23/2014     | 6906.87                             | NA                                  | 6898.52                           | 8.35                | ND                    | NA                     | 22.81            |
| MKTF-31  | 11/17/2014    | 6906.87                             | NA                                  | 6898.47                           | 8.40                | ND                    | NA                     | 22.81            |
| MKTF-31  | 3/11/2015     | 6906.87                             | NA                                  | 6898.89                           | 7.98                | ND                    | NA                     | 22.81            |
| MKTF-31  | 6/10/2015     | 6906.87                             | NA                                  | 6899.12                           | 7.75                | ND                    | NA                     | 22.81            |
| MKTF-31  | 8/21/2015     | 6906.87                             | NA                                  | 6898.78                           | 8.09                | ND                    | NA                     | 23.81            |
| MKTF-31  | 11/4/2015     | 6906.87                             | NA                                  | 6898.73                           | 8.14                | ND                    | NA                     | 22.81            |
| MKTF-31  | 2/23/2016     | 6906.87                             | NA                                  | 6898.92                           | 7.95                | ND                    | NA                     | 22.81            |
| MKTF-31  | 6/9/2016      | 6906.87                             | NA                                  | 6899.12                           | 7.75                | ND                    | NA                     | 22.81            |
| MKTF-31  | 9/8/2016      | 6906.87                             | NA                                  | 6898.39                           | 8.48                | ND                    | NA                     | 23.81            |
| MKTF-31  | 11/4/2016     | 6906.87                             | NA                                  | 6898.73                           | 8.14                | ND                    | NA                     | 22.81            |
| MKTF-31  | 3/7/2017      | 6906.87                             | NA                                  | 6899.03                           | 7.84                | ND                    | NA                     | 22.81            |
| MKTF-31  | 6/5/2017      | 6906.87                             | NA                                  | 6899.29                           | 7.58                | ND                    | NA                     | 22.81            |
| MKTF-31  | 9/25/2017     | 6906.87                             | NA                                  | 6898.58                           | 8.29                | ND                    | NA                     | 23.81            |
| MKTF-31  | 11/21/2017    | 6906.87                             | NA                                  | 6898.72                           | 8.15                | ND                    | NA                     | 19.30            |
| MKTF-31  | 2/5/2018      | 6906.87                             | NA                                  | 6898.97                           | 7.90                | ND                    | NA                     | 19.31            |
| MKTF-31  | 4/25/2018     | 6906.87                             | NA                                  | 6899.14                           | 7.73                | ND                    | NA                     | 19.26            |
| MKTF-31  | 8/15/2018     | 6906.87                             | NA                                  | 6898.62                           | 8.25                | ND                    | NA                     | 19.35            |
| MKTF-31  | 11/14/2018    | 6906.87                             | NA                                  | 6898.43                           | 8.44                | ND                    | NA                     | 19.30            |
| MKTF-31  | 2/14/2019     | 6906.87                             | NA                                  | 6898.62                           | 8.25                | ND                    | NA                     | 22.81            |
| MKTF-31  | 5/6/2019      | 6906.87                             | NA                                  | 6899.15                           | 7.72                | ND                    | NA                     | 22.81            |
| MKTF-31  | 8/23/2019     | 6906.87                             | NA                                  | 6898.57                           | 8.30                | ND                    | NA                     | 19.35            |
| MKTF-31  | 10/22/2019    | 6906.87                             | NA                                  | 6898.23                           | 8.64                | ND                    | NA                     | 19.30            |
| MKTF-31  | 2/24/2020     | 6906.87                             | NA                                  | 6898.77                           | 8.10                | ND                    | NA                     | 22.81            |
| MKTF-31  | 6/26/2020     | 6906.87                             | NA                                  | 6898.62                           | 8.25                | ND                    | NA                     | 22.81            |
| MKTF-31  | 9/15/2020     | 6906.87                             | NA                                  | 6898.12                           | 8.75                | ND                    | NA                     | 19.34            |
| MKTF-31  | 11/10/2020    | 6906.87                             | NA                                  | 6898.08                           | 8.79                | ND                    | NA                     | 19.34            |
| MKTF-31  | 12/4/2020     | 6906.87                             | NA                                  | 6898.14                           | 8.73                | ND                    | NA                     | 19.37            |
| MKTF-32  | 6/4/2014      | 6911.11                             | NA                                  | 6894.59                           | 16.52               | ND                    | NA                     | 27.75            |

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| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| MKTF-32  | 9/23/2014     | 6911.11                             | NA                                  | 6894.43                           | 16.68               | ND                    | NA                     | 27.75            |
| MKTF-32  | 11/17/2014    | 6911.11                             | NA                                  | 6894.63                           | 16.48               | ND                    | NA                     | 27.75            |
| MKTF-32  | 3/12/2015     | 6911.11                             | NA                                  | 6895.62                           | 15.49               | ND                    | NA                     | 27.75            |
| MKTF-32  | 6/9/2015      | 6911.11                             | NA                                  | 6895.62                           | 15.49               | ND                    | NA                     | 27.75            |
| MKTF-32  | 8/21/2015     | 6911.11                             | NA                                  | 6895.96                           | 15.15               | ND                    | NA                     | 28.75            |
| MKTF-32  | 11/5/2015     | 6911.11                             | NA                                  | 6896.27                           | 14.84               | ND                    | NA                     | 27.75            |
| MKTF-32  | 2/24/2016     | 6911.11                             | NA                                  | 6896.58                           | 14.53               | ND                    | NA                     | 27.75            |
| MKTF-32  | 6/9/2016      | 6911.11                             | NA                                  | 6896.80                           | 14.31               | ND                    | NA                     | 27.75            |
| MKTF-32  | 9/9/2016      | 6911.11                             | NA                                  | 6896.71                           | 14.40               | ND                    | NA                     | 28.75            |
| MKTF-32  | 11/5/2016     | 6911.11                             | NA                                  | 6896.27                           | 14.84               | ND                    | NA                     | 27.75            |
| MKTF-32  | 3/7/2017      | 6911.11                             | NA                                  | 6897.41                           | 13.70               | ND                    | NA                     | 27.75            |
| MKTF-32  | 6/6/2017      | 6911.11                             | NA                                  | 6897.32                           | 13.79               | ND                    | NA                     | 27.75            |
| MKTF-32  | 9/25/2017     | 6911.11                             | NA                                  | 6897.00                           | 14.11               | ND                    | NA                     | 28.75            |
| MKTF-32  | 11/27/2017    | 6911.11                             | NA                                  | 6897.54                           | 13.57               | ND                    | NA                     | 27.75            |
| MKTF-32  | 2/7/2018      | 6911.11                             | NA                                  | 6897.41                           | 13.70               | ND                    | NA                     | 27.75            |
| MKTF-32  | 4/25/2018     | 6911.11                             | NA                                  | 6897.63                           | 13.48               | ND                    | NA                     | 27.66            |
| MKTF-32  | 8/15/2018     | 6911.11                             | NA                                  | 6897.11                           | 14.00               | ND                    | NA                     | 27.77            |
| MKTF-32  | 11/14/2018    | 6911.11                             | NA                                  | 6897.01                           | 14.10               | ND                    | NA                     | 27.75            |
| MKTF-32  | 2/13/2019     | 6911.11                             | NA                                  | 6897.62                           | 13.49               | ND                    | NA                     | 27.75            |
| MKTF-32  | 5/7/2019      | 6911.11                             | NA                                  | 6897.86                           | 13.25               | ND                    | NA                     | 27.75            |
| MKTF-32  | 8/20/2019     | 6911.11                             | NA                                  | 6897.08                           | 14.03               | ND                    | NA                     | 27.77            |
| MKTF-32  | 10/23/2019    | 6911.11                             | NA                                  | 6897.10                           | 14.01               | ND                    | NA                     | 27.75            |
| MKTF-32  | 2/26/2020     | 6911.11                             | NA                                  | 6897.33                           | 13.78               | ND                    | NA                     | 27.75            |
| MKTF-32  | 6/29/2020     | 6911.11                             | NA                                  | 6896.86                           | 14.25               | ND                    | NA                     | 27.75            |
| MKTF-32  | 9/14/2020     | 6911.11                             | NA                                  | 6896.53                           | 14.58               | ND                    | NA                     | 27.46            |
| MKTF-32  | 11/10/2020    | 6911.11                             | NA                                  | 6896.80                           | 14.31               | ND                    | NA                     | 27.46            |
| MKTF-32  | 12/4/2020     | 6911.11                             | NA                                  | 6896.86                           | 14.25               | ND                    | NA                     | 27.82            |
| MKTF-33  | 6/6/2014      | 6939.75                             | NA                                  | 6916.35                           | 23.40               | ND                    | NA                     | 33.20            |
| MKTF-33  | 9/23/2014     | 6939.75                             | NA                                  | 6916.06                           | 23.69               | ND                    | NA                     | 33.20            |
| MKTF-33  | 11/17/2014    | 6939.75                             | NA                                  | 6915.96                           | 23.79               | ND                    | NA                     | 33.20            |
| MKTF-33  | 3/12/2015     | 6939.75                             | NA                                  | 6916.43                           | 23.32               | ND                    | NA                     | 33.20            |
| MKTF-33  | 6/9/2015      | 6939.75                             | NA                                  | 6916.45                           | 23.30               | ND                    | NA                     | 33.20            |
| MKTF-33  | 8/21/2015     | 6939.75                             | NA                                  | 6916.43                           | 23.32               | ND                    | NA                     | 34.20            |
| MKTF-33  | 11/9/2015     | 6939.75                             | NA                                  | 6916.56                           | 23.19               | ND                    | NA                     | 33.20            |
| MKTF-33  | 2/25/2016     | 6939.75                             | NA                                  | 6916.55                           | 23.20               | ND                    | NA                     | 33.20            |
| MKTF-33  | 6/10/2016     | 6939.75                             | NA                                  | 6916.46                           | 23.29               | ND                    | NA                     | 33.20            |
| MKTF-33  | 9/10/2016     | 6939.75                             | NA                                  | 6916.55                           | 23.20               | ND                    | NA                     | 34.20            |
| MKTF-33  | 11/9/2016     | 6939.75                             | NA                                  | 6916.56                           | 23.19               | ND                    | NA                     | 33.20            |
| MKTF-33  | 3/8/2017      | 6939.75                             | NA                                  | 6917.59                           | 22.16               | ND                    | NA                     | 33.20            |
| MKTF-33  | 6/7/2017      | 6939.75                             | NA                                  | 6917.68                           | 22.07               | ND                    | NA                     | 33.20            |

**APPENDIX A. FLUID LEVEL MEASUREMENTS**  
**MARATHON PETROLEUM COMPANY**  
**GALLUP REFINING DIVISION, GALLUP, NEW MEXICO**

| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| MKTF-33  | 9/25/2017     | 6939.75                             | NA                                  | 6917.25                           | 22.50               | ND                    | NA                     | 33.20            |
| MKTF-33  | 11/27/2017    | 6939.75                             | NA                                  | 6917.48                           | 22.27               | ND                    | NA                     | 33.22            |
| MKTF-33  | 2/7/2018      | 6939.75                             | NA                                  | 6917.10                           | 22.65               | ND                    | NA                     | 33.20            |
| MKTF-33  | 4/26/2018     | 6939.75                             | NA                                  | 6917.20                           | 22.55               | ND                    | NA                     | 33.11            |
| MKTF-33  | 8/15/2018     | 6939.75                             | NA                                  | 6916.90                           | 22.85               | ND                    | NA                     | 33.23            |
| MKTF-33  | 11/27/2018    | 6939.75                             | NA                                  | 6917.03                           | 22.72               | ND                    | NA                     | 33.22            |
| MKTF-33  | 3/25/2019     | 6939.75                             | NA                                  | 6917.75                           | 22.00               | ND                    | NA                     | 33.20            |
| MKTF-33  | 5/9/2019      | 6939.75                             | NA                                  | 6917.71                           | 22.04               | ND                    | NA                     | 33.20            |
| MKTF-33  | 8/20/2019     | 6939.75                             | NA                                  | 6917.40                           | 22.35               | ND                    | NA                     | 33.23            |
| MKTF-33  | 10/24/2019    | 6939.75                             | NA                                  | 6917.25                           | 22.50               | ND                    | NA                     | 33.22            |
| MKTF-33  | 2/27/2020     | 6939.75                             | NA                                  | 6917.04                           | 22.71               | ND                    | NA                     | 33.20            |
| MKTF-33  | 6/29/2020     | 6939.75                             | NA                                  | 6918.58                           | 21.17               | ND                    | NA                     | 33.20            |
| MKTF-33  | 9/14/2020     | 6939.75                             | 6918.14                             | 6911.73                           | 28.02               | 21.61                 | 6.41                   | 33.15            |
| MKTF-33  | 11/10/2020    | 6939.75                             | 6918.10                             | 6911.94                           | 27.81               | 21.65                 | 6.16                   | 33.15            |
| MKTF-33  | 12/4/2020     | 6939.75                             | 6918.06                             | 6911.98                           | 27.77               | 21.69                 | 6.08                   | 33.57            |
| MKTF-34  | 6/6/2014      | 6945.35                             | NA                                  | 6926.76                           | 18.59               | ND                    | NA                     | 27.68            |
| MKTF-34  | 9/23/2014     | 6945.35                             | NA                                  | 6926.27                           | 19.08               | ND                    | NA                     | 27.68            |
| MKTF-34  | 11/17/2014    | 6945.35                             | NA                                  | 6925.77                           | 19.58               | ND                    | NA                     | 27.68            |
| MKTF-34  | 3/12/2015     | 6945.35                             | NA                                  | 6926.58                           | 18.77               | ND                    | NA                     | 27.68            |
| MKTF-34  | 6/8/2015      | 6945.35                             | NA                                  | 6926.45                           | 18.90               | ND                    | NA                     | 27.68            |
| MKTF-34  | 8/18/2015     | 6945.35                             | NA                                  | 6926.61                           | 18.74               | ND                    | NA                     | 28.68            |
| MKTF-34  | 11/3/2015     | 6945.35                             | NA                                  | 6926.35                           | 19.00               | ND                    | NA                     | 27.68            |
| MKTF-34  | 2/25/2016     | 6945.35                             | NA                                  | 6926.15                           | 19.20               | ND                    | NA                     | 27.68            |
| MKTF-34  | 6/10/2016     | 6945.35                             | NA                                  | 6926.75                           | 18.60               | ND                    | NA                     | 27.68            |
| MKTF-34  | 9/12/2016     | 6945.35                             | NA                                  | 6927.32                           | 18.03               | ND                    | NA                     | 28.68            |
| MKTF-34  | 11/3/2016     | 6945.35                             | NA                                  | 6926.35                           | 19.00               | ND                    | NA                     | 27.68            |
| MKTF-34  | 3/1/2017      | 6945.35                             | NA                                  | 6928.85                           | 16.50               | ND                    | NA                     | 27.68            |
| MKTF-34  | 6/14/2017     | 6945.35                             | NA                                  | 6927.72                           | 17.63               | ND                    | NA                     | 27.68            |
| MKTF-34  | 9/26/2017     | 6945.35                             | NA                                  | 6927.73                           | 17.62               | ND                    | NA                     | 27.68            |
| MKTF-34  | 11/30/2017    | 6945.35                             | NA                                  | 6927.32                           | 18.03               | ND                    | NA                     | 27.70            |
| MKTF-34  | 2/15/2018     | 6945.35                             | NA                                  | 6926.55                           | 18.80               | ND                    | NA                     | 27.71            |
| MKTF-34  | 4/26/2018     | 6945.35                             | NA                                  | 6926.72                           | 18.63               | ND                    | NA                     | 27.60            |
| MKTF-34  | 8/15/2018     | 6945.35                             | NA                                  | 6926.77                           | 18.58               | ND                    | NA                     | 27.70            |
| MKTF-34  | 11/27/2018    | 6945.35                             | NA                                  | 6926.40                           | 18.95               | ND                    | NA                     | 27.70            |
| MKTF-34  | 3/25/2019     | 6945.35                             | NA                                  | 6928.40                           | 16.95               | ND                    | NA                     | 27.68            |
| MKTF-34  | 5/9/2019      | 6945.35                             | NA                                  | 6927.26                           | 18.09               | ND                    | NA                     | 27.68            |
| MKTF-34  | 8/19/2019     | 6945.35                             | NA                                  | 6927.65                           | 17.70               | ND                    | NA                     | 27.70            |
| MKTF-34  | 10/29/2019    | 6945.35                             | NA                                  | 6927.32                           | 18.03               | ND                    | NA                     | 27.70            |
| MKTF-34  | 11/12/2019    | 6945.35                             | NA                                  | 6927.29                           | 18.06               | ND                    | NA                     | 27.70            |
| MKTF-34  | 2/5/2020      | 6945.35                             | NA                                  | 6927.57                           | 17.78               | ND                    | NA                     | 27.70            |

**APPENDIX A. FLUID LEVEL MEASUREMENTS**  
**MARATHON PETROLEUM COMPANY**  
**GALLUP REFINING DIVISION, GALLUP, NEW MEXICO**

| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| MKTF-34  | 6/29/2020     | 6945.35                             | 6926.31                             | 6926.29                           | 19.06               | 19.04                 | 0.02                   | 27.70            |
| MKTF-34  | 9/14/2020     | 6945.35                             | NA                                  | 6926.26                           | 19.09               | ND                    | NA                     | 27.76            |
| MKTF-34  | 11/10/2020    | 6945.35                             | NA                                  | 6926.27                           | 19.08               | ND                    | NA                     | 27.76            |
| MKTF-34  | 12/4/2020     | 6945.35                             | 6926.44                             | 6926.43                           | 18.92               | 18.91                 | 0.01                   | 27.78            |
| MKTF-35  | 11/20/2014    | 6951.65                             | NA                                  | 6942.00                           | 9.65                | ND                    | NA                     | 16.45            |
| MKTF-35  | 3/17/2015     | 6951.65                             | NA                                  | 6942.72                           | 8.93                | ND                    | NA                     | 16.45            |
| MKTF-35  | 6/4/2015      | 6951.65                             | NA                                  | 6942.72                           | 8.93                | ND                    | NA                     | 16.45            |
| MKTF-35  | 8/18/2015     | 6951.65                             | NA                                  | 6942.74                           | 8.91                | ND                    | NA                     | 16.45            |
| MKTF-35  | 11/3/2015     | 6951.65                             | NA                                  | 6942.63                           | 9.02                | ND                    | NA                     | 16.45            |
| MKTF-35  | 2/26/2016     | 6951.65                             | NA                                  | 6943.25                           | 8.40                | ND                    | NA                     | 16.45            |
| MKTF-35  | 6/10/2016     | 6951.65                             | NA                                  | 6944.28                           | 7.37                | ND                    | NA                     | 16.45            |
| MKTF-35  | 9/12/2016     | 6951.65                             | NA                                  | 6945.00                           | 6.65                | ND                    | NA                     | 16.45            |
| MKTF-35  | 11/3/2016     | 6951.65                             | NA                                  | 6942.63                           | 9.02                | ND                    | NA                     | 16.45            |
| MKTF-35  | 3/1/2017      | 6951.65                             | NA                                  | 6945.47                           | 6.18                | ND                    | NA                     | 16.45            |
| MKTF-35  | 6/14/2017     | 6951.65                             | NA                                  | 6944.53                           | 7.12                | ND                    | NA                     | 16.45            |
| MKTF-35  | 9/27/2017     | 6951.65                             | NA                                  | 6943.95                           | 7.70                | ND                    | NA                     | 16.45            |
| MKTF-35  | 11/30/2017    | 6951.65                             | NA                                  | 6943.50                           | 8.15                | ND                    | NA                     | 16.45            |
| MKTF-35  | 2/15/2018     | 6951.65                             | NA                                  | 6942.95                           | 8.70                | ND                    | NA                     | 16.47            |
| MKTF-35  | 4/26/2018     | 6951.65                             | NA                                  | 6943.12                           | 8.53                | ND                    | NA                     | 16.40            |
| MKTF-35  | 8/16/2018     | 6951.65                             | NA                                  | 6942.95                           | 8.70                | ND                    | NA                     | 16.48            |
| MKTF-35  | 11/27/2018    | 6951.65                             | NA                                  | 6942.55                           | 9.10                | ND                    | NA                     | 16.45            |
| MKTF-35  | 3/25/2019     | 6951.65                             | NA                                  | 6943.11                           | 8.54                | ND                    | NA                     | 16.45            |
| MKTF-35  | 5/16/2019     | 6951.65                             | NA                                  | 6943.16                           | 8.49                | ND                    | NA                     | 16.45            |
| MKTF-35  | 8/19/2019     | 6951.65                             | NA                                  | 6943.56                           | 8.09                | ND                    | NA                     | 16.48            |
| MKTF-35  | 10/28/2019    | 6951.65                             | NA                                  | 6943.23                           | 8.42                | ND                    | NA                     | 16.45            |
| MKTF-35  | 10/29/2019    | 6951.65                             | NA                                  | 6943.25                           | 8.40                | ND                    | NA                     | 16.45            |
| MKTF-35  | 11/12/2019    | 6951.65                             | NA                                  | 6943.05                           | 8.60                | ND                    | NA                     | 16.45            |
| MKTF-35  | 2/5/2020      | 6951.65                             | NA                                  | 6942.37                           | 9.28                | ND                    | NA                     | 16.45            |
| MKTF-35  | 6/30/2020     | 6951.65                             | NA                                  | 6942.40                           | 9.25                | ND                    | NA                     | 16.45            |
| MKTF-35  | 9/14/2020     | 6951.65                             | NA                                  | 6943.06                           | 8.59                | ND                    | NA                     | 16.23            |
| MKTF-35  | 11/10/2020    | 6951.65                             | NA                                  | 6942.79                           | 8.86                | ND                    | NA                     | 16.23            |
| MKTF-35  | 12/4/2020     | 6951.65                             | 6942.63                             | 6942.62                           | 9.03                | 9.02                  | 0.01                   | 16.39            |
| MKTF-36  | 11/20/2014    | NA                                  | NA                                  | NA                                | 7.99                | ND                    | NA                     | 15.45            |
| MKTF-36  | 3/17/2015     | NA                                  | NA                                  | NA                                | 7.71                | ND                    | NA                     | 15.45            |
| MKTF-36  | 6/4/2015      | NA                                  | NA                                  | NA                                | 7.53                | ND                    | NA                     | 15.45            |
| MKTF-36  | 8/18/2015     | NA                                  | NA                                  | NA                                | 7.50                | ND                    | NA                     | 15.45            |
| MKTF-36  | 11/3/2015     | NA                                  | NA                                  | NA                                | 7.66                | 7.00                  | 0.66                   | 15.45            |
| MKTF-36  | 3/17/2016     | NA                                  | NA                                  | NA                                | 7.71                | ND                    | NA                     | 15.45            |
| MKTF-36  | 6/10/2016     | NA                                  | NA                                  | NA                                | 6.80                | 6.78                  | 0.02                   | 15.45            |
| MKTF-36  | 9/13/2016     | NA                                  | NA                                  | NA                                | 6.55                | 6.54                  | 0.01                   | 15.45            |

**APPENDIX A. FLUID LEVEL MEASUREMENTS**  
**MARATHON PETROLEUM COMPANY**  
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| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| MKTF-36  | 11/3/2016     | NA                                  | NA                                  | NA                                | 7.66                | 7.00                  | 0.66                   | 15.45            |
| MKTF-36  | 3/1/2017      | NA                                  | NA                                  | NA                                | 5.56                | ND                    | NA                     | 15.45            |
| MKTF-36  | 6/14/2017     | NA                                  | NA                                  | NA                                | 5.40                | ND                    | NA                     | 15.45            |
| MKTF-36  | 9/27/2017     | NA                                  | NA                                  | NA                                | 5.80                | ND                    | NA                     | 15.45            |
| MKTF-36  | 11/30/2017    | NA                                  | NA                                  | NA                                | 6.45                | ND                    | NA                     | 15.45            |
| MKTF-36  | 2/15/2018     | NA                                  | NA                                  | NA                                | 6.86                | ND                    | NA                     | 15.45            |
| MKTF-36  | 4/26/2018     | NA                                  | NA                                  | NA                                | 6.56                | ND                    | NA                     | 15.40            |
| MKTF-36  | 9/5/2018      | NA                                  | NA                                  | NA                                | 6.52                | ND                    | NA                     | 15.43            |
| MKTF-36  | 11/29/2018    | NA                                  | NA                                  | NA                                | NA                  | NA                    | NA                     | 15.43            |
| MKTF-36  | 3/25/2019     | NA                                  | NA                                  | NA                                | NA                  | NA                    | NA                     | 15.43            |
| MKTF-36  | 5/14/2019     | NA                                  | NA                                  | NA                                | NA                  | NA                    | NA                     | 15.43            |
| MKTF-36  | 8/19/2019     | NA                                  | NA                                  | NA                                | NA                  | NA                    | NA                     | 15.43            |
| MKTF-36  | 11/6/2019     | NA                                  | NA                                  | NA                                | 10.33               | 5.08                  | 5.25                   | 15.40            |
| MKTF-36  | 11/7/2019     | NA                                  | NA                                  | NA                                | 10.21               | 4.30                  | 5.91                   | 15.61            |
| MKTF-36  | 11/12/2019    | NA                                  | NA                                  | NA                                | 9.65                | 6.80                  | 2.85                   | 15.61            |
| MKTF-36  | 11/13/2019    | NA                                  | NA                                  | NA                                | 9.40                | 6.95                  | 2.45                   | 15.61            |
| MKTF-36  | 11/14/2019    | NA                                  | NA                                  | NA                                | 9.61                | 7.14                  | 2.47                   | 15.61            |
| MKTF-36  | 11/15/2019    | NA                                  | NA                                  | NA                                | 9.46                | 7.31                  | 2.15                   | 15.61            |
| MKTF-36  | 11/19/2019    | NA                                  | NA                                  | NA                                | 8.98                | 7.80                  | 1.18                   | 15.61            |
| MKTF-36  | 11/21/2019    | NA                                  | NA                                  | NA                                | 8.78                | 8.00                  | 0.78                   | 15.61            |
| MKTF-36  | 12/2/2019     | NA                                  | NA                                  | NA                                | 8.95                | 8.25                  | 0.70                   | 15.61            |
| MKTF-36  | 2/3/2020      | 6950.12                             | 6942.23                             | 6941.68                           | 8.44                | 7.89                  | 0.55                   | 15.61            |
| MKTF-36  | 6/30/2020     | 6950.12                             | 6942.08                             | 6941.87                           | 8.25                | 8.04                  | 0.21                   | 15.61            |
| MKTF-36  | 9/14/2020     | 6950.12                             | NA                                  | 6942.25                           | 7.87                | ND                    | NA                     | 15.58            |
| MKTF-36  | 11/10/2020    | 6950.12                             | 6942.14                             | 6942.09                           | 8.03                | 7.98                  | 0.05                   | 15.58            |
| MKTF-36  | 12/4/2020     | 6950.12                             | 6942.02                             | 6941.95                           | 8.17                | 8.10                  | 0.07                   | 15.58            |
| MKTF-37  | 11/20/2014    | 6958.87                             | NA                                  | 6943.82                           | 15.05               | ND                    | NA                     | 24.60            |
| MKTF-37  | 3/17/2015     | 6958.87                             | NA                                  | 6949.66                           | 9.21                | ND                    | NA                     | 24.60            |
| MKTF-37  | 6/4/2015      | 6958.87                             | NA                                  | 6949.39                           | 9.48                | ND                    | NA                     | 24.60            |
| MKTF-37  | 8/18/2015     | 6958.87                             | NA                                  | 6949.42                           | 9.45                | ND                    | NA                     | 24.60            |
| MKTF-37  | 11/3/2015     | 6958.87                             | 6949.33                             | 6949.30                           | 9.57                | 9.54                  | 0.03                   | 24.60            |
| MKTF-37  | 3/17/2016     | 6958.87                             | NA                                  | 6949.66                           | 9.21                | ND                    | NA                     | 24.60            |
| MKTF-37  | 6/10/2016     | 6958.87                             | 6950.66                             | 6950.64                           | 8.23                | 8.21                  | 0.02                   | 24.60            |
| MKTF-37  | 9/12/2016     | 6958.87                             | NA                                  | 6951.22                           | 7.65                | ND                    | NA                     | 24.60            |
| MKTF-37  | 11/3/2016     | 6958.87                             | 6949.33                             | 6949.30                           | 9.57                | 9.54                  | 0.03                   | 24.60            |
| MKTF-37  | 3/1/2017      | 6958.87                             | NA                                  | 6951.97                           | 6.90                | ND                    | NA                     | 24.60            |
| MKTF-37  | 6/14/2017     | 6958.87                             | 6951.67                             | 6951.63                           | 7.24                | 7.20                  | 0.04                   | 24.60            |
| MKTF-37  | 9/27/2017     | 6958.87                             | 6951.04                             | 6950.98                           | 7.89                | 7.83                  | 0.06                   | 24.60            |
| MKTF-37  | 11/30/2017    | 6958.87                             | 6950.48                             | 6950.46                           | 8.41                | 8.39                  | 0.02                   | 24.60            |
| MKTF-37  | 2/15/2018     | 6958.87                             | 6949.91                             | 6949.87                           | 9.00                | 8.96                  | 0.04                   | 24.60            |

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**MARATHON PETROLEUM COMPANY**  
**GALLUP REFINING DIVISION, GALLUP, NEW MEXICO**

| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| MKTF-37  | 4/26/2018     | 6958.87                             | NA                                  | 6950.35                           | 8.52                | ND                    | NA                     | 24.54            |
| MKTF-37  | 8/16/2018     | 6958.87                             | NA                                  | 6950.17                           | 8.70                | ND                    | NA                     | 24.59            |
| MKTF-37  | 11/27/2018    | 6958.87                             | 6949.47                             | 6949.35                           | 9.52                | 9.40                  | 0.12                   | 24.60            |
| MKTF-37  | 3/25/2019     | 6958.87                             | NA                                  | 6950.48                           | 8.39                | ND                    | NA                     | 24.60            |
| MKTF-37  | 5/16/2019     | 6958.87                             | 6949.77                             | 6949.69                           | 9.18                | 9.10                  | 0.08                   | 24.60            |
| MKTF-37  | 8/23/2019     | 6958.87                             | 6950.02                             | 6950.00                           | 8.87                | 8.85                  | 0.02                   | 24.59            |
| MKTF-37  | 10/28/2019    | 6958.87                             | 6949.57                             | 6949.54                           | 9.33                | 9.30                  | 0.03                   | 24.60            |
| MKTF-37  | 10/29/2019    | 6958.87                             | 6949.70                             | 6949.67                           | 9.20                | 9.17                  | 0.03                   | 24.60            |
| MKTF-37  | 11/12/2019    | 6958.87                             | 6949.35                             | 6949.31                           | 9.56                | 9.52                  | 0.04                   | 24.60            |
| MKTF-37  | 2/3/2020      | 6958.87                             | 6949.10                             | 6948.98                           | 9.89                | 9.77                  | 0.12                   | 24.60            |
| MKTF-37  | 6/30/2020     | 6958.87                             | 6949.26                             | 6949.24                           | 9.63                | 9.61                  | 0.02                   | 24.60            |
| MKTF-37  | 9/14/2020     | 6958.87                             | NA                                  | 6950.11                           | 8.76                | ND                    | NA                     | 24.54            |
| MKTF-37  | 11/10/2020    | 6958.87                             | 6949.51                             | 6949.50                           | 9.37                | 9.36                  | 0.01                   | 24.54            |
| MKTF-37  | 12/4/2020     | 6958.87                             | 6949.23                             | 6949.22                           | 9.65                | 9.64                  | 0.01                   | 24.61            |
| MKTF-38  | 3/16/2015     | 6954.89                             | NA                                  | 6945.89                           | 9.00                | ND                    | NA                     | 20.29            |
| MKTF-38  | 6/10/2015     | 6954.89                             | NA                                  | 6945.55                           | 9.34                | ND                    | NA                     | 20.29            |
| MKTF-38  | 8/24/2015     | 6954.89                             | NA                                  | 6945.64                           | 9.25                | ND                    | NA                     | 20.29            |
| MKTF-38  | 11/9/2015     | 6954.89                             | NA                                  | 6945.44                           | 9.45                | ND                    | NA                     | 20.29            |
| MKTF-38  | 2/29/2016     | 6954.89                             | NA                                  | 6946.26                           | 8.63                | ND                    | NA                     | 20.29            |
| MKTF-38  | 6/8/2016      | 6954.89                             | NA                                  | 6946.46                           | 8.43                | ND                    | NA                     | 20.29            |
| MKTF-38  | 9/13/2016     | 6954.89                             | NA                                  | 6946.89                           | 8.00                | ND                    | NA                     | 20.29            |
| MKTF-38  | 11/9/2016     | 6954.89                             | NA                                  | 6945.44                           | 9.45                | ND                    | NA                     | 20.29            |
| MKTF-38  | 3/14/2017     | 6954.89                             | NA                                  | 6948.48                           | 6.41                | ND                    | NA                     | 20.29            |
| MKTF-38  | 6/21/2017     | 6954.89                             | NA                                  | 6948.49                           | 6.40                | ND                    | NA                     | 20.29            |
| MKTF-38  | 9/28/2017     | 6954.89                             | NA                                  | 6948.57                           | 6.32                | ND                    | NA                     | 20.29            |
| MKTF-38  | 11/30/2017    | 6954.89                             | NA                                  | 6947.06                           | 7.83                | ND                    | NA                     | 20.29            |
| MKTF-38  | 2/12/2018     | 6954.89                             | NA                                  | 6946.49                           | 8.40                | ND                    | NA                     | 20.30            |
| MKTF-38  | 4/25/2018     | 6954.89                             | NA                                  | 6947.10                           | 7.79                | ND                    | NA                     | 20.28            |
| MKTF-38  | 8/16/2018     | 6954.89                             | NA                                  | 6946.84                           | 8.05                | ND                    | NA                     | 20.27            |
| MKTF-38  | 11/19/2018    | 6954.89                             | NA                                  | 6945.90                           | 8.99                | ND                    | NA                     | 20.29            |
| MKTF-38  | 3/26/2019     | 6954.89                             | NA                                  | 6943.59                           | 11.30               | ND                    | NA                     | 20.29            |
| MKTF-38  | 5/14/2019     | 6954.89                             | NA                                  | 6946.23                           | 8.66                | ND                    | NA                     | 20.29            |
| MKTF-38  | 6/27/2019     | 6954.89                             | NA                                  | 6946.14                           | 8.75                | ND                    | NA                     | 20.29            |
| MKTF-38  | 8/20/2019     | 6954.89                             | NA                                  | 6946.12                           | 8.77                | ND                    | NA                     | 20.27            |
| MKTF-38  | 12/3/2019     | 6954.89                             | NA                                  | 6945.39                           | 9.50                | ND                    | NA                     | 20.29            |
| MKTF-38  | 3/4/2020      | 6954.89                             | NA                                  | 6945.28                           | 9.61                | ND                    | NA                     | 20.31            |
| MKTF-38  | 6/26/2020     | 6954.89                             | NA                                  | 6945.51                           | 9.38                | ND                    | NA                     | 20.33            |
| MKTF-38  | 9/14/2020     | 6954.89                             | NA                                  | 6946.34                           | 8.55                | ND                    | NA                     | 20.18            |
| MKTF-38  | 11/10/2020    | 6954.89                             | NA                                  | 6945.77                           | 9.12                | ND                    | NA                     | 20.18            |
| MKTF-38  | 12/4/2020     | 6954.89                             | 6945.54                             | 6945.53                           | 9.36                | 9.35                  | 0.01                   | 21.30            |

**APPENDIX A. FLUID LEVEL MEASUREMENTS**  
**MARATHON PETROLEUM COMPANY**  
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| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| MKTF-39  | 11/18/2014    | 6953.75                             | NA                                  | 6943.50                           | 10.25               | ND                    | NA                     | 15.20            |
| MKTF-39  | 3/16/2015     | 6953.75                             | NA                                  | 6944.87                           | 8.88                | ND                    | NA                     | 15.20            |
| MKTF-39  | 6/10/2015     | 6953.75                             | NA                                  | 6944.44                           | 9.31                | ND                    | NA                     | 15.20            |
| MKTF-39  | 8/23/2015     | 6953.75                             | NA                                  | 6944.51                           | 9.24                | ND                    | NA                     | 15.20            |
| MKTF-39  | 11/9/2015     | 6953.75                             | NA                                  | 6944.36                           | 9.39                | ND                    | NA                     | 15.20            |
| MKTF-39  | 3/3/2016      | 6953.75                             | NA                                  | 6945.25                           | 8.50                | ND                    | NA                     | 15.20            |
| MKTF-39  | 6/8/2016      | 6953.75                             | NA                                  | 6945.42                           | 8.33                | ND                    | NA                     | 15.20            |
| MKTF-39  | 9/13/2016     | 6953.75                             | NA                                  | 6945.35                           | 8.40                | ND                    | NA                     | 15.20            |
| MKTF-39  | 11/9/2016     | 6953.75                             | NA                                  | 6944.36                           | 9.39                | ND                    | NA                     | 15.20            |
| MKTF-39  | 3/14/2017     | 6953.75                             | NA                                  | 6947.31                           | 6.44                | ND                    | NA                     | 15.20            |
| MKTF-39  | 6/8/2017      | 6953.75                             | NA                                  | 6947.50                           | 6.25                | ND                    | NA                     | 15.20            |
| MKTF-39  | 9/28/2017     | 6953.75                             | NA                                  | 6946.43                           | 7.32                | ND                    | NA                     | 15.20            |
| MKTF-39  | 11/28/2017    | 6953.75                             | NA                                  | 6946.20                           | 7.55                | ND                    | NA                     | 15.18            |
| MKTF-39  | 2/8/2018      | 6953.75                             | NA                                  | 6945.57                           | 8.18                | ND                    | NA                     | 15.20            |
| MKTF-39  | 4/25/2018     | 6953.75                             | NA                                  | 6945.93                           | 7.82                | ND                    | NA                     | 15.13            |
| MKTF-39  | 8/16/2018     | 6953.75                             | NA                                  | 6945.45                           | 8.30                | ND                    | NA                     | 15.20            |
| MKTF-39  | 11/19/2018    | 6953.75                             | NA                                  | 6944.75                           | 9.00                | ND                    | NA                     | 15.18            |
| MKTF-39  | 3/28/2019     | 6953.75                             | NA                                  | NA                                | NA                  | NA                    | NA                     | 15.20            |
| MKTF-39  | 6/5/2019      | 6953.75                             | NA                                  | 6945.06                           | 8.69                | ND                    | NA                     | 15.20            |
| MKTF-39  | 8/20/2019     | 6953.75                             | NA                                  | 6944.71                           | 9.04                | ND                    | NA                     | 15.20            |
| MKTF-39  | 11/4/2019     | 6953.75                             | NA                                  | 6944.16                           | 9.59                | ND                    | NA                     | 15.18            |
| MKTF-39  | 2/3/2020      | 6953.75                             | NA                                  | 6943.65                           | 10.10               | ND                    | NA                     | 15.20            |
| MKTF-39  | 6/26/2020     | 6953.75                             | NA                                  | 6944.12                           | 9.63                | ND                    | NA                     | 15.00            |
| MKTF-39  | 9/15/2020     | 6953.75                             | NA                                  | 6944.17                           | 9.58                | ND                    | NA                     | 14.19            |
| MKTF-39  | 11/10/2020    | 6953.75                             | NA                                  | 6943.70                           | 10.05               | ND                    | NA                     | 14.19            |
| MKTF-39  | 12/4/2020     | 6953.75                             | NA                                  | 6943.60                           | 10.15               | ND                    | NA                     | 15.19            |
| MKTF-40  | 11/18/2014    | 6894.33                             | NA                                  | 6874.39                           | 19.94               | ND                    | NA                     | 23.64            |
| MKTF-40  | 3/11/2015     | 6894.33                             | NA                                  | 6879.73                           | 14.60               | ND                    | NA                     | 23.64            |
| MKTF-40  | 6/10/2015     | 6894.33                             | NA                                  | 6880.13                           | 14.20               | ND                    | NA                     | 23.64            |
| MKTF-40  | 8/21/2015     | 6894.33                             | NA                                  | 6880.50                           | 13.83               | ND                    | NA                     | 23.64            |
| MKTF-40  | 11/4/2015     | 6894.33                             | NA                                  | 6880.42                           | 13.91               | ND                    | NA                     | 23.64            |
| MKTF-40  | 2/23/2016     | 6894.33                             | NA                                  | 6880.45                           | 13.88               | ND                    | NA                     | 23.64            |
| MKTF-40  | 6/9/2016      | 6894.33                             | NA                                  | 6881.02                           | 13.31               | ND                    | NA                     | 23.64            |
| MKTF-40  | 9/8/2016      | 6894.33                             | NA                                  | 6880.81                           | 13.52               | ND                    | NA                     | 23.64            |
| MKTF-40  | 11/4/2016     | 6894.33                             | NA                                  | 6880.42                           | 13.91               | ND                    | NA                     | 23.64            |
| MKTF-40  | 3/7/2017      | 6894.33                             | NA                                  | 6881.19                           | 13.14               | ND                    | NA                     | 23.64            |
| MKTF-40  | 6/5/2017      | 6894.33                             | NA                                  | 6881.04                           | 13.29               | ND                    | NA                     | 23.64            |
| MKTF-40  | 9/25/2017     | 6894.33                             | NA                                  | 6881.05                           | 13.28               | ND                    | NA                     | 23.64            |
| MKTF-40  | 11/21/2017    | 6894.33                             | NA                                  | 6880.62                           | 13.71               | ND                    | NA                     | 23.62            |
| MKTF-40  | 2/5/2018      | 6894.33                             | NA                                  | 6881.15                           | 13.18               | ND                    | NA                     | 23.62            |

**APPENDIX A. FLUID LEVEL MEASUREMENTS**  
**MARATHON PETROLEUM COMPANY**  
**GALLUP REFINING DIVISION, GALLUP, NEW MEXICO**

| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| MKTF-40  | 4/25/2018     | 6894.33                             | NA                                  | 6881.39                           | 12.94               | ND                    | NA                     | 23.53            |
| MKTF-40  | 8/15/2018     | 6894.33                             | NA                                  | 6881.59                           | 12.74               | ND                    | NA                     | 23.54            |
| MKTF-40  | 11/14/2018    | 6894.33                             | NA                                  | 6880.69                           | 13.64               | ND                    | NA                     | 23.62            |
| MKTF-40  | 2/20/2019     | 6894.33                             | NA                                  | 6881.54                           | 12.79               | ND                    | NA                     | 23.64            |
| MKTF-40  | 5/6/2019      | 6894.33                             | NA                                  | 6881.97                           | 12.36               | ND                    | NA                     | 23.64            |
| MKTF-40  | 8/22/2019     | 6894.33                             | NA                                  | 6882.18                           | 12.15               | ND                    | NA                     | 23.54            |
| MKTF-40  | 10/22/2019    | 6894.33                             | NA                                  | 6881.29                           | 13.04               | ND                    | NA                     | 23.62            |
| MKTF-40  | 2/27/2020     | 6894.33                             | NA                                  | 6881.10                           | 13.23               | ND                    | NA                     | 23.64            |
| MKTF-40  | 6/26/2020     | 6894.33                             | NA                                  | 6881.58                           | 12.75               | ND                    | NA                     | 23.64            |
| MKTF-40  | 9/15/2020     | 6894.33                             | NA                                  | 6880.94                           | 13.39               | ND                    | NA                     | 23.66            |
| MKTF-40  | 11/10/2020    | 6894.33                             | NA                                  | 6880.62                           | 13.71               | ND                    | NA                     | 23.66            |
| MKTF-40  | 12/4/2020     | 6894.33                             | NA                                  | 6880.34                           | 13.99               | ND                    | NA                     | 23.67            |
| MKTF-41  | 11/18/2014    | 6893.64                             | NA                                  | 6866.74                           | 26.90               | ND                    | NA                     | 40.10            |
| MKTF-41  | 3/12/2015     | 6893.64                             | NA                                  | 6873.57                           | 20.07               | ND                    | NA                     | 40.10            |
| MKTF-41  | 6/9/2015      | 6893.64                             | NA                                  | 6873.87                           | 19.77               | ND                    | NA                     | 40.10            |
| MKTF-41  | 8/21/2015     | 6893.64                             | NA                                  | 6873.74                           | 19.90               | ND                    | NA                     | 40.10            |
| MKTF-41  | 11/5/2015     | 6893.64                             | NA                                  | 6873.87                           | 19.77               | ND                    | NA                     | 40.10            |
| MKTF-41  | 2/24/2016     | 6893.64                             | NA                                  | 6873.74                           | 19.90               | ND                    | NA                     | 40.10            |
| MKTF-41  | 6/9/2016      | 6893.64                             | NA                                  | 6873.99                           | 19.65               | ND                    | NA                     | 40.10            |
| MKTF-41  | 9/9/2016      | 6893.64                             | NA                                  | 6873.53                           | 20.11               | ND                    | NA                     | 40.10            |
| MKTF-41  | 11/5/2016     | 6893.64                             | NA                                  | 6873.87                           | 19.77               | ND                    | NA                     | 40.10            |
| MKTF-41  | 3/7/2017      | 6893.64                             | NA                                  | 6874.04                           | 19.60               | ND                    | NA                     | 40.10            |
| MKTF-41  | 6/6/2017      | 6893.64                             | NA                                  | 6875.15                           | 18.49               | ND                    | NA                     | 40.10            |
| MKTF-41  | 9/25/2017     | 6893.64                             | NA                                  | 6873.39                           | 20.25               | ND                    | NA                     | 40.10            |
| MKTF-41  | 11/27/2017    | 6893.64                             | NA                                  | 6873.83                           | 19.81               | ND                    | NA                     | 39.71            |
| MKTF-41  | 2/7/2018      | 6893.64                             | NA                                  | 6873.41                           | 20.23               | ND                    | NA                     | 39.72            |
| MKTF-41  | 4/25/2018     | 6893.64                             | NA                                  | 6873.67                           | 19.97               | ND                    | NA                     | 39.91            |
| MKTF-41  | 8/15/2018     | 6893.64                             | NA                                  | 6873.38                           | 20.26               | ND                    | NA                     | 39.74            |
| MKTF-41  | 11/14/2018    | 6893.64                             | NA                                  | 6873.13                           | 20.51               | ND                    | NA                     | 39.71            |
| MKTF-41  | 2/13/2019     | 6893.64                             | NA                                  | 6873.54                           | 20.10               | ND                    | NA                     | 40.10            |
| MKTF-41  | 5/7/2019      | 6893.64                             | NA                                  | 6874.12                           | 19.52               | ND                    | NA                     | 40.10            |
| MKTF-41  | 8/22/2019     | 6893.64                             | NA                                  | 6874.09                           | 19.55               | ND                    | NA                     | 39.74            |
| MKTF-41  | 10/23/2019    | 6893.64                             | NA                                  | 6873.62                           | 20.02               | ND                    | NA                     | 39.71            |
| MKTF-41  | 2/26/2020     | 6893.64                             | NA                                  | 6873.49                           | 20.15               | ND                    | NA                     | 40.10            |
| MKTF-41  | 6/29/2020     | 6893.64                             | NA                                  | 6873.87                           | 19.77               | ND                    | NA                     | 40.10            |
| MKTF-41  | 9/14/2020     | 6893.64                             | NA                                  | 6872.92                           | 20.72               | ND                    | NA                     | 39.66            |
| MKTF-41  | 11/10/2020    | 6893.64                             | NA                                  | 6872.63                           | 21.01               | ND                    | NA                     | 39.66            |
| MKTF-41  | 12/4/2020     | 6893.64                             | NA                                  | 6872.74                           | 20.90               | ND                    | NA                     | 39.80            |
| MKTF-42  | 11/18/2014    | 6892.95                             | NA                                  | 6874.16                           | 18.79               | ND                    | NA                     | 33.15            |
| MKTF-42  | 3/11/2015     | 6892.95                             | NA                                  | 6874.98                           | 17.97               | ND                    | NA                     | 33.15            |

**APPENDIX A. FLUID LEVEL MEASUREMENTS**  
**MARATHON PETROLEUM COMPANY**  
**GALLUP REFINING DIVISION, GALLUP, NEW MEXICO**

| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| MKTF-42  | 6/9/2015      | 6892.95                             | NA                                  | 6875.35                           | 17.60               | ND                    | NA                     | 33.15            |
| MKTF-42  | 8/21/2015     | 6892.95                             | NA                                  | 6875.51                           | 17.44               | ND                    | NA                     | 33.15            |
| MKTF-42  | 11/5/2015     | 6892.95                             | NA                                  | 6875.69                           | 17.26               | ND                    | NA                     | 33.15            |
| MKTF-42  | 2/24/2016     | 6892.95                             | NA                                  | 6875.26                           | 17.69               | ND                    | NA                     | 33.15            |
| MKTF-42  | 6/9/2016      | 6892.95                             | NA                                  | 6875.65                           | 17.30               | ND                    | NA                     | 33.15            |
| MKTF-42  | 9/9/2016      | 6892.95                             | NA                                  | 6875.65                           | 17.30               | ND                    | NA                     | 33.15            |
| MKTF-42  | 11/5/2016     | 6892.95                             | NA                                  | 6875.69                           | 17.26               | ND                    | NA                     | 33.15            |
| MKTF-42  | 3/7/2017      | 6892.95                             | NA                                  | 6877.23                           | 15.72               | ND                    | NA                     | 33.15            |
| MKTF-42  | 6/6/2017      | 6892.95                             | NA                                  | 6875.83                           | 17.12               | ND                    | NA                     | 33.15            |
| MKTF-42  | 9/25/2017     | 6892.95                             | NA                                  | 6876.12                           | 16.83               | ND                    | NA                     | 33.15            |
| MKTF-42  | 11/27/2017    | 6892.95                             | NA                                  | 6876.14                           | 16.81               | ND                    | NA                     | 33.18            |
| MKTF-42  | 2/7/2018      | 6892.95                             | NA                                  | 6875.54                           | 17.41               | ND                    | NA                     | 32.90            |
| MKTF-42  | 4/25/2018     | 6892.95                             | NA                                  | 6875.82                           | 17.13               | ND                    | NA                     | 33.08            |
| MKTF-42  | 8/15/2018     | 6892.95                             | NA                                  | 6876.18                           | 16.77               | ND                    | NA                     | 33.20            |
| MKTF-42  | 11/14/2018    | 6892.95                             | NA                                  | 6876.01                           | 16.94               | ND                    | NA                     | 33.18            |
| MKTF-42  | 2/13/2019     | 6892.95                             | NA                                  | 6875.77                           | 17.18               | ND                    | NA                     | 33.15            |
| MKTF-42  | 5/7/2019      | 6892.95                             | NA                                  | 6876.27                           | 16.68               | ND                    | NA                     | 33.15            |
| MKTF-42  | 8/22/2019     | 6892.95                             | NA                                  | 6876.55                           | 16.40               | ND                    | NA                     | 33.20            |
| MKTF-42  | 10/23/2019    | 6892.95                             | NA                                  | 6876.43                           | 16.52               | ND                    | NA                     | 33.18            |
| MKTF-42  | 2/26/2020     | 6892.95                             | NA                                  | 6876.16                           | 16.79               | ND                    | NA                     | 33.15            |
| MKTF-42  | 6/30/2020     | 6892.95                             | NA                                  | 6876.70                           | 16.25               | ND                    | NA                     | 33.15            |
| MKTF-42  | 9/14/2020     | 6892.95                             | NA                                  | 6876.60                           | 16.35               | ND                    | NA                     | 33.10            |
| MKTF-42  | 11/10/2020    | 6892.95                             | NA                                  | 6877.65                           | 15.30               | ND                    | NA                     | 33.10            |
| MKTF-42  | 12/4/2020     | 6892.95                             | NA                                  | 6876.54                           | 16.41               | ND                    | NA                     | 32.95            |
| MKTF-43  | 11/18/2014    | 6876.90                             | NA                                  | 6869.95                           | 6.95                | ND                    | NA                     | 15.43            |
| MKTF-43  | 3/11/2015     | 6876.90                             | NA                                  | 6871.70                           | 5.20                | ND                    | NA                     | 15.43            |
| MKTF-43  | 6/10/2015     | 6876.90                             | NA                                  | 6873.27                           | 3.63                | ND                    | NA                     | 15.43            |
| MKTF-43  | 8/21/2015     | 6876.90                             | NA                                  | 6873.10                           | 3.80                | ND                    | NA                     | 15.43            |
| MKTF-43  | 11/5/2015     | 6876.90                             | NA                                  | 6871.78                           | 5.12                | ND                    | NA                     | 15.43            |
| MKTF-43  | 2/24/2016     | 6876.90                             | NA                                  | 6871.90                           | 5.00                | ND                    | NA                     | 15.43            |
| MKTF-43  | 6/9/2016      | 6876.90                             | NA                                  | 6873.23                           | 3.67                | ND                    | NA                     | 15.43            |
| MKTF-43  | 9/9/2016      | 6876.90                             | NA                                  | 6872.92                           | 3.98                | ND                    | NA                     | 15.43            |
| MKTF-43  | 11/5/2016     | 6876.90                             | NA                                  | 6871.78                           | 5.12                | ND                    | NA                     | 15.43            |
| MKTF-43  | 3/8/2017      | 6876.90                             | NA                                  | 6871.56                           | 5.34                | ND                    | NA                     | 15.43            |
| MKTF-43  | 6/6/2017      | 6876.90                             | NA                                  | 6873.28                           | 3.62                | ND                    | NA                     | 15.43            |
| MKTF-43  | 9/25/2017     | 6876.90                             | NA                                  | 6872.76                           | 4.14                | ND                    | NA                     | 15.43            |
| MKTF-43  | 11/27/2017    | 6876.90                             | NA                                  | 6871.25                           | 5.65                | ND                    | NA                     | 15.38            |
| MKTF-43  | 2/7/2018      | 6876.90                             | NA                                  | 6870.47                           | 6.43                | ND                    | NA                     | 15.38            |
| MKTF-43  | 4/25/2018     | 6876.90                             | NA                                  | 6871.85                           | 5.05                | ND                    | NA                     | 15.30            |
| MKTF-43  | 8/15/2018     | 6876.90                             | NA                                  | 6874.24                           | 2.66                | ND                    | NA                     | 15.41            |

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**MARATHON PETROLEUM COMPANY**  
**GALLUP REFINING DIVISION, GALLUP, NEW MEXICO**

| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| MKTF-43  | 11/14/2018    | 6876.90                             | NA                                  | 6871.48                           | 5.42                | ND                    | NA                     | 15.38            |
| MKTF-43  | 2/13/2019     | 6876.90                             | NA                                  | 6870.91                           | 5.99                | ND                    | NA                     | 15.43            |
| MKTF-43  | 5/8/2019      | 6876.90                             | NA                                  | 6872.93                           | 3.97                | ND                    | NA                     | 15.43            |
| MKTF-43  | 8/22/2019     | 6876.90                             | NA                                  | 6873.23                           | 3.67                | ND                    | NA                     | 15.41            |
| MKTF-43  | 10/24/2019    | 6876.90                             | NA                                  | 6872.56                           | 4.34                | ND                    | NA                     | 15.38            |
| MKTF-43  | 2/26/2020     | 6876.90                             | NA                                  | 6870.57                           | 6.33                | ND                    | NA                     | 15.43            |
| MKTF-43  | 6/30/2020     | 6876.90                             | NA                                  | 6871.40                           | 5.50                | ND                    | NA                     | 15.43            |
| MKTF-43  | 9/14/2020     | 6876.90                             | NA                                  | 6870.45                           | 6.45                | ND                    | NA                     | 16.22            |
| MKTF-43  | 11/10/2020    | 6876.90                             | NA                                  | 6869.42                           | 7.48                | ND                    | NA                     | 16.22            |
| MKTF-43  | 12/4/2020     | 6876.90                             | NA                                  | 6868.78                           | 8.12                | ND                    | NA                     | 16.92            |
| MKTF-44  | 11/18/2014    | 6869.95                             | NA                                  | 6821.15                           | 48.80               | ND                    | NA                     | 51.15            |
| MKTF-44  | 3/12/2015     | 6869.95                             | NA                                  | 6831.51                           | 38.44               | ND                    | NA                     | 51.15            |
| MKTF-44  | 6/10/2015     | 6869.95                             | NA                                  | 6840.40                           | 29.55               | ND                    | NA                     | 51.15            |
| MKTF-44  | 8/17/2015     | 6869.95                             | NA                                  | 6838.72                           | 31.23               | ND                    | NA                     | 51.15            |
| MKTF-44  | 11/9/2015     | 6869.95                             | NA                                  | 6836.63                           | 33.32               | ND                    | NA                     | 51.15            |
| MKTF-44  | 2/24/2016     | 6869.95                             | NA                                  | 6841.21                           | 28.74               | ND                    | NA                     | 51.15            |
| MKTF-44  | 6/9/2016      | 6869.95                             | NA                                  | 6842.12                           | 27.83               | ND                    | NA                     | 51.15            |
| MKTF-44  | 9/8/2016      | 6869.95                             | NA                                  | 6838.61                           | 31.34               | ND                    | NA                     | 51.15            |
| MKTF-44  | 11/9/2016     | 6869.95                             | NA                                  | 6836.63                           | 33.32               | ND                    | NA                     | 51.15            |
| MKTF-44  | 3/8/2017      | 6869.95                             | NA                                  | 6844.56                           | 25.39               | ND                    | NA                     | 51.15            |
| MKTF-44  | 6/5/2017      | 6869.95                             | NA                                  | 6837.05                           | 32.90               | ND                    | NA                     | 51.15            |
| MKTF-44  | 9/25/2017     | 6869.95                             | NA                                  | 6839.77                           | 30.18               | ND                    | NA                     | 51.15            |
| MKTF-44  | 11/27/2017    | 6869.95                             | NA                                  | 6836.25                           | 33.70               | ND                    | NA                     | 51.16            |
| MKTF-44  | 2/7/2018      | 6869.95                             | NA                                  | 6832.39                           | 37.56               | ND                    | NA                     | 51.16            |
| MKTF-44  | 4/25/2018     | 6869.95                             | NA                                  | 6833.23                           | 36.72               | ND                    | NA                     | 51.08            |
| MKTF-44  | 8/15/2018     | 6869.95                             | NA                                  | 6834.25                           | 35.70               | ND                    | NA                     | 51.20            |
| MKTF-44  | 11/14/2018    | 6869.95                             | NA                                  | 6843.53                           | 26.42               | ND                    | NA                     | 51.16            |
| MKTF-44  | 2/13/2019     | 6869.95                             | NA                                  | 6836.56                           | 33.39               | ND                    | NA                     | 51.15            |
| MKTF-44  | 5/8/2019      | 6869.95                             | NA                                  | 6835.75                           | 34.20               | ND                    | NA                     | 51.15            |
| MKTF-44  | 8/22/2019     | 6869.95                             | NA                                  | 6838.99                           | 30.96               | ND                    | NA                     | 51.20            |
| MKTF-44  | 10/24/2019    | 6869.95                             | NA                                  | 6831.41                           | 38.54               | ND                    | NA                     | 51.16            |
| MKTF-44  | 3/4/2020      | 6869.95                             | NA                                  | 6839.61                           | 30.34               | ND                    | NA                     | 51.15            |
| MKTF-44  | 6/26/2020     | 6869.95                             | NA                                  | 6836.87                           | 33.08               | ND                    | NA                     | 51.15            |
| MKTF-44  | 9/14/2020     | 6869.95                             | NA                                  | 6841.95                           | 28.00               | ND                    | NA                     | 51.95            |
| MKTF-44  | 12/4/2020     | 6869.95                             | NA                                  | 6830.36                           | 39.59               | ND                    | NA                     | 51.39            |
| MKTF-45  | 2/10/2015     | 6949.59                             | 6936.01                             | 6933.07                           | 16.52               | 13.58                 | 2.94                   | 30.24            |
| MKTF-45  | 3/17/2015     | 6949.59                             | 6936.45                             | 6934.65                           | 14.94               | 13.14                 | 1.80                   | 30.24            |
| MKTF-45  | 6/8/2015      | 6949.59                             | 6936.39                             | 6932.84                           | 16.75               | 13.20                 | 3.55                   | 30.24            |
| MKTF-45  | 8/18/2015     | 6949.59                             | 6936.09                             | 6935.98                           | 13.61               | 13.50                 | 0.11                   | 30.24            |
| MKTF-45  | 11/3/2015     | 6949.59                             | 6935.89                             | 6935.57                           | 14.02               | 13.70                 | 0.32                   | 30.24            |

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**MARATHON PETROLEUM COMPANY**  
**GALLUP REFINING DIVISION, GALLUP, NEW MEXICO**

| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| MKTF-45  | 3/17/2016     | 6949.59                             | 6936.45                             | 6934.65                           | 14.94               | 13.14                 | 1.80                   | 30.24            |
| MKTF-45  | 6/10/2016     | 6949.59                             | 6937.11                             | 6936.79                           | 12.80               | 12.48                 | 0.32                   | 30.24            |
| MKTF-45  | 9/13/2016     | 6949.59                             | 6937.64                             | 6937.19                           | 12.40               | 11.95                 | 0.45                   | 30.24            |
| MKTF-45  | 11/3/2016     | 6949.59                             | 6935.89                             | 6935.57                           | 14.02               | 13.70                 | 0.32                   | 30.24            |
| MKTF-45  | 3/1/2017      | 6949.59                             | 6939.27                             | 6938.96                           | 10.63               | 10.32                 | 0.31                   | 30.24            |
| MKTF-45  | 6/14/2017     | 6949.59                             | 6938.09                             | 6937.59                           | 12.00               | 11.50                 | 0.50                   | 30.24            |
| MKTF-45  | 10/3/2017     | 6949.59                             | 6938.11                             | 6937.58                           | 12.01               | 11.48                 | 0.53                   | 30.24            |
| MKTF-45  | 11/30/2017    | 6949.59                             | 6936.83                             | 6936.36                           | 13.23               | 12.76                 | 0.47                   | 30.24            |
| MKTF-45  | 2/15/2018     | 6949.59                             | 6936.50                             | 6936.35                           | 13.24               | 13.09                 | 0.15                   | 30.24            |
| MKTF-45  | 4/26/2018     | 6949.59                             | 6936.72                             | 6936.29                           | 13.30               | 12.87                 | 0.43                   | 30.28            |
| MKTF-45  | 8/16/2018     | 6949.59                             | 6936.44                             | 6936.01                           | 13.58               | 13.15                 | 0.43                   | 30.33            |
| MKTF-45  | 11/27/2018    | 6949.59                             | 6935.99                             | 6935.44                           | 14.15               | 13.60                 | 0.55                   | 30.24            |
| MKTF-45  | 3/26/2019     | 6949.59                             | 6937.59                             | 6937.09                           | 12.50               | 12.00                 | 0.50                   | 30.24            |
| MKTF-45  | 5/14/2019     | 6949.59                             | 6937.16                             | 6936.57                           | 13.02               | 12.43                 | 0.59                   | 30.24            |
| MKTF-45  | 8/19/2019     | 6949.59                             | 6935.57                             | 6935.11                           | 14.48               | 14.02                 | 0.46                   | 30.33            |
| MKTF-45  | 10/28/2019    | 6949.59                             | 6937.62                             | 6936.59                           | 13.00               | 11.97                 | 1.03                   | 30.24            |
| MKTF-45  | 10/29/2019    | 6949.59                             | 6938.21                             | 6935.84                           | 13.75               | 11.38                 | 2.37                   | 30.24            |
| MKTF-45  | 11/6/2019     | 6949.59                             | 6940.02                             | 6927.07                           | 22.52               | 9.57                  | 12.95                  | 30.24            |
| MKTF-45  | 11/7/2019     | 6949.59                             | 6940.59                             | 6927.34                           | 22.25               | 9.00                  | 13.25                  | 30.24            |
| MKTF-45  | 11/11/2019    | 6949.59                             | 6940.84                             | 6925.99                           | 23.60               | 8.75                  | 14.85                  | 30.24            |
| MKTF-45  | 11/12/2019    | 6949.59                             | 6939.97                             | 6925.67                           | 23.92               | 9.62                  | 14.30                  | 30.24            |
| MKTF-45  | 11/13/2019    | 6949.59                             | 6939.89                             | 6923.66                           | 25.93               | 9.70                  | 16.23                  | 30.24            |
| MKTF-45  | 11/14/2019    | 6949.59                             | 6939.53                             | 6924.30                           | 25.29               | 10.06                 | 15.23                  | 30.24            |
| MKTF-45  | 11/15/2019    | 6949.59                             | 6939.31                             | 6925.02                           | 24.57               | 10.28                 | 14.29                  | 30.24            |
| MKTF-45  | 11/19/2019    | 6949.59                             | 6938.75                             | 6926.84                           | 22.75               | 10.84                 | 11.91                  | 30.24            |
| MKTF-45  | 11/21/2019    | 6949.59                             | 6938.59                             | 6927.69                           | 21.90               | 11.00                 | 10.90                  | 30.24            |
| MKTF-45  | 12/2/2019     | 6949.59                             | 6937.21                             | 6930.64                           | 18.95               | 12.38                 | 6.57                   | 30.24            |
| MKTF-45  | 2/3/2020      | 6949.59                             | 6939.99                             | 6930.97                           | 18.62               | 9.60                  | 9.02                   | 30.24            |
| MKTF-45  | 6/30/2020     | 6949.59                             | 6938.51                             | 6930.51                           | 19.08               | 11.08                 | 8.00                   | 30.24            |
| MKTF-45  | 9/14/2020     | 6949.59                             | 6936.45                             | 6931.16                           | 18.43               | 13.14                 | 5.29                   | 37.45            |
| MKTF-45  | 11/10/2020    | 6949.59                             | 6936.65                             | 6934.83                           | 14.76               | 12.94                 | 1.82                   | 37.45            |
| MKTF-45  | 12/4/2020     | 6949.59                             | 6936.93                             | 6935.08                           | 14.51               | 12.66                 | 1.85                   | 30.45            |
| MKTF-46  | 10/29/2019    | NA                                  | NA                                  | NA                                | 10.28               | ND                    | NA                     | 21.29            |
| MKTF-46  | 11/12/2019    | NA                                  | NA                                  | NA                                | 10.46               | ND                    | NA                     | 21.29            |
| MKTF-46  | 12/2/2019     | NA                                  | NA                                  | NA                                | 10.70               | ND                    | NA                     | 21.29            |
| MKTF-46  | 3/5/2020      | 6957.60                             | NA                                  | 6946.67                           | 10.93               | ND                    | NA                     | 18.00            |
| MKTF-46  | 6/30/2020     | 6957.60                             | NA                                  | 6946.52                           | 11.08               | ND                    | NA                     | 18.00            |
| MKTF-46  | 9/14/2020     | 6957.60                             | NA                                  | 6947.42                           | 10.18               | ND                    | NA                     | 25.29            |
| MKTF-46  | 11/10/2020    | 6957.60                             | NA                                  | 6947.03                           | 10.57               | ND                    | NA                     | 25.29            |
| MKTF-46  | 12/4/2020     | 6957.60                             | NA                                  | 6946.83                           | 10.77               | ND                    | NA                     | 21.30            |

**APPENDIX A. FLUID LEVEL MEASUREMENTS**  
**MARATHON PETROLEUM COMPANY**  
**GALLUP REFINING DIVISION, GALLUP, NEW MEXICO**

| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| MKTF-47  | 12/2/2019     | NA                                  | NA                                  | NA                                | 9.78                | ND                    | NA                     | 14.30            |
| MKTF-47  | 3/5/2020      | 6959.09                             | NA                                  | 6949.20                           | 9.89                | ND                    | NA                     | 14.00            |
| MKTF-47  | 6/29/2020     | 6959.09                             | NA                                  | 6949.59                           | 9.50                | ND                    | NA                     | 14.00            |
| MKTF-47  | 9/15/2020     | 6959.09                             | 6950.56                             | 6950.55                           | 8.54                | 8.53                  | 0.01                   | 14.31            |
| MKTF-47  | 11/10/2020    | 6959.09                             | NA                                  | 6949.76                           | 9.33                | ND                    | NA                     | 14.31            |
| MKTF-47  | 12/4/2020     | 6959.09                             | 6949.51                             | 6949.50                           | 9.59                | 9.58                  | 0.01                   | 14.31            |
| MKTF-48  | 12/2/2019     | NA                                  | NA                                  | NA                                | 11.85               | ND                    | NA                     | 20.92            |
| MKTF-48  | 3/3/2020      | 6961.73                             | 6949.07                             | 6948.91                           | 12.82               | 12.66                 | 0.16                   | 18.00            |
| MKTF-48  | 6/29/2020     | 6961.73                             | NA                                  | 6950.15                           | 11.58               | ND                    | NA                     | 18.00            |
| MKTF-48  | 9/15/2020     | 6961.73                             | 6949.88                             | 6949.87                           | 11.86               | 11.85                 | 0.01                   | 19.91            |
| MKTF-48  | 11/10/2020    | 6961.73                             | 6949.33                             | 6949.22                           | 12.51               | 12.40                 | 0.11                   | 19.91            |
| MKTF-48  | 12/4/2020     | 6961.73                             | 6948.96                             | 6948.63                           | 13.10               | 12.77                 | 0.33                   | 20.94            |
| MKTF-49  | 12/3/2019     | NA                                  | NA                                  | NA                                | 19.90               | ND                    | NA                     | 24.90            |
| MKTF-49  | 3/4/2020      | 6946.76                             | NA                                  | 6926.49                           | 20.27               | ND                    | NA                     | 28.00            |
| MKTF-49  | 6/30/2020     | 6946.76                             | NA                                  | 6926.11                           | 20.65               | ND                    | NA                     | 28.00            |
| MKTF-49  | 9/15/2020     | 6946.76                             | NA                                  | 6926.43                           | 20.33               | ND                    | NA                     | 24.96            |
| MKTF-49  | 11/10/2020    | 6946.76                             | NA                                  | 6926.01                           | 20.75               | ND                    | NA                     | 24.96            |
| MKTF-49  | 12/4/2020     | 6946.76                             | NA                                  | 6925.95                           | 20.81               | ND                    | NA                     | 24.97            |
| MKTF-50  | 12/3/2019     | NA                                  | NA                                  | NA                                | 15.61               | ND                    | NA                     | 21.65            |
| MKTF-50  | 3/4/2020      | 6942.82                             | NA                                  | 6926.95                           | 15.87               | ND                    | NA                     | 26.00            |
| MKTF-50  | 6/30/2020     | 6942.82                             | NA                                  | 6926.82                           | 16.00               | ND                    | NA                     | 26.00            |
| MKTF-50  | 9/15/2020     | 6942.82                             | 6927.46                             | 6927.45                           | 15.37               | 15.36                 | 0.01                   | 22.64            |
| MKTF-50  | 11/10/2020    | 6942.82                             | NA                                  | 6926.79                           | 16.03               | ND                    | NA                     | 22.64            |
| MKTF-50  | 12/4/2020     | 6942.82                             | NA                                  | 6926.65                           | 16.17               | ND                    | NA                     | 21.63            |
| MW-1     | 9/16/2014     | 6878.12                             | NA                                  | 6871.01                           | 7.11                | ND                    | NA                     | 130.83           |
| MW-1     | 8/10/2015     | 6878.12                             | NA                                  | 6871.22                           | 6.90                | ND                    | NA                     | 130.83           |
| MW-1     | 9/7/2016      | 6878.12                             | NA                                  | 6871.11                           | 7.01                | ND                    | NA                     | 130.83           |
| MW-1     | 9/20/2017     | 6878.12                             | NA                                  | 6871.10                           | 7.02                | ND                    | NA                     | 130.83           |
| MW-1     | 8/15/2018     | 6878.12                             | NA                                  | 6870.37                           | 7.75                | ND                    | NA                     | 130.83           |
| MW-1     | 12/5/2018     | 6878.12                             | NA                                  | 6870.76                           | 7.36                | ND                    | NA                     | 130.83           |
| MW-1     | 8/12/2019     | 6878.12                             | NA                                  | 6871.18                           | 6.94                | ND                    | NA                     | 130.83           |
| MW-1     | 9/14/2020     | 6878.12                             | NA                                  | 6870.40                           | 7.72                | ND                    | NA                     | 135.30           |
| MW-2     | 9/16/2014     | 6880.30                             | NA                                  | 6871.10                           | 9.20                | ND                    | NA                     | 137.48           |
| MW-2     | 8/10/2015     | 6880.30                             | NA                                  | 6871.17                           | 9.13                | ND                    | NA                     | 137.48           |
| MW-2     | 9/7/2016      | 6880.30                             | NA                                  | 6866.20                           | 14.10               | ND                    | NA                     | 137.48           |
| MW-2     | 9/20/2017     | 6880.30                             | NA                                  | 6864.66                           | 15.64               | ND                    | NA                     | 137.48           |
| MW-2     | 8/15/2018     | 6880.30                             | NA                                  | 6870.95                           | 9.35                | ND                    | NA                     | 137.48           |
| MW-2     | 12/5/2018     | 6880.30                             | NA                                  | 6863.67                           | 16.63               | ND                    | NA                     | 137.48           |
| MW-2     | 8/13/2019     | 6880.30                             | NA                                  | 6871.30                           | 9.00                | ND                    | NA                     | 137.48           |
| MW-2     | 9/14/2020     | 6880.30                             | NA                                  | 6870.56                           | 9.74                | ND                    | NA                     | 138.20           |

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**GALLUP REFINING DIVISION, GALLUP, NEW MEXICO**

| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| MW-4     | 9/17/2014     | 6881.63                             | NA                                  | 6873.95                           | 7.68                | ND                    | NA                     | 121.72           |
| MW-4     | 8/10/2015     | 6881.63                             | NA                                  | 6874.33                           | 7.30                | ND                    | NA                     | 121.72           |
| MW-4     | 9/7/2016      | 6881.63                             | NA                                  | 6874.25                           | 7.38                | ND                    | NA                     | 121.72           |
| MW-4     | 9/21/2017     | 6881.63                             | NA                                  | 6874.07                           | 7.56                | ND                    | NA                     | 121.72           |
| MW-4     | 8/15/2018     | 6881.63                             | NA                                  | 6873.92                           | 7.71                | ND                    | NA                     | 121.72           |
| MW-4     | 12/5/2018     | 6881.63                             | NA                                  | 6873.80                           | 7.83                | ND                    | NA                     | 121.72           |
| MW-4     | 8/13/2019     | 6881.63                             | NA                                  | 6874.63                           | 7.00                | ND                    | NA                     | 121.72           |
| MW-4     | 9/14/2020     | 6881.63                             | NA                                  | 6873.63                           | 8.00                | ND                    | NA                     | 125.90           |
| MW-5     | 9/17/2014     | 6882.83                             | NA                                  | 6871.45                           | 11.38               | ND                    | NA                     | 130.83           |
| MW-5     | 8/10/2015     | 6882.83                             | NA                                  | 6871.63                           | 11.20               | ND                    | NA                     | 130.83           |
| MW-5     | 9/7/2016      | 6882.83                             | NA                                  | 6869.33                           | 13.50               | ND                    | NA                     | 130.83           |
| MW-5     | 9/11/2017     | 6882.83                             | NA                                  | 6871.61                           | 11.22               | ND                    | NA                     | 130.83           |
| MW-5     | 8/15/2018     | 6882.83                             | NA                                  | 6871.32                           | 11.51               | ND                    | NA                     | 130.83           |
| MW-5     | 12/6/2018     | 6882.83                             | NA                                  | 6866.03                           | 16.80               | ND                    | NA                     | 130.83           |
| MW-5     | 8/14/2019     | 6882.83                             | NA                                  | 6871.78                           | 11.05               | ND                    | NA                     | 130.83           |
| MW-5     | 9/14/2020     | 6882.83                             | NA                                  | 6870.84                           | 11.99               | ND                    | NA                     | 133.00           |
| NAPIS-1  | 3/10/2014     | 6913.86                             | NA                                  | 6907.08                           | 6.78                | ND                    | NA                     | 13.53            |
| NAPIS-1  | 6/5/2014      | 6913.86                             | NA                                  | 6907.00                           | 6.86                | ND                    | NA                     | 13.53            |
| NAPIS-1  | 9/11/2014     | 6913.86                             | NA                                  | 6907.01                           | 6.85                | ND                    | NA                     | 13.53            |
| NAPIS-1  | 11/11/2014    | 6913.86                             | NA                                  | 6906.90                           | 6.96                | ND                    | NA                     | 13.53            |
| NAPIS-1  | 3/10/2015     | 6913.86                             | NA                                  | 6906.96                           | 6.90                | ND                    | NA                     | 13.53            |
| NAPIS-1  | 6/2/2015      | 6913.86                             | NA                                  | 6906.86                           | 7.00                | ND                    | NA                     | 13.53            |
| NAPIS-1  | 8/10/2015     | 6913.86                             | NA                                  | 6906.86                           | 7.00                | ND                    | NA                     | 13.53            |
| NAPIS-1  | 10/28/2015    | 6913.86                             | NA                                  | 6906.66                           | 7.20                | ND                    | NA                     | 13.53            |
| NAPIS-1  | 3/1/2016      | 6913.86                             | NA                                  | 6907.21                           | 6.65                | ND                    | NA                     | 13.53            |
| NAPIS-1  | 6/7/2016      | 6913.86                             | NA                                  | 6907.22                           | 6.64                | ND                    | NA                     | 13.53            |
| NAPIS-1  | 9/1/2016      | 6913.86                             | NA                                  | 6906.87                           | 6.99                | ND                    | NA                     | 13.53            |
| NAPIS-1  | 11/14/2016    | 6913.86                             | NA                                  | 6907.04                           | 6.82                | ND                    | NA                     | 13.53            |
| NAPIS-1  | 2/21/2017     | 6913.86                             | NA                                  | 6907.16                           | 6.70                | ND                    | NA                     | 13.53            |
| NAPIS-1  | 6/2/2017      | 6913.86                             | NA                                  | 6907.01                           | 6.85                | ND                    | NA                     | 13.53            |
| NAPIS-1  | 9/5/2017      | 6913.86                             | 6907.54                             | 6906.68                           | 7.18                | 6.32                  | 0.86                   | 13.53            |
| NAPIS-1  | 12/4/2017     | 6913.86                             | 6907.66                             | 6907.01                           | 6.85                | 6.20                  | 0.65                   | 13.75            |
| NAPIS-1  | 2/12/2018     | 6913.86                             | 6907.71                             | 6905.76                           | 8.10                | 6.15                  | 1.95                   | 13.53            |
| NAPIS-1  | 4/25/2018     | 6913.86                             | 6907.28                             | 6906.04                           | 7.82                | 6.58                  | 1.24                   | 13.76            |
| NAPIS-1  | 8/15/2018     | 6913.86                             | NA                                  | NA                                | NA                  | NA                    | NA                     | 13.76            |
| NAPIS-1  | 11/8/2018     | 6913.86                             | NA                                  | NA                                | NA                  | NA                    | NA                     | 13.76            |
| NAPIS-1  | 3/28/2019     | 6913.86                             | NA                                  | NA                                | NA                  | NA                    | NA                     | 13.76            |
| NAPIS-1  | 5/28/2019     | 6913.86                             | 6906.14                             | 6905.98                           | 7.88                | 7.72                  | 0.16                   | 13.53            |
| NAPIS-1  | 8/22/2019     | 6913.86                             | 6906.41                             | 6906.33                           | 7.53                | 7.45                  | 0.08                   | 13.53            |
| NAPIS-1  | 10/21/2019    | 6913.86                             | 6906.20                             | 6906.00                           | 7.86                | 7.66                  | 0.20                   | 13.53            |

**APPENDIX A. FLUID LEVEL MEASUREMENTS**  
**MARATHON PETROLEUM COMPANY**  
**GALLUP REFINING DIVISION, GALLUP, NEW MEXICO**

| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| NAPIS-1  | 9/15/2020     | 6913.86                             | 6907.16                             | 6907.15                           | 6.71                | 6.70                  | 0.01                   | 13.58            |
| NAPIS-1  | 11/10/2020    | 6913.86                             | 6906.67                             | 6906.66                           | 7.20                | 7.19                  | 0.01                   | 13.58            |
| NAPIS-1  | 12/7/2020     | 6913.86                             | NA                                  | 6906.42                           | 7.44                | ND                    | NA                     | 13.76            |
| NAPIS-2  | 3/10/2014     | 6912.65                             | NA                                  | 6904.62                           | 8.03                | ND                    | NA                     | 13.61            |
| NAPIS-2  | 6/5/2014      | 6912.65                             | NA                                  | 6904.45                           | 8.20                | ND                    | NA                     | 13.61            |
| NAPIS-2  | 9/11/2014     | 6912.65                             | NA                                  | 6904.55                           | 8.10                | ND                    | NA                     | 13.61            |
| NAPIS-2  | 11/11/2014    | 6912.65                             | NA                                  | 6904.45                           | 8.20                | ND                    | NA                     | 13.61            |
| NAPIS-2  | 3/10/2015     | 6912.65                             | NA                                  | 6904.21                           | 8.44                | ND                    | NA                     | 13.61            |
| NAPIS-2  | 6/2/2015      | 6912.65                             | NA                                  | 6904.11                           | 8.54                | ND                    | NA                     | 13.61            |
| NAPIS-2  | 8/10/2015     | 6912.65                             | NA                                  | 6904.25                           | 8.40                | ND                    | NA                     | 13.61            |
| NAPIS-2  | 10/28/2015    | 6912.65                             | NA                                  | 6904.33                           | 8.32                | ND                    | NA                     | 13.61            |
| NAPIS-2  | 3/1/2016      | 6912.65                             | NA                                  | 6905.00                           | 7.65                | ND                    | NA                     | 13.61            |
| NAPIS-2  | 6/7/2016      | 6912.65                             | NA                                  | 6906.25                           | 6.40                | ND                    | NA                     | 13.61            |
| NAPIS-2  | 9/1/2016      | 6912.65                             | NA                                  | 6903.81                           | 8.84                | ND                    | NA                     | 13.61            |
| NAPIS-2  | 11/14/2016    | 6912.65                             | NA                                  | 6904.45                           | 8.20                | ND                    | NA                     | 13.61            |
| NAPIS-2  | 2/21/2017     | 6912.65                             | NA                                  | 6904.76                           | 7.89                | ND                    | NA                     | 13.61            |
| NAPIS-2  | 6/1/2017      | 6912.65                             | NA                                  | 6904.30                           | 8.35                | ND                    | NA                     | 13.61            |
| NAPIS-2  | 9/5/2017      | 6912.65                             | NA                                  | 6904.33                           | 8.32                | ND                    | NA                     | 13.61            |
| NAPIS-2  | 12/4/2017     | 6912.65                             | NA                                  | 6904.67                           | 7.98                | ND                    | NA                     | 14.60            |
| NAPIS-2  | 2/9/2018      | 6912.65                             | NA                                  | 6904.40                           | 8.25                | ND                    | NA                     | 14.60            |
| NAPIS-2  | 4/26/2018     | 6912.65                             | NA                                  | 6904.07                           | 8.58                | ND                    | NA                     | 14.52            |
| NAPIS-2  | 8/15/2018     | 6912.65                             | NA                                  | NA                                | NA                  | NA                    | NA                     | 14.52            |
| NAPIS-2  | 11/8/2018     | 6912.65                             | NA                                  | NA                                | NA                  | NA                    | NA                     | 14.52            |
| NAPIS-2  | 3/28/2019     | 6912.65                             | NA                                  | NA                                | NA                  | NA                    | NA                     | 14.52            |
| NAPIS-2  | 5/28/2019     | 6912.65                             | NA                                  | 6903.11                           | 9.54                | ND                    | NA                     | 13.61            |
| NAPIS-2  | 8/22/2019     | 6912.65                             | NA                                  | 6903.50                           | 9.15                | ND                    | NA                     | 13.61            |
| NAPIS-2  | 10/21/2019    | 6912.65                             | NA                                  | 6903.25                           | 9.40                | ND                    | NA                     | 13.61            |
| NAPIS-2  | 9/15/2020     | 6912.65                             | NA                                  | 6904.53                           | 8.12                | ND                    | NA                     | 14.60            |
| NAPIS-2  | 11/10/2020    | 6912.65                             | NA                                  | 6904.14                           | 8.51                | ND                    | NA                     | 14.60            |
| NAPIS-2  | 12/7/2020     | 6912.65                             | NA                                  | 6903.93                           | 8.72                | ND                    | NA                     | 14.61            |
| NAPIS-3  | 3/10/2014     | 6912.76                             | NA                                  | 6903.86                           | 8.90                | ND                    | NA                     | 30.42            |
| NAPIS-3  | 6/5/2014      | 6912.76                             | NA                                  | 6903.91                           | 8.85                | ND                    | NA                     | 30.42            |
| NAPIS-3  | 9/11/2014     | 6912.76                             | NA                                  | 6904.79                           | 7.97                | ND                    | NA                     | 30.42            |
| NAPIS-3  | 11/13/2014    | 6912.76                             | NA                                  | 6903.58                           | 9.18                | ND                    | NA                     | 30.42            |
| NAPIS-3  | 3/10/2015     | 6912.76                             | NA                                  | 6903.17                           | 9.59                | ND                    | NA                     | 30.42            |
| NAPIS-3  | 6/2/2015      | 6912.76                             | NA                                  | 6903.66                           | 9.10                | ND                    | NA                     | 30.42            |
| NAPIS-3  | 8/10/2015     | 6912.76                             | NA                                  | 6904.27                           | 8.49                | ND                    | NA                     | 30.42            |
| NAPIS-3  | 10/28/2015    | 6912.76                             | NA                                  | 6903.54                           | 9.22                | ND                    | NA                     | 30.42            |
| NAPIS-3  | 3/1/2016      | 6912.76                             | NA                                  | 6904.21                           | 8.55                | ND                    | NA                     | 30.42            |
| NAPIS-3  | 6/7/2016      | 6912.76                             | NA                                  | 6905.04                           | 7.72                | ND                    | NA                     | 30.42            |

**APPENDIX A. FLUID LEVEL MEASUREMENTS**  
**MARATHON PETROLEUM COMPANY**  
**GALLUP REFINING DIVISION, GALLUP, NEW MEXICO**

| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| NAPIS-3  | 9/1/2016      | 6912.76                             | NA                                  | 6903.66                           | 9.10                | ND                    | NA                     | 30.42            |
| NAPIS-3  | 11/14/2016    | 6912.76                             | NA                                  | 6903.65                           | 9.11                | ND                    | NA                     | 30.42            |
| NAPIS-3  | 2/21/2017     | 6912.76                             | NA                                  | 6903.56                           | 9.20                | ND                    | NA                     | 30.42            |
| NAPIS-3  | 6/1/2017      | 6912.76                             | NA                                  | 6902.56                           | 10.20               | ND                    | NA                     | 30.42            |
| NAPIS-3  | 9/8/2017      | 6912.76                             | NA                                  | 6903.66                           | 9.10                | ND                    | NA                     | 30.42            |
| NAPIS-3  | 12/14/2017    | 6912.76                             | NA                                  | 6903.76                           | 9.00                | ND                    | NA                     | 31.58            |
| NAPIS-3  | 2/9/2018      | 6912.76                             | NA                                  | 6903.06                           | 9.70                | ND                    | NA                     | 31.60            |
| NAPIS-3  | 4/26/2018     | 6912.76                             | NA                                  | 6903.16                           | 9.60                | ND                    | NA                     | 31.51            |
| NAPIS-3  | 8/15/2018     | 6912.76                             | NA                                  | NA                                | NA                  | NA                    | NA                     | 31.51            |
| NAPIS-3  | 11/8/2018     | 6912.76                             | NA                                  | NA                                | NA                  | NA                    | NA                     | 31.51            |
| NAPIS-3  | 3/28/2019     | 6912.76                             | NA                                  | NA                                | NA                  | NA                    | NA                     | 31.51            |
| NAPIS-3  | 5/28/2019     | 6912.76                             | NA                                  | 6902.19                           | 10.57               | ND                    | NA                     | 30.42            |
| NAPIS-3  | 8/22/2019     | 6912.76                             | NA                                  | 6902.58                           | 10.18               | ND                    | NA                     | 30.42            |
| NAPIS-3  | 10/21/2019    | 6912.76                             | NA                                  | 6902.74                           | 10.02               | ND                    | NA                     | 30.42            |
| NAPIS-3  | 9/15/2020     | 6912.76                             | NA                                  | 6903.51                           | 9.25                | ND                    | NA                     | 31.50            |
| NAPIS-3  | 11/10/2020    | 6912.76                             | NA                                  | 6903.29                           | 9.47                | ND                    | NA                     | 31.50            |
| NAPIS-3  | 12/7/2020     | 6912.76                             | NA                                  | 6904.25                           | 8.51                | ND                    | NA                     | 31.50            |
| OAPIS-1  | 3/10/2014     | 6916.73                             | NA                                  | 6905.23                           | 11.50               | ND                    | NA                     | 28.30            |
| OAPIS-1  | 6/5/2014      | 6916.73                             | NA                                  | 6904.98                           | 11.75               | ND                    | NA                     | 28.30            |
| OAPIS-1  | 9/12/2014     | 6916.73                             | NA                                  | 6905.62                           | 11.11               | ND                    | NA                     | 28.30            |
| OAPIS-1  | 11/11/2014    | 6916.73                             | NA                                  | 6899.52                           | 17.21               | ND                    | NA                     | 28.30            |
| OAPIS-1  | 3/10/2015     | 6916.73                             | NA                                  | 6904.89                           | 11.84               | ND                    | NA                     | 28.30            |
| OAPIS-1  | 6/2/2015      | 6916.73                             | NA                                  | 6904.72                           | 12.01               | ND                    | NA                     | 28.30            |
| OAPIS-1  | 8/10/2015     | 6916.73                             | NA                                  | 6905.40                           | 11.33               | ND                    | NA                     | 28.30            |
| OAPIS-1  | 10/29/2015    | 6916.73                             | NA                                  | 6905.71                           | 11.02               | ND                    | NA                     | 28.30            |
| OAPIS-1  | 3/1/2016      | 6916.73                             | NA                                  | 6904.87                           | 11.86               | ND                    | NA                     | 28.30            |
| OAPIS-1  | 6/7/2016      | 6916.73                             | NA                                  | 6905.23                           | 11.50               | ND                    | NA                     | 28.30            |
| OAPIS-1  | 9/1/2016      | 6916.73                             | NA                                  | 6905.41                           | 11.32               | ND                    | NA                     | 28.30            |
| OAPIS-1  | 11/14/2016    | 6916.73                             | NA                                  | 6905.29                           | 11.44               | ND                    | NA                     | 28.30            |
| OAPIS-1  | 2/21/2017     | 6916.73                             | NA                                  | 6905.13                           | 11.60               | ND                    | NA                     | 28.30            |
| OAPIS-1  | 6/1/2017      | 6916.73                             | NA                                  | 6905.27                           | 11.46               | ND                    | NA                     | 28.30            |
| OAPIS-1  | 9/5/2017      | 6916.73                             | NA                                  | 6905.64                           | 11.09               | ND                    | NA                     | 28.30            |
| OAPIS-1  | 12/4/2017     | 6916.73                             | NA                                  | 6904.85                           | 11.88               | ND                    | NA                     | 27.78            |
| OAPIS-1  | 2/9/2018      | 6916.73                             | NA                                  | 6904.13                           | 12.60               | ND                    | NA                     | 27.78            |
| OAPIS-1  | 4/26/2018     | 6916.73                             | NA                                  | 6904.31                           | 12.42               | ND                    | NA                     | 27.75            |
| OAPIS-1  | 8/15/2018     | 6916.73                             | NA                                  | 6905.13                           | 11.60               | ND                    | NA                     | 27.86            |
| OAPIS-1  | 11/19/2018    | 6916.73                             | NA                                  | 6904.84                           | 11.89               | ND                    | NA                     | 27.78            |
| OAPIS-1  | 3/28/2019     | 6916.73                             | NA                                  | 6905.30                           | 11.43               | ND                    | NA                     | 26.00            |
| OAPIS-1  | 5/8/2019      | 6916.73                             | NA                                  | 6904.64                           | 12.09               | ND                    | NA                     | 26.00            |
| OAPIS-1  | 8/22/2019     | 6916.73                             | NA                                  | 6905.64                           | 11.09               | ND                    | NA                     | 27.86            |

**APPENDIX A. FLUID LEVEL MEASUREMENTS**  
**MARATHON PETROLEUM COMPANY**  
**GALLUP REFINING DIVISION, GALLUP, NEW MEXICO**

| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| OAPIS-1  | 10/21/2019    | 6916.73                             | NA                                  | 6905.29                           | 11.44               | ND                    | NA                     | 27.78            |
| OAPIS-1  | 9/15/2020     | 6916.73                             | NA                                  | 6904.83                           | 11.90               | ND                    | NA                     | 28.00            |
| OAPIS-1  | 11/10/2020    | 6916.73                             | NA                                  | 6904.71                           | 12.02               | ND                    | NA                     | 28.00            |
| OAPIS-1  | 12/7/2020     | 6916.73                             | NA                                  | 6904.42                           | 12.31               | ND                    | NA                     | 28.00            |
| OW-01    | 3/7/2014      | 6866.62                             | NA                                  | 6866.62                           | 0.00                | ND                    | NA                     | 94.55            |
| OW-01    | 6/3/2014      | 6866.62                             | NA                                  | 6866.62                           | 0.00                | ND                    | NA                     | 94.55            |
| OW-01    | 9/11/2014     | 6866.62                             | NA                                  | 6866.61                           | 0.01                | ND                    | NA                     | 94.55            |
| OW-01    | 11/10/2014    | 6866.62                             | NA                                  | 6866.62                           | 0.00                | ND                    | NA                     | 94.55            |
| OW-01    | 3/9/2015      | 6866.62                             | NA                                  | 6866.62                           | 0.00                | ND                    | NA                     | 94.55            |
| OW-01    | 6/3/2015      | 6866.62                             | NA                                  | 6866.62                           | 0.00                | ND                    | NA                     | 94.55            |
| OW-01    | 8/12/2015     | 6866.62                             | NA                                  | 6866.62                           | 0.00                | ND                    | NA                     | 94.55            |
| OW-01    | 10/28/2015    | 6866.62                             | NA                                  | 6866.62                           | 0.00                | ND                    | NA                     | 94.55            |
| OW-01    | 3/3/2016      | 6866.62                             | NA                                  | 6866.62                           | 0.00                | ND                    | NA                     | 94.55            |
| OW-01    | 6/6/2016      | 6866.62                             | NA                                  | 6866.62                           | 0.00                | ND                    | NA                     | 94.55            |
| OW-01    | 9/6/2016      | 6866.62                             | NA                                  | 6866.62                           | 0.00                | ND                    | NA                     | 94.55            |
| OW-01    | 11/15/2016    | 6866.62                             | NA                                  | 6864.90                           | 1.72                | ND                    | NA                     | 94.55            |
| OW-01    | 2/27/2017     | 6866.62                             | NA                                  | 6864.91                           | 1.71                | ND                    | NA                     | 94.55            |
| OW-01    | 5/31/2017     | 6866.62                             | NA                                  | 6864.85                           | 1.77                | ND                    | NA                     | 94.55            |
| OW-01    | 9/6/2017      | 6866.62                             | NA                                  | 6864.92                           | 1.70                | ND                    | NA                     | 94.55            |
| OW-01    | 12/8/2017     | 6866.62                             | NA                                  | 6864.91                           | 1.71                | ND                    | NA                     | 94.55            |
| OW-01    | 2/27/2018     | 6866.62                             | NA                                  | 6865.17                           | 1.45                | ND                    | NA                     | 94.55            |
| OW-01    | 4/25/2018     | 6866.62                             | NA                                  | 6864.82                           | 1.80                | ND                    | NA                     | 94.54            |
| OW-01    | 8/14/2018     | 6866.62                             | NA                                  | 6864.82                           | 1.80                | ND                    | NA                     | 94.55            |
| OW-01    | 11/7/2018     | 6866.62                             | NA                                  | 6865.29                           | 1.33                | ND                    | NA                     | 94.55            |
| OW-01    | 3/27/2019     | 6866.62                             | NA                                  | 6864.93                           | 1.69                | ND                    | NA                     | 94.55            |
| OW-01    | 5/21/2019     | 6866.62                             | NA                                  | 6864.89                           | 1.73                | ND                    | NA                     | 94.55            |
| OW-01    | 8/15/2019     | 6866.62                             | NA                                  | 6865.25                           | 1.37                | ND                    | NA                     | 94.55            |
| OW-01    | 10/16/2019    | 6866.62                             | NA                                  | 6865.17                           | 1.45                | ND                    | NA                     | 94.55            |
| OW-01    | 9/15/2020     | 6866.62                             | NA                                  | 6865.17                           | 1.45                | ND                    | NA                     | 99.39            |
| OW-01    | 12/7/2020     | 6866.62                             | NA                                  | 6864.87                           | 1.75                | ND                    | NA                     | 99.39            |
| OW-10    | 3/7/2014      | 6874.91                             | NA                                  | 6874.91                           | 0.00                | ND                    | NA                     | 60.33            |
| OW-10    | 6/3/2014      | 6874.91                             | NA                                  | 6873.46                           | 1.45                | ND                    | NA                     | 60.33            |
| OW-10    | 9/12/2014     | 6874.91                             | NA                                  | 6872.58                           | 2.33                | ND                    | NA                     | 60.33            |
| OW-10    | 11/10/2014    | 6874.91                             | NA                                  | 6872.11                           | 2.80                | ND                    | NA                     | 60.33            |
| OW-10    | 3/9/2015      | 6874.91                             | NA                                  | 6873.95                           | 0.96                | ND                    | NA                     | 60.33            |
| OW-10    | 6/3/2015      | 6874.91                             | NA                                  | 6873.91                           | 1.00                | ND                    | NA                     | 60.33            |
| OW-10    | 8/12/2015     | 6874.91                             | NA                                  | 6874.53                           | 0.38                | ND                    | NA                     | 60.33            |
| OW-10    | 10/28/2015    | 6874.91                             | NA                                  | 6873.44                           | 1.47                | ND                    | NA                     | 60.33            |
| OW-10    | 3/3/2016      | 6874.91                             | NA                                  | 6873.49                           | 1.42                | ND                    | NA                     | 60.33            |
| OW-10    | 6/6/2016      | 6874.91                             | NA                                  | 6873.69                           | 1.22                | ND                    | NA                     | 60.33            |

**APPENDIX A. FLUID LEVEL MEASUREMENTS**  
**MARATHON PETROLEUM COMPANY**  
**GALLUP REFINING DIVISION, GALLUP, NEW MEXICO**

| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| OW-10    | 9/6/2016      | 6874.91                             | NA                                  | 6873.21                           | 1.70                | ND                    | NA                     | 60.33            |
| OW-10    | 11/15/2016    | 6874.91                             | NA                                  | 6874.37                           | 0.54                | ND                    | NA                     | 60.33            |
| OW-10    | 2/27/2017     | 6874.91                             | NA                                  | 6874.35                           | 0.56                | ND                    | NA                     | 60.33            |
| OW-10    | 5/31/2017     | 6874.91                             | NA                                  | 6873.84                           | 1.07                | ND                    | NA                     | 60.33            |
| OW-10    | 9/7/2017      | 6874.91                             | NA                                  | 6873.03                           | 1.88                | ND                    | NA                     | 60.33            |
| OW-10    | 12/7/2017     | 6874.91                             | NA                                  | 6872.66                           | 2.25                | ND                    | NA                     | 60.33            |
| OW-10    | 2/27/2018     | 6874.91                             | NA                                  | 6872.93                           | 1.98                | ND                    | NA                     | 60.33            |
| OW-10    | 4/25/2018     | 6874.91                             | NA                                  | 6873.05                           | 1.86                | ND                    | NA                     | 60.13            |
| OW-10    | 8/15/2018     | 6874.91                             | NA                                  | 6872.50                           | 2.41                | ND                    | NA                     | 60.13            |
| OW-10    | 11/8/2018     | 6874.91                             | NA                                  | 6872.41                           | 2.50                | ND                    | NA                     | 60.33            |
| OW-10    | 3/27/2019     | 6874.91                             | NA                                  | 6874.91                           | 0.00                | ND                    | NA                     | 60.33            |
| OW-10    | 5/22/2019     | 6874.91                             | NA                                  | 6874.91                           | 0.00                | ND                    | NA                     | 60.33            |
| OW-10    | 8/15/2019     | 6874.91                             | NA                                  | 6873.89                           | 1.02                | ND                    | NA                     | 60.13            |
| OW-10    | 10/17/2019    | 6874.91                             | NA                                  | 6872.58                           | 2.33                | ND                    | NA                     | 60.33            |
| OW-10    | 9/20/2020     | 6874.91                             | NA                                  | 6867.21                           | 7.70                | ND                    | NA                     | 66.30            |
| OW-10    | 10/9/2020     | 6874.91                             | NA                                  | 6867.21                           | 7.70                | ND                    | NA                     | 66.30            |
| OW-10    | 12/7/2020     | 6874.91                             | NA                                  | 6867.30                           | 7.61                | ND                    | NA                     | 66.30            |
| OW-11    | 9/12/2014     | 6923.51                             | NA                                  | 6903.40                           | 20.11               | ND                    | NA                     | 65.79            |
| OW-11    | 8/10/2015     | 6923.51                             | NA                                  | 6904.21                           | 19.30               | ND                    | NA                     | 65.79            |
| OW-11    | 9/9/2016      | 6923.51                             | NA                                  | 6904.72                           | 18.79               | ND                    | NA                     | 65.79            |
| OW-11    | 9/18/2017     | 6923.51                             | NA                                  | 6905.43                           | 18.08               | ND                    | NA                     | 65.79            |
| OW-11    | 8/15/2018     | 6923.51                             | NA                                  | 6904.31                           | 19.20               | ND                    | NA                     | 65.79            |
| OW-11    | 8/20/2019     | 6923.51                             | NA                                  | 6905.81                           | 17.70               | ND                    | NA                     | 65.79            |
| OW-11    | 9/15/2020     | 6923.51                             | NA                                  | 6905.00                           | 18.51               | ND                    | NA                     | 65.83            |
| OW-12    | 9/12/2014     | 6940.69                             | NA                                  | 6892.91                           | 47.78               | ND                    | NA                     | 128.85           |
| OW-12    | 8/13/2015     | 6940.69                             | NA                                  | 6893.27                           | 47.42               | ND                    | NA                     | 128.85           |
| OW-12    | 9/8/2016      | 6940.69                             | NA                                  | 6893.46                           | 47.23               | ND                    | NA                     | 128.85           |
| OW-12    | 9/19/2017     | 6940.69                             | NA                                  | 6893.95                           | 46.74               | ND                    | NA                     | 128.85           |
| OW-12    | 8/15/2018     | 6940.69                             | NA                                  | 6894.19                           | 46.50               | ND                    | NA                     | 128.85           |
| OW-12    | 9/14/2020     | 6940.69                             | NA                                  | 6894.24                           | 46.45               | ND                    | NA                     | 131.20           |
| OW-12    | 11/9/2020     | 6940.69                             | NA                                  | 6894.20                           | 46.49               | ND                    | NA                     | 131.20           |
| OW-13    | 3/7/2014      | 6920.07                             | NA                                  | 6898.30                           | 21.77               | ND                    | NA                     | 99.15            |
| OW-13    | 6/3/2014      | 6920.07                             | NA                                  | 6898.12                           | 21.95               | ND                    | NA                     | 99.15            |
| OW-13    | 9/15/2014     | 6920.07                             | NA                                  | 6897.46                           | 22.61               | ND                    | NA                     | 99.15            |
| OW-13    | 11/10/2014    | 6920.07                             | NA                                  | 6897.62                           | 22.45               | ND                    | NA                     | 99.15            |
| OW-13    | 3/9/2015      | 6920.07                             | NA                                  | 6898.15                           | 21.92               | ND                    | NA                     | 99.15            |
| OW-13    | 6/1/2015      | 6920.07                             | NA                                  | 6898.31                           | 21.76               | ND                    | NA                     | 99.15            |
| OW-13    | 8/10/2015     | 6920.07                             | NA                                  | 6897.93                           | 22.14               | ND                    | NA                     | 99.15            |
| OW-13    | 10/27/2015    | 6920.07                             | NA                                  | 6897.97                           | 22.10               | ND                    | NA                     | 99.15            |
| OW-13    | 3/4/2016      | 6920.07                             | NA                                  | 6898.64                           | 21.43               | ND                    | NA                     | 99.15            |

**APPENDIX A. FLUID LEVEL MEASUREMENTS**  
**MARATHON PETROLEUM COMPANY**  
**GALLUP REFINING DIVISION, GALLUP, NEW MEXICO**

| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| OW-13    | 6/6/2016      | 6920.07                             | NA                                  | 6898.62                           | 21.45               | ND                    | NA                     | 99.15            |
| OW-13    | 8/31/2016     | 6920.07                             | NA                                  | 6898.13                           | 21.94               | ND                    | NA                     | 99.15            |
| OW-13    | 11/15/2016    | 6920.07                             | NA                                  | 6898.39                           | 21.68               | ND                    | NA                     | 99.15            |
| OW-13    | 2/27/2017     | 6920.07                             | NA                                  | 6898.96                           | 21.11               | ND                    | NA                     | 99.15            |
| OW-13    | 5/31/2017     | 6920.07                             | NA                                  | 6898.62                           | 21.45               | ND                    | NA                     | 99.15            |
| OW-13    | 9/6/2017      | 6920.07                             | NA                                  | 6898.66                           | 21.41               | ND                    | NA                     | 99.15            |
| OW-13    | 12/11/2017    | 6920.07                             | NA                                  | 6899.07                           | 21.00               | ND                    | NA                     | 99.15            |
| OW-13    | 2/28/2018     | 6920.07                             | NA                                  | 6899.57                           | 20.50               | ND                    | NA                     | 99.15            |
| OW-13    | 4/26/2018     | 6920.07                             | NA                                  | 6899.66                           | 20.41               | ND                    | NA                     | 99.00            |
| OW-13    | 8/14/2018     | 6920.07                             | NA                                  | 6899.37                           | 20.70               | ND                    | NA                     | 102.00           |
| OW-13    | 11/6/2018     | 6920.07                             | NA                                  | 6899.37                           | 20.70               | ND                    | NA                     | 99.15            |
| OW-13    | 2/5/2019      | 6920.07                             | NA                                  | 6899.69                           | 20.38               | ND                    | NA                     | 99.15            |
| OW-13    | 5/1/2019      | 6920.07                             | NA                                  | 6900.07                           | 20.00               | ND                    | NA                     | 99.15            |
| OW-13    | 8/12/2019     | 6920.07                             | NA                                  | 6899.57                           | 20.50               | ND                    | NA                     | 102.00           |
| OW-13    | 10/14/2019    | 6920.07                             | NA                                  | 6899.33                           | 20.74               | ND                    | NA                     | 99.15            |
| OW-13    | 9/14/2020     | 6920.07                             | NA                                  | 6899.08                           | 20.99               | ND                    | NA                     | 91.65            |
| OW-13    | 11/9/2020     | 6920.07                             | NA                                  | 6899.69                           | 20.38               | ND                    | NA                     | 91.65            |
| OW-13    | 12/7/2020     | 6920.07                             | NA                                  | 6899.83                           | 20.24               | ND                    | NA                     | 91.65            |
| OW-14    | 3/7/2014      | 6926.65                             | NA                                  | 6902.53                           | 24.12               | ND                    | NA                     | 46.52            |
| OW-14    | 6/3/2014      | 6926.65                             | NA                                  | 6902.50                           | 24.15               | ND                    | NA                     | 46.52            |
| OW-14    | 9/15/2014     | 6926.65                             | NA                                  | 6902.25                           | 24.40               | ND                    | NA                     | 46.52            |
| OW-14    | 11/10/2014    | 6926.65                             | NA                                  | 6902.40                           | 24.25               | ND                    | NA                     | 46.52            |
| OW-14    | 3/9/2015      | 6926.65                             | NA                                  | 6902.70                           | 23.95               | ND                    | NA                     | 46.52            |
| OW-14    | 6/1/2015      | 6926.65                             | NA                                  | 6902.77                           | 23.88               | ND                    | NA                     | 46.52            |
| OW-14    | 8/10/2015     | 6926.65                             | NA                                  | 6902.69                           | 23.96               | ND                    | NA                     | 46.52            |
| OW-14    | 10/27/2015    | 6926.65                             | NA                                  | 6902.96                           | 23.69               | ND                    | NA                     | 46.52            |
| OW-14    | 3/4/2016      | 6926.65                             | NA                                  | 6903.45                           | 23.20               | ND                    | NA                     | 46.52            |
| OW-14    | 6/6/2016      | 6926.65                             | NA                                  | 6903.47                           | 23.18               | ND                    | NA                     | 46.52            |
| OW-14    | 8/31/2016     | 6926.65                             | NA                                  | 6903.15                           | 23.50               | ND                    | NA                     | 46.52            |
| OW-14    | 11/15/2016    | 6926.65                             | NA                                  | 6903.37                           | 23.28               | ND                    | NA                     | 46.52            |
| OW-14    | 2/27/2017     | 6926.65                             | NA                                  | 6903.82                           | 22.83               | ND                    | NA                     | 46.52            |
| OW-14    | 5/30/2017     | 6926.65                             | NA                                  | 6903.47                           | 23.18               | ND                    | NA                     | 46.52            |
| OW-14    | 9/6/2017      | 6926.65                             | NA                                  | 6904.09                           | 22.56               | ND                    | NA                     | 46.52            |
| OW-14    | 12/11/2017    | 6926.65                             | NA                                  | 6904.45                           | 22.20               | ND                    | NA                     | 46.52            |
| OW-14    | 2/27/2018     | 6926.65                             | NA                                  | 6904.85                           | 21.80               | ND                    | NA                     | 46.52            |
| OW-14    | 4/26/2018     | 6926.65                             | NA                                  | 6904.90                           | 21.75               | ND                    | NA                     | 46.75            |
| OW-14    | 8/14/2018     | 6926.65                             | NA                                  | 6904.70                           | 21.95               | ND                    | NA                     | 46.78            |
| OW-14    | 11/6/2018     | 6926.65                             | NA                                  | 6904.83                           | 21.82               | ND                    | NA                     | 46.52            |
| OW-14    | 2/5/2019      | 6926.65                             | NA                                  | 6905.01                           | 21.64               | ND                    | NA                     | 46.52            |
| OW-14    | 5/1/2019      | 6926.65                             | NA                                  | 6905.20                           | 21.45               | ND                    | NA                     | 46.52            |

**APPENDIX A. FLUID LEVEL MEASUREMENTS**  
**MARATHON PETROLEUM COMPANY**  
**GALLUP REFINING DIVISION, GALLUP, NEW MEXICO**

| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| OW-14    | 8/12/2019     | 6926.65                             | NA                                  | NA                                | NA                  | NA                    | NA                     | 46.78            |
| OW-14    | 11/1/2019     | 6926.65                             | NA                                  | NA                                | NA                  | NA                    | NA                     | 46.52            |
| OW-14    | 9/14/2020     | 6926.65                             | NA                                  | NA                                | NA                  | NA                    | NA                     | 46.52            |
| OW-14    | 12/7/2020     | 6926.65                             | NA                                  | 6902.25                           | 24.40               | NA                    | NA                     | 46.52            |
| OW-29    | 3/7/2014      | 6917.00                             | NA                                  | 6898.15                           | 18.85               | ND                    | NA                     | 51.08            |
| OW-29    | 6/2/2014      | 6917.00                             | NA                                  | 6898.05                           | 18.95               | ND                    | NA                     | 51.08            |
| OW-29    | 9/15/2014     | 6917.00                             | NA                                  | 6897.65                           | 19.35               | ND                    | NA                     | 51.08            |
| OW-29    | 11/11/2014    | 6917.00                             | NA                                  | 6897.84                           | 19.16               | ND                    | NA                     | 51.08            |
| OW-29    | 3/9/2015      | 6917.00                             | NA                                  | 6898.33                           | 18.67               | ND                    | NA                     | 51.08            |
| OW-29    | 6/1/2015      | 6917.00                             | NA                                  | 6898.33                           | 18.67               | ND                    | NA                     | 51.08            |
| OW-29    | 8/10/2015     | 6917.00                             | NA                                  | 6898.06                           | 18.94               | ND                    | NA                     | 51.08            |
| OW-29    | 10/27/2015    | 6917.00                             | NA                                  | 6898.28                           | 18.72               | ND                    | NA                     | 51.08            |
| OW-29    | 3/4/2016      | 6917.00                             | NA                                  | 6898.85                           | 18.15               | ND                    | NA                     | 51.08            |
| OW-29    | 6/6/2016      | 6917.00                             | NA                                  | 6898.84                           | 18.16               | ND                    | NA                     | 51.08            |
| OW-29    | 8/31/2016     | 6917.00                             | NA                                  | 6898.40                           | 18.60               | ND                    | NA                     | 51.08            |
| OW-29    | 11/15/2016    | 6917.00                             | NA                                  | 6898.77                           | 18.23               | ND                    | NA                     | 51.08            |
| OW-29    | 2/27/2017     | 6917.00                             | NA                                  | 6899.18                           | 17.82               | ND                    | NA                     | 51.08            |
| OW-29    | 5/30/2017     | 6917.00                             | NA                                  | 6898.84                           | 18.16               | ND                    | NA                     | 51.08            |
| OW-29    | 9/6/2017      | 6917.00                             | NA                                  | 6898.95                           | 18.05               | ND                    | NA                     | 51.08            |
| OW-29    | 12/11/2017    | 6917.00                             | NA                                  | 6899.50                           | 17.50               | ND                    | NA                     | 51.08            |
| OW-29    | 2/27/2018     | 6917.00                             | NA                                  | 6899.88                           | 17.12               | ND                    | NA                     | 51.08            |
| OW-29    | 4/26/2018     | 6917.00                             | NA                                  | 6900.02                           | 16.98               | ND                    | NA                     | 51.90            |
| OW-29    | 8/14/2018     | 6917.00                             | NA                                  | 6899.48                           | 17.52               | ND                    | NA                     | 52.40            |
| OW-29    | 11/6/2018     | 6917.00                             | NA                                  | 6899.78                           | 17.22               | ND                    | NA                     | 51.08            |
| OW-29    | 2/5/2019      | 6917.00                             | NA                                  | 6900.08                           | 16.92               | ND                    | NA                     | 51.08            |
| OW-29    | 5/1/2019      | 6917.00                             | NA                                  | 6900.29                           | 16.71               | ND                    | NA                     | 51.08            |
| OW-29    | 8/12/2019     | 6917.00                             | NA                                  | 6899.84                           | 17.16               | ND                    | NA                     | 52.40            |
| OW-29    | 10/14/2019    | 6917.00                             | NA                                  | 6899.76                           | 17.24               | ND                    | NA                     | 51.08            |
| OW-29    | 9/14/2020     | 6917.00                             | NA                                  | 6902.43                           | 14.57               | ND                    | NA                     | 51.05            |
| OW-29    | 11/9/2020     | 6917.00                             | NA                                  | 6899.77                           | 17.23               | ND                    | NA                     | 51.05            |
| OW-29    | 12/7/2020     | 6917.00                             | NA                                  | 6899.85                           | 17.15               | ND                    | NA                     | 51.05            |
| OW-30    | 3/7/2014      | 6924.69                             | NA                                  | 6901.27                           | 23.42               | ND                    | NA                     | 49.90            |
| OW-30    | 6/3/2014      | 6924.69                             | NA                                  | 6901.18                           | 23.51               | ND                    | NA                     | 49.90            |
| OW-30    | 9/17/2014     | 6924.69                             | NA                                  | 6900.85                           | 23.84               | ND                    | NA                     | 49.90            |
| OW-30    | 11/11/2014    | 6924.69                             | NA                                  | 6900.99                           | 23.70               | ND                    | NA                     | 49.90            |
| OW-30    | 3/9/2015      | 6924.69                             | NA                                  | 6901.44                           | 23.25               | ND                    | NA                     | 49.90            |
| OW-30    | 6/1/2015      | 6924.69                             | NA                                  | 6901.49                           | 23.20               | ND                    | NA                     | 49.90            |
| OW-30    | 8/10/2015     | 6924.69                             | NA                                  | 6901.27                           | 23.42               | ND                    | NA                     | 49.90            |
| OW-30    | 10/27/2015    | 6924.69                             | NA                                  | 6901.55                           | 23.14               | ND                    | NA                     | 49.90            |
| OW-30    | 3/8/2016      | 6924.69                             | NA                                  | 6902.14                           | 22.55               | ND                    | NA                     | 49.90            |

**APPENDIX A. FLUID LEVEL MEASUREMENTS**  
**MARATHON PETROLEUM COMPANY**  
**GALLUP REFINING DIVISION, GALLUP, NEW MEXICO**

| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| OW-30    | 6/6/2016      | 6924.69                             | NA                                  | 6902.05                           | 22.64               | ND                    | NA                     | 49.90            |
| OW-30    | 8/31/2016     | 6924.69                             | NA                                  | 6901.39                           | 23.30               | ND                    | NA                     | 49.90            |
| OW-30    | 11/14/2016    | 6924.69                             | NA                                  | 6901.94                           | 22.75               | ND                    | NA                     | 49.90            |
| OW-30    | 2/27/2017     | 6924.69                             | NA                                  | 6902.45                           | 22.24               | ND                    | NA                     | 49.90            |
| OW-30    | 5/31/2017     | 6924.69                             | NA                                  | 6902.05                           | 22.64               | ND                    | NA                     | 49.90            |
| OW-30    | 9/6/2017      | 6924.69                             | NA                                  | 6902.41                           | 22.28               | ND                    | NA                     | 49.90            |
| OW-30    | 12/12/2017    | 6924.69                             | NA                                  | 6902.94                           | 21.75               | ND                    | NA                     | 49.90            |
| OW-30    | 2/28/2018     | 6924.69                             | NA                                  | 6903.36                           | 21.33               | ND                    | NA                     | 49.90            |
| OW-30    | 4/26/2018     | 6924.69                             | NA                                  | 6903.41                           | 21.28               | ND                    | NA                     | 50.20            |
| OW-30    | 8/15/2018     | 6924.69                             | NA                                  | 6902.99                           | 21.70               | ND                    | NA                     | 51.40            |
| OW-30    | 12/3/2018     | 6924.69                             | NA                                  | 6903.39                           | 21.30               | ND                    | NA                     | 49.90            |
| OW-30    | 3/27/2019     | 6924.69                             | NA                                  | 6903.56                           | 21.13               | ND                    | NA                     | 49.90            |
| OW-30    | 6/5/2019      | 6924.69                             | NA                                  | 6903.55                           | 21.14               | ND                    | NA                     | 49.90            |
| OW-30    | 8/12/2019     | 6924.69                             | NA                                  | NA                                | NA                  | NA                    | NA                     | 51.40            |
| OW-30    | 11/1/2019     | 6924.69                             | NA                                  | NA                                | NA                  | ND                    | NA                     | 49.90            |
| OW-30    | 9/15/2020     | 6924.69                             | NA                                  | NA                                | NA                  | ND                    | NA                     | 49.90            |
| OW-30    | 12/7/2020     | 6924.69                             | NA                                  | 6902.47                           | 22.22               | ND                    | NA                     | 49.90            |
| OW-50    | 9/15/2014     | 6914.21                             | NA                                  | 6897.35                           | 16.86               | ND                    | NA                     | 64.00            |
| OW-50    | 8/10/2015     | 6914.21                             | NA                                  | 6897.74                           | 16.47               | ND                    | NA                     | 64.00            |
| OW-50    | 9/9/2016      | 6914.21                             | NA                                  | 6898.02                           | 16.19               | ND                    | NA                     | 64.00            |
| OW-50    | 9/11/2017     | 6914.21                             | NA                                  | 6898.61                           | 15.60               | ND                    | NA                     | 64.00            |
| OW-50    | 8/14/2018     | 6914.21                             | NA                                  | 6899.09                           | 15.12               | ND                    | NA                     | 65.25            |
| OW-50    | 11/7/2018     | 6914.21                             | NA                                  | 6899.01                           | 15.20               | ND                    | NA                     | 64.00            |
| OW-50    | 3/27/2019     | 6914.21                             | NA                                  | 6899.81                           | 14.40               | ND                    | NA                     | 64.00            |
| OW-50    | 5/1/2019      | 6914.21                             | NA                                  | 6899.82                           | 14.39               | ND                    | NA                     | 64.00            |
| OW-50    | 8/16/2019     | 6914.21                             | NA                                  | 6899.47                           | 14.74               | ND                    | NA                     | 64.00            |
| OW-50    | 10/15/2019    | 6914.21                             | NA                                  | 6899.29                           | 14.92               | ND                    | NA                     | 64.00            |
| OW-50    | 9/14/2020     | 6914.21                             | NA                                  | 6899.10                           | 15.11               | ND                    | NA                     | 39.02            |
| OW-50    | 11/9/2020     | 6914.21                             | NA                                  | 6899.34                           | 14.87               | ND                    | NA                     | 39.02            |
| OW-50    | 12/7/2020     | 6914.21                             | NA                                  | 6899.49                           | 14.72               | ND                    | NA                     | 39.02            |
| OW-52    | 9/15/2014     | 6907.68                             | NA                                  | 6891.88                           | 15.80               | ND                    | NA                     | 77.74            |
| OW-52    | 8/10/2015     | 6907.68                             | NA                                  | 6892.19                           | 15.49               | ND                    | NA                     | 77.74            |
| OW-52    | 9/9/2016      | 6907.68                             | NA                                  | 6892.40                           | 15.28               | ND                    | NA                     | 77.74            |
| OW-52    | 9/11/2017     | 6907.68                             | NA                                  | 6892.83                           | 14.85               | ND                    | NA                     | 77.74            |
| OW-52    | 8/15/2018     | 6907.68                             | NA                                  | 6893.16                           | 14.52               | ND                    | NA                     | 79.00            |
| OW-52    | 11/7/2018     | 6907.68                             | NA                                  | 6893.24                           | 14.44               | ND                    | NA                     | 77.74            |
| OW-52    | 3/27/2019     | 6907.68                             | NA                                  | 6893.71                           | 13.97               | ND                    | NA                     | 77.74            |
| OW-52    | 5/1/2019      | 6907.68                             | NA                                  | 6893.94                           | 13.74               | ND                    | NA                     | 77.74            |
| OW-52    | 8/16/2019     | 6907.68                             | NA                                  | 6893.47                           | 14.21               | ND                    | NA                     | 77.74            |
| OW-52    | 10/15/2019    | 6907.68                             | NA                                  | 6893.28                           | 14.40               | ND                    | NA                     | 77.74            |

**APPENDIX A. FLUID LEVEL MEASUREMENTS**  
**MARATHON PETROLEUM COMPANY**  
**GALLUP REFINING DIVISION, GALLUP, NEW MEXICO**

| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| OW-52    | 9/14/2020     | 6907.68                             | NA                                  | 6893.12                           | 14.56               | ND                    | NA                     | 40.43            |
| OW-52    | 10/9/2020     | 6907.68                             | NA                                  | 6893.16                           | 14.52               | ND                    | NA                     | 40.43            |
| OW-52    | 12/7/2020     | 6907.68                             | NA                                  | 6893.26                           | 14.42               | ND                    | NA                     | 40.43            |
| OW-53    | 3/29/2017     | 6914.38                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 33.90            |
| OW-53    | 6/21/2017     | 6914.38                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 33.90            |
| OW-53    | 9/11/2017     | 6914.38                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 33.90            |
| OW-53    | 12/5/2017     | 6914.38                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 33.90            |
| OW-53    | 2/21/2018     | 6914.38                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 33.90            |
| OW-53    | 4/26/2018     | 6914.38                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 33.90            |
| OW-53    | 8/15/2018     | 6914.38                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 33.91            |
| OW-53    | 11/6/2018     | 6914.38                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 33.90            |
| OW-53    | 2/6/2019      | 6914.38                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 33.91            |
| OW-53    | 5/2/2019      | 6914.38                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 33.91            |
| OW-53    | 8/21/2019     | 6914.38                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 33.91            |
| OW-53    | 10/15/2019    | 6914.38                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 33.91            |
| OW-53    | 9/14/2020     | 6914.38                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 33.91            |
| OW-53    | 11/9/2020     | 6914.38                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 33.91            |
| OW-53    | 12/7/2020     | 6914.38                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 33.91            |
| OW-54    | 3/29/2017     | 6918.92                             | NA                                  | 6900.48                           | 18.44               | ND                    | NA                     | 31.04            |
| OW-54    | 6/21/2017     | 6918.92                             | NA                                  | 6900.29                           | 18.63               | ND                    | NA                     | 31.04            |
| OW-54    | 9/11/2017     | 6918.92                             | NA                                  | 6900.22                           | 18.70               | ND                    | NA                     | 31.04            |
| OW-54    | 12/5/2017     | 6918.92                             | NA                                  | 6900.65                           | 18.27               | ND                    | NA                     | 31.06            |
| OW-54    | 2/21/2018     | 6918.92                             | NA                                  | 6900.87                           | 18.05               | ND                    | NA                     | 30.87            |
| OW-54    | 4/26/2018     | 6918.92                             | NA                                  | 6901.09                           | 17.83               | ND                    | NA                     | 29.70            |
| OW-54    | 8/14/2018     | 6918.92                             | NA                                  | 6900.69                           | 18.23               | ND                    | NA                     | 29.62            |
| OW-54    | 11/6/2018     | 6918.92                             | NA                                  | 6901.02                           | 17.90               | ND                    | NA                     | 31.06            |
| OW-54    | 2/6/2019      | 6918.92                             | NA                                  | 6901.34                           | 17.58               | ND                    | NA                     | 31.04            |
| OW-54    | 5/2/2019      | 6918.92                             | NA                                  | 6901.40                           | 17.52               | ND                    | NA                     | 31.04            |
| OW-54    | 8/21/2019     | 6918.92                             | NA                                  | 6900.92                           | 18.00               | ND                    | NA                     | 29.62            |
| OW-54    | 10/15/2019    | 6918.92                             | NA                                  | 6900.83                           | 18.09               | ND                    | NA                     | 31.06            |
| OW-54    | 9/14/2020     | 6918.92                             | NA                                  | 6900.75                           | 18.17               | ND                    | NA                     | 24.58            |
| OW-54    | 10/9/2020     | 6918.92                             | NA                                  | 6901.00                           | 17.92               | ND                    | NA                     | 24.58            |
| OW-54    | 12/7/2020     | 6918.92                             | NA                                  | 6901.14                           | 17.78               | ND                    | NA                     | 24.58            |
| OW-55    | 3/29/2017     | 6923.25                             | NA                                  | 6904.86                           | 18.39               | ND                    | NA                     | 30.70            |
| OW-55    | 6/21/2017     | 6923.25                             | NA                                  | 6904.78                           | 18.47               | ND                    | NA                     | 30.70            |
| OW-55    | 9/11/2017     | 6923.25                             | NA                                  | 6904.76                           | 18.49               | ND                    | NA                     | 30.70            |
| OW-55    | 12/5/2017     | 6923.25                             | NA                                  | 6905.20                           | 18.05               | ND                    | NA                     | 30.90            |
| OW-55    | 2/21/2018     | 6923.25                             | NA                                  | 6905.45                           | 17.80               | ND                    | NA                     | 30.95            |
| OW-55    | 4/26/2018     | 6923.25                             | NA                                  | 6905.64                           | 17.61               | ND                    | NA                     | 30.92            |
| OW-55    | 8/14/2018     | 6923.25                             | NA                                  | 6905.31                           | 17.94               | ND                    | NA                     | 30.70            |

**APPENDIX A. FLUID LEVEL MEASUREMENTS**  
**MARATHON PETROLEUM COMPANY**  
**GALLUP REFINING DIVISION, GALLUP, NEW MEXICO**

| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| OW-55    | 11/6/2018     | 6923.25                             | NA                                  | 6905.53                           | 17.72               | ND                    | NA                     | 30.90            |
| OW-55    | 2/6/2019      | 6923.25                             | NA                                  | 6905.88                           | 17.37               | ND                    | NA                     | 30.70            |
| OW-55    | 5/2/2019      | 6923.25                             | NA                                  | 6905.87                           | 17.38               | ND                    | NA                     | 30.70            |
| OW-55    | 8/21/2019     | 6923.25                             | NA                                  | 6905.55                           | 17.70               | ND                    | NA                     | 30.70            |
| OW-55    | 10/15/2019    | 6923.25                             | NA                                  | 6905.52                           | 17.73               | ND                    | NA                     | 30.90            |
| OW-55    | 9/14/2020     | 6923.25                             | NA                                  | 6905.29                           | 17.96               | ND                    | NA                     | 24.48            |
| OW-55    | 10/9/2020     | 6923.25                             | NA                                  | 6905.55                           | 17.70               | ND                    | NA                     | 24.48            |
| OW-55    | 12/7/2020     | 6923.25                             | NA                                  | 6905.64                           | 17.61               | ND                    | NA                     | 24.48            |
| OW-56    | 3/29/2017     | 6920.18                             | NA                                  | 6907.89                           | 12.29               | ND                    | NA                     | 18.59            |
| OW-56    | 6/21/2017     | 6920.18                             | NA                                  | 6906.65                           | 13.53               | ND                    | NA                     | 18.59            |
| OW-56    | 9/11/2017     | 6920.18                             | NA                                  | 6905.68                           | 14.50               | ND                    | NA                     | 18.59            |
| OW-56    | 12/5/2017     | 6920.18                             | NA                                  | 6906.75                           | 13.43               | ND                    | NA                     | 18.58            |
| OW-56    | 2/21/2018     | 6920.18                             | NA                                  | 6907.34                           | 12.84               | ND                    | NA                     | 18.59            |
| OW-56    | 4/26/2018     | 6920.18                             | NA                                  | 6907.56                           | 12.62               | ND                    | NA                     | 18.59            |
| OW-56    | 8/14/2018     | 6920.18                             | NA                                  | 6906.36                           | 13.82               | ND                    | NA                     | 18.59            |
| OW-56    | 11/6/2018     | 6920.18                             | NA                                  | 6906.13                           | 14.05               | ND                    | NA                     | 18.58            |
| OW-56    | 2/6/2019      | 6920.18                             | NA                                  | 6907.18                           | 13.00               | ND                    | NA                     | 18.59            |
| OW-56    | 5/2/2019      | 6920.18                             | NA                                  | 6907.68                           | 12.50               | ND                    | NA                     | 18.59            |
| OW-56    | 8/21/2019     | 6920.18                             | NA                                  | 6906.52                           | 13.66               | ND                    | NA                     | 18.59            |
| OW-56    | 10/15/2019    | 6920.18                             | NA                                  | 6905.80                           | 14.38               | ND                    | NA                     | 18.58            |
| OW-56    | 9/14/2020     | 6920.18                             | NA                                  | 6905.82                           | 14.36               | ND                    | NA                     | 18.58            |
| OW-56    | 11/9/2020     | 6920.18                             | NA                                  | 6905.97                           | 14.21               | ND                    | NA                     | 18.58            |
| OW-56    | 12/7/2020     | 6920.18                             | NA                                  | 6906.45                           | 13.73               | ND                    | NA                     | 18.58            |
| OW-57    | 3/30/2017     | 6933.10                             | NA                                  | NA                                | NA                  | NA                    | NA                     | 28.35            |
| OW-57    | 6/20/2017     | 6933.10                             | NA                                  | 6912.58                           | 20.52               | ND                    | NA                     | 28.35            |
| OW-57    | 9/19/2017     | 6933.10                             | NA                                  | 6912.95                           | 20.15               | ND                    | NA                     | 28.35            |
| OW-57    | 12/5/2017     | 6933.10                             | NA                                  | 6912.99                           | 20.11               | ND                    | NA                     | 28.35            |
| OW-57    | 2/19/2018     | 6933.10                             | NA                                  | 6913.22                           | 19.88               | ND                    | NA                     | 28.35            |
| OW-57    | 4/25/2018     | 6933.10                             | NA                                  | 6913.08                           | 20.02               | ND                    | NA                     | 28.06            |
| OW-57    | 8/15/2018     | 6933.10                             | NA                                  | 6912.94                           | 20.16               | ND                    | NA                     | 28.07            |
| OW-57    | 11/29/2018    | 6933.10                             | NA                                  | 6912.80                           | 20.30               | ND                    | NA                     | 28.35            |
| OW-57    | 2/19/2019     | 6933.10                             | NA                                  | 6912.81                           | 20.29               | ND                    | NA                     | 28.10            |
| OW-57    | 5/15/2019     | 6933.10                             | NA                                  | 6913.08                           | 20.02               | ND                    | NA                     | 28.10            |
| OW-57    | 8/20/2019     | 6933.10                             | NA                                  | 6913.32                           | 19.78               | ND                    | NA                     | 28.07            |
| OW-57    | 11/4/2019     | 6933.10                             | NA                                  | 6913.13                           | 19.97               | ND                    | NA                     | 28.35            |
| OW-57    | 9/14/2020     | 6933.10                             | NA                                  | 6912.60                           | 20.50               | ND                    | NA                     | 28.09            |
| OW-57    | 11/9/2020     | 6933.10                             | NA                                  | 6912.57                           | 20.53               | ND                    | NA                     | 28.09            |
| OW-57    | 12/7/2020     | 6933.10                             | NA                                  | 6912.46                           | 20.64               | ND                    | NA                     | 28.39            |
| OW-58    | 3/29/2017     | 6934.50                             | NA                                  | 6908.50                           | 26.00               | ND                    | NA                     | 47.55            |
| OW-58    | 6/21/2017     | 6934.50                             | NA                                  | 6909.36                           | 25.14               | ND                    | NA                     | 47.55            |

**APPENDIX A. FLUID LEVEL MEASUREMENTS**  
**MARATHON PETROLEUM COMPANY**  
**GALLUP REFINING DIVISION, GALLUP, NEW MEXICO**

| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| OW-58    | 9/19/2017     | 6934.50                             | NA                                  | 6909.46                           | 25.04               | ND                    | NA                     | 47.55            |
| OW-58    | 12/6/2017     | 6934.50                             | NA                                  | 6909.83                           | 24.67               | ND                    | NA                     | 47.50            |
| OW-58    | 2/20/2018     | 6934.50                             | NA                                  | 6909.98                           | 24.52               | ND                    | NA                     | 47.62            |
| OW-58    | 4/25/2018     | 6934.50                             | NA                                  | 6910.25                           | 24.25               | ND                    | NA                     | 47.50            |
| OW-58    | 8/16/2018     | 6934.50                             | NA                                  | 6910.02                           | 24.48               | ND                    | NA                     | 47.49            |
| OW-58    | 11/29/2018    | 6934.50                             | NA                                  | 6910.23                           | 24.27               | ND                    | NA                     | 47.50            |
| OW-58    | 3/28/2019     | 6934.50                             | NA                                  | 6910.22                           | 24.28               | ND                    | NA                     | 47.30            |
| OW-58    | 6/5/2019      | 6934.50                             | NA                                  | 6910.41                           | 24.09               | ND                    | NA                     | 47.30            |
| OW-58    | 8/20/2019     | 6934.50                             | NA                                  | 6910.50                           | 24.00               | ND                    | NA                     | 47.49            |
| OW-58    | 11/18/2019    | 6934.50                             | NA                                  | 6910.51                           | 23.99               | ND                    | NA                     | 47.50            |
| OW-58    | 9/14/2020     | 6934.50                             | NA                                  | 6910.95                           | 23.55               | ND                    | NA                     | 48.00            |
| OW-58    | 11/9/2020     | 6934.50                             | NA                                  | 6911.19                           | 23.31               | ND                    | NA                     | 48.00            |
| OW-58    | 12/8/2020     | 6934.50                             | NA                                  | 6910.18                           | 24.32               | ND                    | NA                     | 47.95            |
| OW-58A   | 9/15/2020     | 6935.88                             | NA                                  | 6909.01                           | 26.87               | ND                    | NA                     | 36.00            |
| OW-58A   | 11/9/2020     | 6935.88                             | NA                                  | 6911.57                           | 24.31               | ND                    | NA                     | 36.91            |
| OW-58A   | 12/8/2020     | 6935.88                             | NA                                  | 6909.17                           | 26.71               | ND                    | NA                     | 36.38            |
| OW-59    | 9/21/2017     | 6889.73                             | NA                                  | 6865.43                           | 24.30               | ND                    | NA                     | 38.30            |
| OW-59    | 12/5/2017     | 6889.73                             | NA                                  | 6865.43                           | 24.30               | ND                    | NA                     | 38.50            |
| OW-59    | 2/21/2018     | 6889.73                             | NA                                  | 6865.73                           | 24.00               | ND                    | NA                     | 38.55            |
| OW-59    | 4/26/2018     | 6889.73                             | NA                                  | 6865.68                           | 24.05               | ND                    | NA                     | 38.48            |
| OW-59    | 8/14/2018     | 6889.73                             | NA                                  | 6865.60                           | 24.13               | ND                    | NA                     | 38.52            |
| OW-59    | 11/6/2018     | 6889.73                             | NA                                  | 6865.83                           | 23.90               | ND                    | NA                     | 38.50            |
| OW-59    | 2/13/2019     | 6889.73                             | NA                                  | 6865.83                           | 23.90               | ND                    | NA                     | 38.30            |
| OW-59    | 5/2/2019      | 6889.73                             | NA                                  | 6865.93                           | 23.80               | ND                    | NA                     | 38.30            |
| OW-59    | 8/21/2019     | 6889.73                             | NA                                  | 6865.71                           | 24.02               | ND                    | NA                     | 38.52            |
| OW-59    | 10/15/2019    | 6889.73                             | NA                                  | 6865.62                           | 24.11               | ND                    | NA                     | 38.50            |
| OW-59    | 9/14/2020     | 6889.73                             | NA                                  | 6865.67                           | 24.06               | ND                    | NA                     | 38.52            |
| OW-59    | 12/7/2020     | 6889.73                             | NA                                  | 6865.82                           | 23.91               | ND                    | NA                     | 38.55            |
| OW-60    | 9/21/2017     | 6893.51                             | NA                                  | 6877.06                           | 16.45               | ND                    | NA                     | 45.55            |
| OW-60    | 12/5/2017     | 6893.51                             | NA                                  | 6877.11                           | 16.40               | ND                    | NA                     | 45.70            |
| OW-60    | 2/21/2018     | 6893.51                             | NA                                  | 6877.25                           | 16.26               | ND                    | NA                     | 46.06            |
| OW-60    | 4/26/2018     | 6893.51                             | NA                                  | 6876.99                           | 16.52               | ND                    | NA                     | 46.15            |
| OW-60    | 8/14/2018     | 6893.51                             | NA                                  | 6876.99                           | 16.52               | ND                    | NA                     | 46.42            |
| OW-60    | 11/6/2018     | 6893.51                             | NA                                  | 6877.26                           | 16.25               | ND                    | NA                     | 45.70            |
| OW-60    | 2/13/2019     | 6893.51                             | NA                                  | 6877.08                           | 16.43               | ND                    | NA                     | 45.50            |
| OW-60    | 5/2/2019      | 6893.51                             | NA                                  | 6876.96                           | 16.55               | ND                    | NA                     | 45.50            |
| OW-60    | 8/21/2019     | 6893.51                             | NA                                  | 6876.98                           | 16.53               | ND                    | NA                     | 46.42            |
| OW-60    | 10/15/2019    | 6893.51                             | NA                                  | 6877.10                           | 16.41               | ND                    | NA                     | 45.70            |
| OW-60    | 9/14/2020     | 6893.51                             | NA                                  | 6876.94                           | 16.57               | ND                    | NA                     | 45.70            |
| OW-60    | 11/9/2020     | 6893.51                             | NA                                  | 6877.16                           | 16.35               | ND                    | NA                     | 45.70            |

**APPENDIX A. FLUID LEVEL MEASUREMENTS**  
**MARATHON PETROLEUM COMPANY**  
**GALLUP REFINING DIVISION, GALLUP, NEW MEXICO**

| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| OW-60    | 12/7/2020     | 6893.51                             | NA                                  | 6876.96                           | 16.55               | ND                    | NA                     | 45.70            |
| OW-61    | 3/21/2018     | NA                                  | NA                                  | NA                                | 16.80               | 16.71                 | 0.09                   | 31.68            |
| OW-61    | 4/24/2018     | NA                                  | NA                                  | NA                                | 18.04               | 17.22                 | 0.82                   | 31.67            |
| OW-61    | 8/16/2018     | NA                                  | NA                                  | NA                                | 22.10               | 17.40                 | 4.70                   | 31.70            |
| OW-61    | 11/29/2018    | NA                                  | NA                                  | NA                                | 22.00               | 17.95                 | 4.05                   | 32.00            |
| OW-61    | 2/19/2019     | NA                                  | NA                                  | NA                                | 22.09               | 18.00                 | 4.09                   | 32.00            |
| OW-61    | 5/15/2019     | NA                                  | NA                                  | NA                                | 21.13               | 17.62                 | 3.51                   | 32.00            |
| OW-61    | 8/20/2019     | NA                                  | NA                                  | NA                                | 20.15               | 17.42                 | 2.73                   | 31.70            |
| OW-61    | 11/4/2019     | NA                                  | NA                                  | NA                                | 20.63               | 17.54                 | 3.09                   | 32.00            |
| OW-61    | 9/15/2020     | 6963.57                             | 6946.69                             | 6944.17                           | 19.40               | 16.88                 | 2.52                   | 31.85            |
| OW-61    | 11/9/2020     | 6963.57                             | 6945.35                             | 6943.99                           | 19.58               | 18.22                 | 1.36                   | 31.85            |
| OW-61    | 12/8/2020     | 6963.57                             | 6945.17                             | 6943.27                           | 20.30               | 18.40                 | 1.90                   | 31.33            |
| OW-62    | 3/21/2018     | 6937.36                             | NA                                  | 6914.43                           | 22.93               | ND                    | NA                     | 31.57            |
| OW-62    | 4/24/2018     | 6937.36                             | NA                                  | 6914.22                           | 23.14               | ND                    | NA                     | 31.58            |
| OW-62    | 8/15/2018     | 6937.36                             | NA                                  | 6913.66                           | 23.70               | ND                    | NA                     | 31.59            |
| OW-62    | 11/29/2018    | 6937.36                             | NA                                  | 6913.37                           | 23.99               | ND                    | NA                     | 31.59            |
| OW-62    | 2/19/2019     | 6937.36                             | 6913.61                             | 6912.41                           | 24.95               | 23.75                 | 1.20                   | 31.47            |
| OW-62    | 5/15/2019     | 6937.36                             | 6913.96                             | 6913.36                           | 24.00               | 23.40                 | 0.60                   | 31.47            |
| OW-62    | 8/20/2019     | 6937.36                             | 6913.50                             | 6913.07                           | 24.29               | 23.86                 | 0.43                   | 31.47            |
| OW-62    | 11/18/2019    | 6937.36                             | 6913.64                             | 6913.02                           | 24.34               | 23.72                 | 0.62                   | 31.47            |
| OW-62    | 9/15/2020     | 6937.36                             | 6913.74                             | 6913.49                           | 23.87               | 23.62                 | 0.25                   | 32.05            |
| OW-62    | 11/9/2020     | 6937.36                             | 6913.66                             | 6913.36                           | 24.00               | 23.70                 | 0.30                   | 32.05            |
| OW-62    | 12/8/2020     | 6937.36                             | 6913.67                             | 6913.38                           | 23.98               | 23.69                 | 0.29                   | 31.66            |
| OW-63    | 3/21/2018     | NA                                  | NA                                  | NA                                | 20.19               | ND                    | NA                     | 32.18            |
| OW-63    | 4/24/2018     | NA                                  | NA                                  | NA                                | 20.33               | ND                    | NA                     | 32.18            |
| OW-63    | 8/16/2018     | NA                                  | NA                                  | NA                                | 20.60               | ND                    | NA                     | 32.20            |
| OW-63    | 11/29/2018    | NA                                  | NA                                  | NA                                | 20.95               | ND                    | NA                     | 32.00            |
| OW-63    | 2/19/2019     | NA                                  | NA                                  | NA                                | 20.74               | ND                    | NA                     | 32.00            |
| OW-63    | 5/15/2019     | NA                                  | NA                                  | NA                                | 20.35               | ND                    | NA                     | 32.00            |
| OW-63    | 8/19/2019     | NA                                  | NA                                  | NA                                | 20.12               | ND                    | NA                     | 32.20            |
| OW-63    | 11/18/2019    | NA                                  | NA                                  | NA                                | 20.30               | ND                    | NA                     | 32.00            |
| OW-63    | 9/14/2020     | 6935.06                             | NA                                  | 6914.33                           | 20.73               | ND                    | NA                     | 32.05            |
| OW-63    | 11/9/2020     | 6935.06                             | NA                                  | 6914.21                           | 20.85               | ND                    | NA                     | 32.05            |
| OW-63    | 12/8/2020     | 6935.06                             | NA                                  | 6914.09                           | 20.97               | ND                    | NA                     | 32.22            |
| OW-64    | 3/21/2018     | NA                                  | NA                                  | NA                                | 7.72                | ND                    | NA                     | 27.62            |
| OW-64    | 4/24/2018     | NA                                  | NA                                  | NA                                | 7.85                | ND                    | NA                     | 27.63            |
| OW-64    | 8/16/2018     | NA                                  | NA                                  | NA                                | 7.51                | ND                    | NA                     | 27.35            |
| OW-64    | 11/29/2018    | NA                                  | NA                                  | NA                                | 8.11                | 8.06                  | 0.05                   | 27.35            |
| OW-64    | 2/19/2019     | NA                                  | NA                                  | NA                                | 7.02                | 7.00                  | 0.02                   | 27.63            |
| OW-64    | 5/15/2019     | NA                                  | NA                                  | NA                                | 6.83                | ND                    | NA                     | 27.63            |

**APPENDIX A. FLUID LEVEL MEASUREMENTS**  
**MARATHON PETROLEUM COMPANY**  
**GALLUP REFINING DIVISION, GALLUP, NEW MEXICO**

| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| OW-64    | 8/19/2019     | NA                                  | NA                                  | NA                                | 7.10                | ND                    | NA                     | 27.35            |
| OW-64    | 11/18/2019    | NA                                  | NA                                  | NA                                | 8.40                | ND                    | NA                     | 27.35            |
| OW-64    | 9/14/2020     | 6947.40                             | NA                                  | 6939.45                           | 7.95                | ND                    | NA                     | 27.35            |
| OW-64    | 11/9/2020     | 6947.40                             | NA                                  | 6939.22                           | 8.18                | ND                    | NA                     | 27.35            |
| OW-64    | 12/7/2020     | 6947.40                             | NA                                  | 6939.14                           | 8.26                | ND                    | NA                     | 27.35            |
| OW-65    | 3/21/2018     | NA                                  | NA                                  | NA                                | 23.60               | 23.40                 | 0.20                   | 41.66            |
| OW-65    | 4/24/2018     | NA                                  | NA                                  | NA                                | 26.35               | 23.61                 | 2.74                   | 41.65            |
| OW-65    | 8/16/2018     | NA                                  | NA                                  | NA                                | 26.64               | 24.96                 | 1.68                   | 41.66            |
| OW-65    | 11/29/2018    | NA                                  | NA                                  | NA                                | 31.80               | 24.05                 | 7.75                   | 40.00            |
| OW-65    | 2/19/2019     | NA                                  | NA                                  | NA                                | 31.51               | 22.24                 | 9.27                   | 40.00            |
| OW-65    | 5/15/2019     | NA                                  | NA                                  | NA                                | 32.21               | 23.47                 | 8.74                   | 40.00            |
| OW-65    | 8/20/2019     | NA                                  | NA                                  | NA                                | 31.15               | 21.97                 | 9.18                   | 41.66            |
| OW-65    | 9/14/2020     | 6954.05                             | 6929.35                             | 6923.29                           | 30.76               | 24.70                 | 6.06                   | 42.80            |
| OW-65    | 11/9/2020     | 6954.05                             | 6929.00                             | 6921.70                           | 32.35               | 25.05                 | 7.30                   | 42.80            |
| OW-65    | 12/8/2020     | 6954.05                             | 6928.26                             | 6922.10                           | 31.95               | 25.79                 | 6.16                   | 42.50            |
| RW-1     | 3/14/2014     | 6946.06                             | 6917.95                             | 6914.41                           | 31.65               | 28.11                 | 3.54                   | 43.04            |
| RW-1     | 6/9/2014      | 6946.06                             | 6918.01                             | 6913.00                           | 33.06               | 28.05                 | 5.01                   | 43.04            |
| RW-1     | 9/18/2014     | 6946.06                             | 6917.75                             | NA                                | NA                  | 28.31                 | NA                     | 43.04            |
| RW-1     | 11/13/2014    | 6946.06                             | 6917.91                             | 6913.02                           | 33.04               | 28.15                 | 4.89                   | 43.04            |
| RW-1     | 3/23/2015     | 6946.06                             | 6917.96                             | 6913.26                           | 32.80               | 28.10                 | 4.70                   | 43.04            |
| RW-1     | 6/9/2015      | 6946.06                             | 6918.36                             | 6913.96                           | 32.10               | 27.70                 | 4.40                   | 43.04            |
| RW-1     | 8/23/2015     | 6946.06                             | 6917.98                             | 6916.04                           | 30.02               | 28.08                 | 1.94                   | 43.04            |
| RW-1     | 10/29/2015    | 6946.06                             | 6918.41                             | 6915.96                           | 30.10               | 27.65                 | 2.45                   | 43.04            |
| RW-1     | 3/4/2016      | 6946.06                             | 6918.01                             | 6915.51                           | 30.55               | 28.05                 | 2.50                   | 43.04            |
| RW-1     | 6/8/2016      | 6946.06                             | 6918.08                             | 6914.26                           | 31.80               | 27.98                 | 3.82                   | 43.04            |
| RW-1     | 9/13/2016     | 6946.06                             | 6918.16                             | 6914.02                           | 32.04               | 27.90                 | 4.14                   | 43.04            |
| RW-1     | 11/16/2016    | 6946.06                             | 6918.26                             | 6915.16                           | 30.90               | 27.80                 | 3.10                   | 43.04            |
| RW-1     | 3/16/2017     | 6946.06                             | 6919.01                             | 6915.51                           | 30.55               | 27.05                 | 3.50                   | 43.04            |
| RW-1     | 6/20/2017     | 6946.06                             | 6919.29                             | 6917.64                           | 28.42               | 26.77                 | 1.65                   | 43.04            |
| RW-1     | 9/19/2017     | 6946.06                             | 6919.54                             | 6918.46                           | 27.60               | 26.52                 | 1.08                   | 43.04            |
| RW-1     | 12/12/2017    | 6946.06                             | 6919.56                             | 6918.56                           | 27.50               | 26.50                 | 1.00                   | 43.04            |
| RW-1     | 2/13/2018     | 6946.06                             | 6919.12                             | 6918.84                           | 27.22               | 26.94                 | 0.28                   | 43.04            |
| RW-1     | 4/25/2018     | 6946.06                             | 6919.12                             | 6918.85                           | 27.21               | 26.94                 | 0.27                   | 43.35            |
| RW-1     | 8/16/2018     | 6946.06                             | 6918.62                             | 6918.36                           | 27.70               | 27.44                 | 0.26                   | 43.45            |
| RW-1     | 11/7/2018     | 6946.06                             | NA                                  | NA                                | NA                  | NA                    | NA                     | 43.45            |
| RW-1     | 3/28/2019     | 6946.06                             | NA                                  | NA                                | NA                  | NA                    | NA                     | 43.45            |
| RW-1     | 5/8/2019      | 6946.06                             | NA                                  | NA                                | NA                  | NA                    | NA                     | 43.45            |
| RW-1     | 8/16/2019     | 6946.06                             | NA                                  | NA                                | NA                  | NA                    | NA                     | 43.45            |
| RW-1     | 11/1/2019     | 6946.06                             | NA                                  | NA                                | NA                  | NA                    | NA                     | 43.45            |
| RW-1     | 9/19/2020     | 6946.06                             | 6917.99                             | 6915.86                           | 30.20               | 28.07                 | 2.13                   | 43.45            |

**APPENDIX A. FLUID LEVEL MEASUREMENTS**  
**MARATHON PETROLEUM COMPANY**  
**GALLUP REFINING DIVISION, GALLUP, NEW MEXICO**

| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| RW-1     | 11/10/2020    | 6946.06                             | 6916.56                             | 6915.73                           | 30.33               | 29.50                 | 0.83                   | 43.45            |
| RW-1     | 12/8/2020     | 6946.06                             | 6916.56                             | 6915.73                           | 30.33               | 29.50                 | 0.83                   | 43.45            |
| RW-2     | 3/17/2014     | 6928.53                             | NA                                  | 6903.94                           | 24.59               | ND                    | NA                     | 39.80            |
| RW-2     | 6/9/2014      | 6928.53                             | NA                                  | 6904.74                           | 23.79               | ND                    | NA                     | 39.80            |
| RW-2     | 9/18/2014     | 6928.53                             | NA                                  | 6904.58                           | 23.95               | ND                    | NA                     | 39.80            |
| RW-2     | 11/13/2014    | 6928.53                             | NA                                  | 6904.63                           | 23.90               | ND                    | NA                     | 39.80            |
| RW-2     | 3/23/2015     | 6928.53                             | NA                                  | 6905.01                           | 23.52               | ND                    | NA                     | 39.80            |
| RW-2     | 6/9/2015      | 6928.53                             | NA                                  | 6905.51                           | 23.02               | ND                    | NA                     | 39.80            |
| RW-2     | 8/23/2015     | 6928.53                             | NA                                  | 6905.16                           | 23.37               | ND                    | NA                     | 39.80            |
| RW-2     | 10/29/2015    | 6928.53                             | NA                                  | 6905.73                           | 22.80               | ND                    | NA                     | 39.80            |
| RW-2     | 3/4/2016      | 6928.53                             | NA                                  | 6906.08                           | 22.45               | ND                    | NA                     | 39.80            |
| RW-2     | 6/8/2016      | 6928.53                             | NA                                  | 6906.22                           | 22.31               | ND                    | NA                     | 39.80            |
| RW-2     | 9/13/2016     | 6928.53                             | NA                                  | 6906.06                           | 22.47               | ND                    | NA                     | 39.80            |
| RW-2     | 11/16/2016    | 6928.53                             | NA                                  | 6906.31                           | 22.22               | ND                    | NA                     | 39.80            |
| RW-2     | 3/16/2017     | 6928.53                             | NA                                  | 6906.88                           | 21.65               | ND                    | NA                     | 39.80            |
| RW-2     | 6/20/2017     | 6928.53                             | NA                                  | 6907.34                           | 21.19               | ND                    | NA                     | 39.80            |
| RW-2     | 9/19/2017     | 6928.53                             | NA                                  | 6907.82                           | 20.71               | ND                    | NA                     | 39.80            |
| RW-2     | 12/5/2017     | 6928.53                             | NA                                  | 6908.19                           | 20.34               | ND                    | NA                     | 40.00            |
| RW-2     | 2/19/2018     | 6928.53                             | NA                                  | 6908.53                           | 20.00               | ND                    | NA                     | 40.00            |
| RW-2     | 4/25/2018     | 6928.53                             | NA                                  | 6908.50                           | 20.03               | ND                    | NA                     | 39.99            |
| RW-2     | 8/16/2018     | 6928.53                             | NA                                  | 6908.43                           | 20.10               | ND                    | NA                     | 40.00            |
| RW-2     | 11/7/2018     | 6928.53                             | NA                                  | NA                                | NA                  | NA                    | NA                     | 40.00            |
| RW-2     | 3/28/2019     | 6928.53                             | NA                                  | NA                                | NA                  | NA                    | NA                     | 40.00            |
| RW-2     | 5/8/2019      | 6928.53                             | NA                                  | NA                                | NA                  | NA                    | NA                     | 40.00            |
| RW-2     | 8/16/2019     | 6928.53                             | NA                                  | NA                                | NA                  | NA                    | NA                     | 40.00            |
| RW-2     | 11/1/2019     | 6928.53                             | NA                                  | NA                                | NA                  | NA                    | NA                     | 40.00            |
| RW-2     | 9/19/2020     | 6928.53                             | 6906.43                             | 6906.30                           | 22.23               | 22.10                 | 0.13                   | 40.00            |
| RW-2     | 11/9/2020     | 6928.53                             | 6906.44                             | 6906.25                           | 22.28               | 22.09                 | 0.19                   | 40.00            |
| RW-2     | 12/8/2020     | 6928.53                             | 6906.33                             | 6906.15                           | 22.38               | 22.20                 | 0.18                   | 40.00            |
| RW-5     | 3/14/2014     | 6943.57                             | NA                                  | 6915.65                           | 27.92               | ND                    | NA                     | 39.59            |
| RW-5     | 6/9/2014      | 6943.57                             | NA                                  | 6914.77                           | 28.80               | ND                    | NA                     | 39.59            |
| RW-5     | 9/18/2014     | 6943.57                             | NA                                  | 6914.76                           | 28.81               | ND                    | NA                     | 39.59            |
| RW-5     | 11/13/2014    | 6943.57                             | NA                                  | 6914.87                           | 28.70               | ND                    | NA                     | 39.59            |
| RW-5     | 3/23/2015     | 6943.57                             | NA                                  | 6914.47                           | 29.10               | ND                    | NA                     | 39.59            |
| RW-5     | 6/9/2015      | 6943.57                             | NA                                  | 6914.77                           | 28.80               | ND                    | NA                     | 39.59            |
| RW-5     | 8/23/2015     | 6943.57                             | NA                                  | 6914.49                           | 29.08               | ND                    | NA                     | 39.59            |
| RW-5     | 10/29/2015    | 6943.57                             | NA                                  | 6915.60                           | 27.97               | ND                    | NA                     | 39.59            |
| RW-5     | 3/4/2016      | 6943.57                             | NA                                  | 6915.35                           | 28.22               | ND                    | NA                     | 39.59            |
| RW-5     | 6/7/2016      | 6943.57                             | NA                                  | 6915.35                           | 28.22               | ND                    | NA                     | 39.59            |
| RW-5     | 9/13/2016     | 6943.57                             | NA                                  | 6915.87                           | 27.70               | ND                    | NA                     | 39.59            |

**APPENDIX A. FLUID LEVEL MEASUREMENTS**  
**MARATHON PETROLEUM COMPANY**  
**GALLUP REFINING DIVISION, GALLUP, NEW MEXICO**

| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| RW-5     | 11/16/2016    | 6943.57                             | NA                                  | 6916.17                           | 27.40               | ND                    | NA                     | 39.59            |
| RW-5     | 3/16/2017     | 6943.57                             | NA                                  | 6916.04                           | 27.53               | ND                    | NA                     | 39.59            |
| RW-5     | 6/20/2017     | 6943.57                             | 6918.27                             | 6910.27                           | 33.30               | 25.30                 | 8.00                   | 39.59            |
| RW-5     | 9/19/2017     | 6943.57                             | 6918.11                             | 6911.92                           | 31.65               | 25.46                 | 6.19                   | 39.59            |
| RW-5     | 12/12/2017    | 6943.57                             | 6918.82                             | 6909.57                           | 34.00               | 24.75                 | 9.25                   | 39.59            |
| RW-5     | 2/9/2018      | 6943.57                             | 6918.07                             | 6909.97                           | 33.60               | 25.50                 | 8.10                   | 39.59            |
| RW-5     | 4/25/2018     | 6943.57                             | 6916.95                             | 6911.23                           | 32.34               | 26.62                 | 5.72                   | 39.59            |
| RW-5     | 8/16/2018     | 6943.57                             | 6916.37                             | 6910.99                           | 32.58               | 27.20                 | 5.38                   | 39.51            |
| RW-5     | 11/7/2018     | 6943.57                             | NA                                  | NA                                | NA                  | NA                    | NA                     | 39.51            |
| RW-5     | 3/28/2019     | 6943.57                             | NA                                  | NA                                | NA                  | NA                    | NA                     | 39.51            |
| RW-5     | 5/8/2019      | 6943.57                             | NA                                  | NA                                | NA                  | NA                    | NA                     | 39.51            |
| RW-5     | 8/16/2019     | 6943.57                             | NA                                  | NA                                | NA                  | NA                    | NA                     | 39.51            |
| RW-5     | 11/1/2019     | 6943.57                             | NA                                  | NA                                | NA                  | NA                    | NA                     | 39.51            |
| RW-5     | 9/19/2020     | 6943.57                             | 6913.98                             | 6910.76                           | 32.81               | 29.59                 | 3.22                   | 39.51            |
| RW-5     | 11/9/2020     | 6943.57                             | 6913.71                             | 6910.54                           | 33.03               | 29.86                 | 3.17                   | 39.51            |
| RW-5     | 12/8/2020     | 6943.57                             | 6910.42                             | 6904.06                           | 39.51               | 33.15                 | 6.36                   | 39.51            |
| RW-6     | 3/17/2014     | 6944.01                             | NA                                  | 6915.97                           | 28.04               | ND                    | NA                     | 40.90            |
| RW-6     | 6/23/2014     | 6944.01                             | NA                                  | 6915.16                           | 28.85               | ND                    | NA                     | 40.90            |
| RW-6     | 9/18/2014     | 6944.01                             | NA                                  | 6915.12                           | 28.89               | ND                    | NA                     | 40.90            |
| RW-6     | 11/13/2014    | 6944.01                             | NA                                  | 6915.18                           | 28.83               | ND                    | NA                     | 40.90            |
| RW-6     | 3/23/2015     | 6944.01                             | NA                                  | 6914.83                           | 29.18               | ND                    | NA                     | 40.90            |
| RW-6     | 6/9/2015      | 6944.01                             | NA                                  | 6915.33                           | 28.68               | ND                    | NA                     | 40.90            |
| RW-6     | 8/23/2015     | 6944.01                             | NA                                  | 6914.95                           | 29.06               | ND                    | NA                     | 40.90            |
| RW-6     | 10/29/2015    | 6944.01                             | NA                                  | 6916.04                           | 27.97               | ND                    | NA                     | 40.90            |
| RW-6     | 3/4/2016      | 6944.01                             | NA                                  | 6915.76                           | 28.25               | ND                    | NA                     | 40.90            |
| RW-6     | 6/7/2016      | 6944.01                             | NA                                  | 6915.77                           | 28.24               | ND                    | NA                     | 40.90            |
| RW-6     | 9/13/2016     | 6944.01                             | NA                                  | 6916.02                           | 27.99               | ND                    | NA                     | 40.90            |
| RW-6     | 11/16/2016    | 6944.01                             | NA                                  | 6916.29                           | 27.72               | ND                    | NA                     | 40.90            |
| RW-6     | 3/16/2017     | 6944.01                             | NA                                  | 6916.44                           | 27.57               | ND                    | NA                     | 40.90            |
| RW-6     | 6/20/2017     | 6944.01                             | 6918.51                             | 6910.39                           | 33.62               | 25.50                 | 8.12                   | 40.90            |
| RW-6     | 9/19/2017     | 6944.01                             | 6918.12                             | 6913.04                           | 30.97               | 25.89                 | 5.08                   | 40.90            |
| RW-6     | 12/12/2017    | 6944.01                             | 6919.18                             | 6910.16                           | 33.85               | 24.83                 | 9.02                   | 40.90            |
| RW-6     | 2/9/2018      | 6944.01                             | 6918.36                             | 6910.96                           | 33.05               | 25.65                 | 7.40                   | 40.90            |
| RW-6     | 4/25/2018     | 6944.01                             | 6917.08                             | 6912.32                           | 31.69               | 26.93                 | 4.76                   | 40.83            |
| RW-6     | 8/16/2018     | 6944.01                             | 6916.58                             | 6912.23                           | 31.78               | 27.43                 | 4.35                   | 40.85            |
| RW-6     | 11/7/2018     | 6944.01                             | NA                                  | NA                                | NA                  | NA                    | NA                     | 40.85            |
| RW-6     | 3/28/2019     | 6944.01                             | NA                                  | NA                                | NA                  | NA                    | NA                     | 40.85            |
| RW-6     | 5/8/2019      | 6944.01                             | NA                                  | NA                                | NA                  | NA                    | NA                     | 40.85            |
| RW-6     | 8/16/2019     | 6944.01                             | NA                                  | NA                                | NA                  | NA                    | NA                     | 40.85            |
| RW-6     | 9/19/2020     | 6944.01                             | 6914.29                             | 6911.37                           | 32.64               | 29.72                 | 2.92                   | 40.85            |

**APPENDIX A. FLUID LEVEL MEASUREMENTS**  
**MARATHON PETROLEUM COMPANY**  
**GALLUP REFINING DIVISION, GALLUP, NEW MEXICO**

| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| RW-6     | 11/9/2020     | 6944.01                             | 6914.03                             | 6910.96                           | 33.05               | 29.98                 | 3.07                   | 40.85            |
| RW-6     | 12/8/2020     | 6944.01                             | 6913.83                             | 6910.70                           | 33.31               | 30.18                 | 3.13                   | 40.85            |
| SMW-2    | 9/11/2014     | 6883.97                             | NA                                  | 6858.87                           | 25.10               | ND                    | NA                     | 52.80            |
| SMW-2    | 8/10/2015     | 6883.97                             | NA                                  | 6859.09                           | 24.88               | ND                    | NA                     | 52.80            |
| SMW-2    | 9/9/2016      | 6883.97                             | NA                                  | 6859.13                           | 24.84               | ND                    | NA                     | 52.80            |
| SMW-2    | 9/11/2017     | 6883.97                             | NA                                  | 6859.18                           | 24.79               | ND                    | NA                     | 52.80            |
| SMW-2    | 8/15/2018     | 6883.97                             | NA                                  | 6859.48                           | 24.49               | ND                    | NA                     | 52.80            |
| SMW-2    | 8/19/2019     | 6883.97                             | NA                                  | 6858.67                           | 25.30               | ND                    | NA                     | 52.80            |
| SMW-2    | 9/14/2020     | 6883.97                             | NA                                  | 6859.27                           | 24.70               | ND                    | NA                     | 53.11            |
| SMW-4    | 9/11/2014     | 6879.52                             | NA                                  | 6850.42                           | 29.10               | ND                    | NA                     | 69.68            |
| SMW-4    | 8/10/2015     | 6879.52                             | NA                                  | 6850.20                           | 29.32               | ND                    | NA                     | 69.68            |
| SMW-4    | 9/6/2016      | 6879.52                             | NA                                  | 6850.52                           | 29.00               | ND                    | NA                     | 69.68            |
| SMW-4    | 9/11/2017     | 6879.52                             | NA                                  | 6850.19                           | 29.33               | ND                    | NA                     | 69.68            |
| SMW-4    | 8/15/2018     | 6879.52                             | NA                                  | 6850.48                           | 29.04               | ND                    | NA                     | 69.68            |
| SMW-4    | 12/6/2018     | 6879.52                             | NA                                  | 6850.27                           | 29.25               | ND                    | NA                     | 69.68            |
| SMW-4    | 8/13/2019     | 6879.52                             | NA                                  | 6850.42                           | 29.10               | ND                    | NA                     | 69.68            |
| SMW-4    | 9/14/2020     | 6879.52                             | NA                                  | 6850.37                           | 29.15               | ND                    | NA                     | 62.90            |
| STP1-NW  | 3/10/2015     | 6904.47                             | NA                                  | 6883.73                           | 20.74               | ND                    | NA                     | 50.00            |
| STP1-NW  | 6/2/2015      | 6904.47                             | NA                                  | 6883.75                           | 20.72               | ND                    | NA                     | 50.00            |
| STP1-NW  | 8/11/2015     | 6904.47                             | NA                                  | 6883.68                           | 20.79               | ND                    | NA                     | 50.00            |
| STP1-NW  | 10/29/2015    | 6904.47                             | NA                                  | 6883.87                           | 20.60               | ND                    | NA                     | 50.00            |
| STP1-NW  | 3/1/2016      | 6904.47                             | NA                                  | 6883.92                           | 20.55               | ND                    | NA                     | 50.00            |
| STP1-NW  | 6/7/2016      | 6904.47                             | NA                                  | 6883.58                           | 20.89               | ND                    | NA                     | 50.00            |
| STP1-NW  | 9/9/2016      | 6904.47                             | NA                                  | 6883.27                           | 21.20               | ND                    | NA                     | 50.00            |
| STP1-NW  | 11/14/2016    | 6904.47                             | NA                                  | 6883.45                           | 21.02               | ND                    | NA                     | 50.00            |
| STP1-NW  | 2/21/2017     | 6904.47                             | NA                                  | 6884.00                           | 20.47               | ND                    | NA                     | 50.00            |
| STP1-NW  | 6/2/2017      | 6904.47                             | NA                                  | 6883.81                           | 20.66               | ND                    | NA                     | 50.00            |
| STP1-NW  | 9/5/2017      | 6904.47                             | NA                                  | 6883.66                           | 20.81               | ND                    | NA                     | 50.00            |
| STP1-NW  | 12/4/2017     | 6904.47                             | NA                                  | 6883.92                           | 20.55               | ND                    | NA                     | 49.74            |
| STP1-NW  | 2/9/2018      | 6904.47                             | NA                                  | 6883.92                           | 20.55               | ND                    | NA                     | 49.73            |
| STP1-NW  | 4/26/2018     | 6904.47                             | NA                                  | 6883.83                           | 20.64               | ND                    | NA                     | 49.65            |
| STP1-NW  | 8/15/2018     | 6904.47                             | NA                                  | 6883.55                           | 20.92               | ND                    | NA                     | 49.78            |
| STP1-NW  | 11/19/2018    | 6904.47                             | NA                                  | NA                                | NA                  | NA                    | NA                     | 49.78            |
| STP1-NW  | 2/13/2019     | 6904.47                             | NA                                  | 6884.12                           | 20.35               | ND                    | NA                     | 50.00            |
| STP1-NW  | 5/8/2019      | 6904.47                             | NA                                  | 6884.93                           | 19.54               | ND                    | NA                     | 50.00            |
| STP1-NW  | 8/21/2019     | 6904.47                             | NA                                  | 6883.68                           | 20.79               | ND                    | NA                     | 50.00            |
| STP1-NW  | 10/22/2019    | 6904.47                             | NA                                  | 6883.71                           | 20.76               | ND                    | NA                     | 50.00            |
| STP1-NW  | 12/8/2020     | 6904.47                             | NA                                  | 6883.69                           | 20.78               | ND                    | NA                     | 50.28            |
| STP1-SW  | 3/10/2015     | 6912.38                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 29.10            |
| STP1-SW  | 6/2/2015      | 6912.38                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 29.10            |

**APPENDIX A. FLUID LEVEL MEASUREMENTS**  
**MARATHON PETROLEUM COMPANY**  
**GALLUP REFINING DIVISION, GALLUP, NEW MEXICO**

| Location | Date Measured | Measuring Point Elevation (ft amsl) | Product Surface Elevation (ft amsl) | Water Surface Elevation (ft amsl) | Depth To Water (ft) | Depth To Product (ft) | Product Thickness (ft) | Total Depth (ft) |
|----------|---------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------|-----------------------|------------------------|------------------|
| STP1-SW  | 8/11/2015     | 6912.38                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 29.10            |
| STP1-SW  | 10/29/2015    | 6912.38                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 29.10            |
| STP1-SW  | 3/8/2016      | 6912.38                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 29.10            |
| STP1-SW  | 6/7/2016      | 6912.38                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 29.10            |
| STP1-SW  | 9/9/2016      | 6912.38                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 29.10            |
| STP1-SW  | 11/14/2016    | 6912.38                             | NA                                  | Dry                               | Dry                 | ND                    | NA                     | 29.10            |
| STP1-SW  | 2/21/2017     | 6912.38                             | NA                                  | NA                                | NA                  | NA                    | NA                     | 29.10            |
| STP1-SW  | 6/2/2017      | 6912.38                             | NA                                  | NA                                | NA                  | NA                    | NA                     | 29.10            |
| STP1-SW  | 9/5/2017      | 6912.38                             | NA                                  | NA                                | NA                  | NA                    | NA                     | 29.10            |
| STP1-SW  | 12/4/2017     | 6912.38                             | NA                                  | NA                                | NA                  | NA                    | NA                     | 29.10            |
| STP1-SW  | 2/9/2018      | 6912.38                             | NA                                  | NA                                | NA                  | NA                    | NA                     | 29.10            |
| STP1-SW  | 4/26/2018     | 6912.38                             | NA                                  | NA                                | NA                  | NA                    | NA                     | 29.10            |
| STP1-SW  | 8/15/2018     | 6912.38                             | NA                                  | NA                                | NA                  | NA                    | NA                     | 29.10            |
| STP1-SW  | 11/19/2018    | 6912.38                             | NA                                  | NA                                | NA                  | NA                    | NA                     | 29.10            |
| STP1-SW  | 2/13/2019     | 6912.38                             | NA                                  | NA                                | NA                  | NA                    | NA                     | 29.10            |
| STP1-SW  | 5/8/2019      | 6912.38                             | NA                                  | NA                                | NA                  | NA                    | NA                     | 29.10            |
| STP1-SW  | 8/21/2019     | 6912.38                             | NA                                  | NA                                | NA                  | NA                    | NA                     | 29.10            |
| STP1-SW  | 10/22/2019    | 6912.38                             | NA                                  | NA                                | NA                  | NA                    | NA                     | 29.10            |
| STP1-SW  | 12/8/2020     | 6912.38                             | NA                                  | 6883.15                           | 29.23               | NA                    | NA                     | 29.25            |

Notes:

amsl = above mean sea level

ft = feet

NA = Not applicable

ND = Not detected



Marketing Tank Farm Laser-Induced  
Fluorescence/Hydraulic Profiling Investigation Report Addendum

## Appendix B – LIF/HP Methods

**APPENDIX B. LIF/HP TECHNOLOGY**  
**LIF/HP INVESTIGATION REPORT**  
**GALLUP REFINERY, GALLUP, NEW MEXICO**

### **Laser-Induced Fluorescence**

Dakota Technologies, LLC, describes LIF technology as a direct optical sensing tool that uses laser light to cause certain polycyclic aromatic hydrocarbons (PAHs) found in petroleum derived SPH to fluoresce (Dakota 2021). The UVOST® is housed in a shock-protected optical compartment attached to the end of a DP probe string. Fiber optic cable, pre-strung in the probe rods, continuously transmits fluorescence data back to the rig-mounted computer, providing a real time log of fluorescence data points at sub-inch intervals. The Optical Screening Tool computer software transforms the fluorescence data into multi-wavelength waveforms that are specific to the types of PAHs present in a particular SPH mixture. LIF response intensity is influenced by the quantity of hydrocarbons present and the waveform pattern is a function of the relative proportions of the PAHs present. The LIF response is compared to that of a known reference standard and is presented as percent of the reference emitter (% RE). Direct-push drilling application of LIF provides vertical high-resolution data on SPH distribution in the subsurface. UVOST® signal responses correlate to free phase and residual SPH only. Vapor, sorbed, and dissolved hydrocarbon phases are invisible to the UVOST® system.

The UVOST® LIF log displays total signal logs consisting of four wavelength channels and can callout individual waveforms, a wavelength “fingerprint” display, to aid in identification and depth specific relative SPH quantities. The LIF data log displays depth on the vertical axis and fluorescence signal intensity on the horizontal axis. The signal intensity in % RE is based on a proprietary, calibrated reference emitter, which is a known fluorescence and not a specific petroleum hydrocarbon concentration. In general, the subsurface-SPH instrument responses depend on the SPH properties (e.g., quantity and type) and subsurface soil properties. However, the signal response is not directly correlated to whether a SPH is mobile or to a specific SPH recoverability. In this sense, a UVOST® log provides a semi-quantitative representation of the SPH saturation magnitude and reveals the SPH-impacted soil depth and breadth (Dakota 2021).

### **Hydraulic Profiling Tool**

For this investigation an HP tool was coupled with the LIF tool. The HP tool provides formation permeability data through water injection pressure measurement as the tool is advanced into the subsurface (Geoprobe 2013). The LIF/HP probe is advanced into unconsolidated soils to assess centimeter-scale subsurface permeability. As the probe is pushed through the soil, water is injected into the soil column at a controlled rate. Total injection pressure is measured by a transducer while the injection flow rate is measured (McCall 2011).

The HP tool measures downhole hydraulic pressure (P Dwn), in pounds per square inch (psi), in response to the constant pumping rate of water into the saturated formation. Flow rate (Q) in milliliters per minute (mL/min) is the rate at which water is pumped out of the HP tool probe port. Normally, water is pumped out at a constant Q of 60 mL/min. A change in Q (usually accompanied by an inverse change in P Dwn) is an indicator of soil hydraulic properties. An estimated hydraulic conductivity (K) in feet per day (ft/d) can be internally calculated utilizing pressure and flow data in conjunction with location specific dissipation test(s). If a dissipation test is performed below the water table and the test successfully stabilizes, the result can be corrected to an absolute hydrostatic value, from which a potentiometric surface (water table) can be calculated.

**APPENDIX B. LIF/HP TECHNOLOGY  
LIF/HP INVESTIGATION REPORT  
GALLUP REFINERY, GALLUP, NEW MEXICO**

The estimated K (ft/d) is calculated using the equation:

$$K = \ln(Q/P') * 20.0 + 7.0$$

where: P' = downhole pressure in psi – (0.433 (psi/ft) \* depth below water table (ft)) – atmospheric pressure (psi)

0.433 psi/ft = hydrostatic pressure gradient  
Q = flow rate (mL/min).

Vadose zone K values are reported as estimates of the varying dry soil permeability. These values maintain qualitative value and may lend insight into vadose zone preferential pathways (Dakota 2021).

### **Electrical Conductivity Tool**

For this investigation an EC tool was coupled with the LIF tool. The EC tool provides formation conductivity data. The electrical conductivity of unconsolidated materials is a function of the moisture content of the material and the conducting properties of the pore fluids and sediments. In the saturated zone, where variations in moisture content are small, fluid and matrix properties are the major factors. In formations where variations in ground water chemistry are small, differences in sediment size and type are the dominant control on electrical conductivity (Schulmeister, et al. 2003).

The electrical conductivity associated with sedimentary materials varies with particle size and mineral species. Silt-and sand-sized particles of covalently bonded minerals, such as quartz, mica, and feldspar, are generally nonconductive.

For this reason, electrical conductivity in sand and gravel aquifers primarily reflects variations in concentrations of dissolved constituents. Clay-sized particles, such as phyllosilicates, humic substances, and iron and manganese oxides and oxyhydroxides, tend to be highly conductive due to their extremely small size, relatively high surface area per unit volume, and charge characteristics. Thus, in formations where clay-sized particles are present, both lateral and vertical variations in lithology may be assessed using EC logs (Schulmeister, et al. 2003).

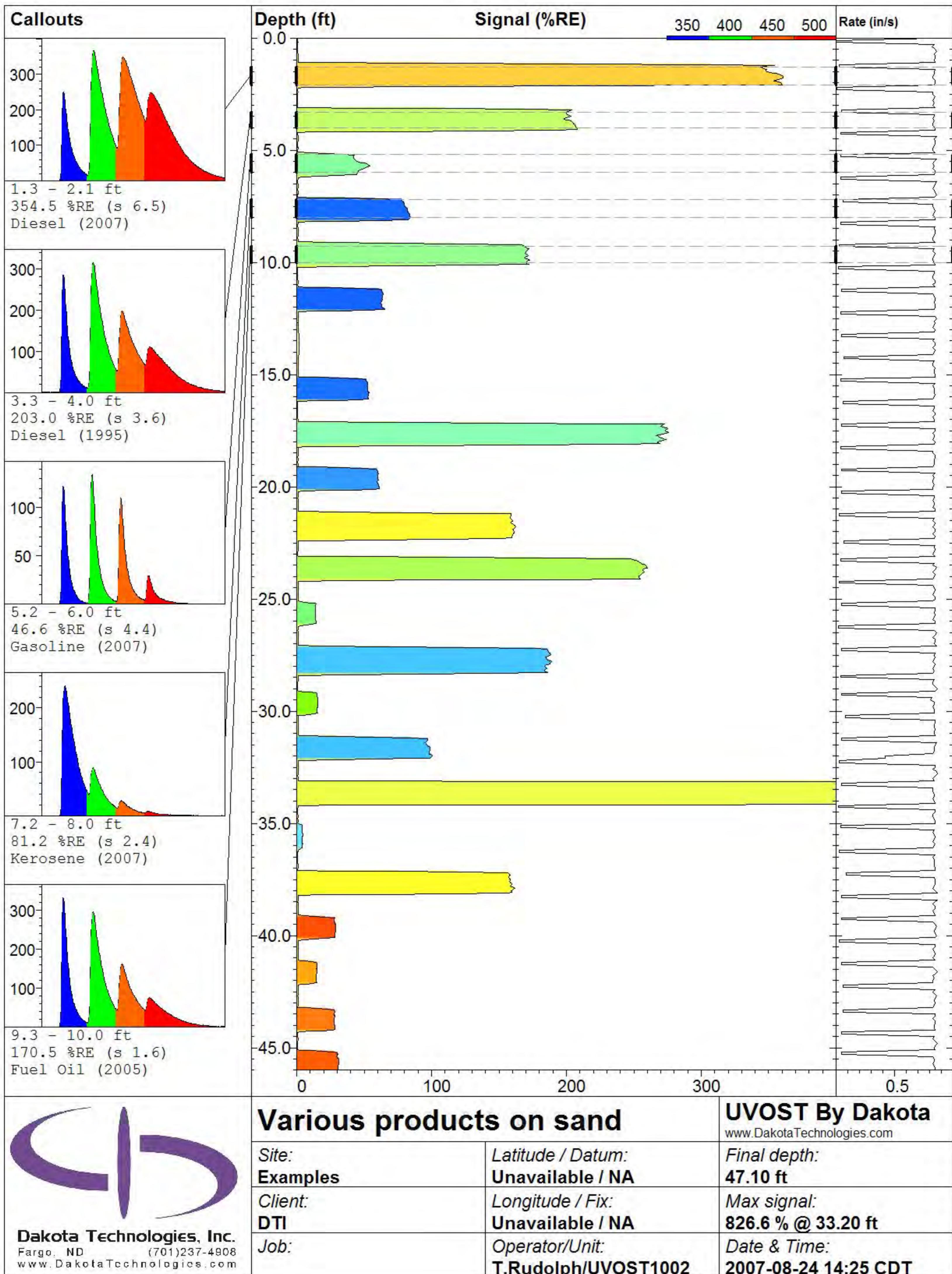
### **References**

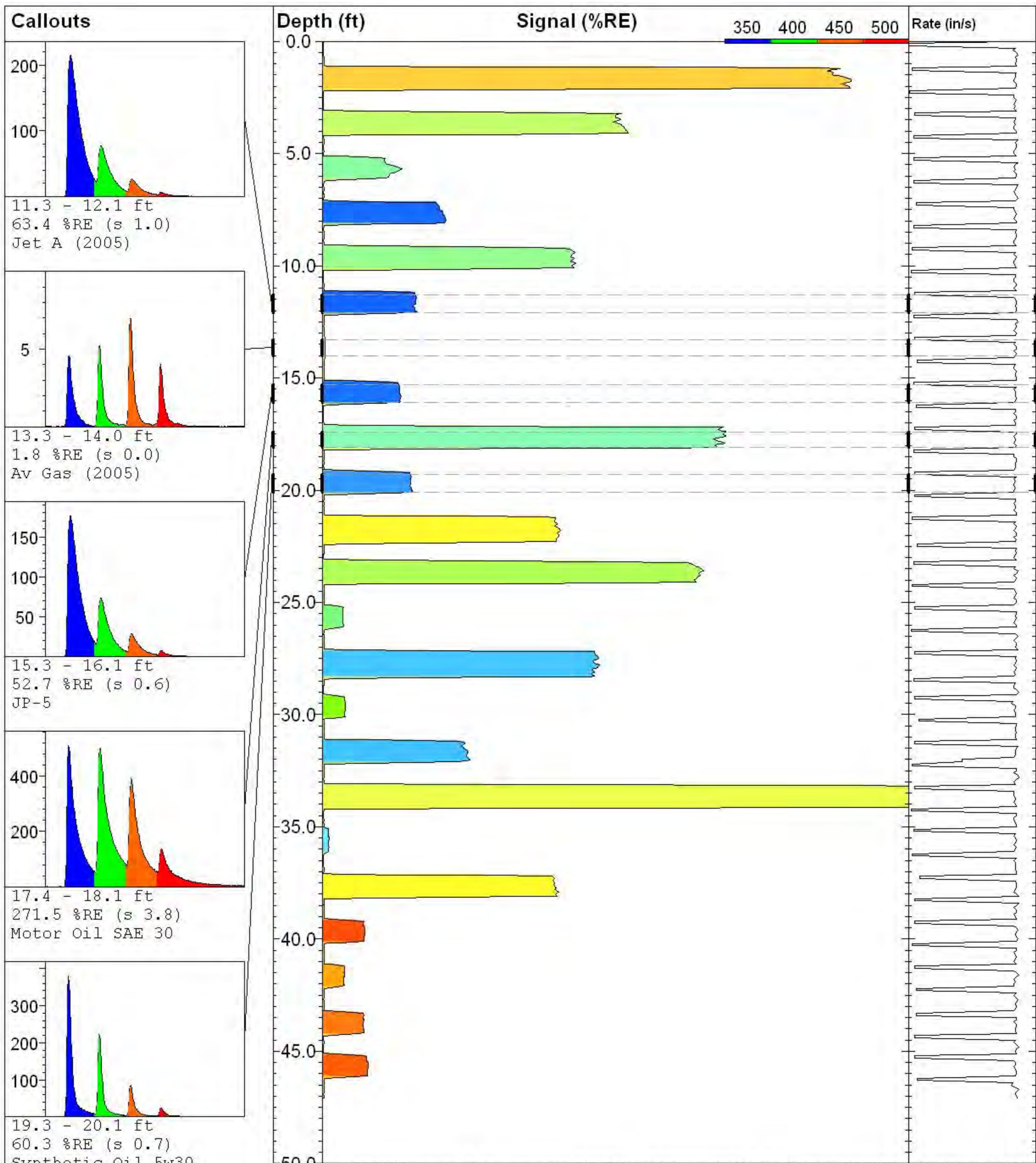
Dakota Technologies Company, LLC (Dakota). 2021. High Resolution Site Characterization Report – UVOST®-HP Investigation, Marathon Marketing Tank Farm, Gallup, NM. Project Number: 0049.21. February 10.

Geoprobe Systems (Geoprobe). 2013. Hydraulic Profiling Tool (HPT). Accessed from:  
[https://geoprobe.com/sites/default/files/storage/pdfs/ps\\_2013\\_di\\_hpt\\_0\\_0.pdf](https://geoprobe.com/sites/default/files/storage/pdfs/ps_2013_di_hpt_0_0.pdf).

McCall, W. 2011. Application of the Geoprobe® HPT Logging System for Geo-Environmental Investigations. Geoprobe® Technical Bulletin No. MK3184. February.

Schulmeister, M. K., Butler Jr., J. J., Healey, J. M., Zheng, L., Wysocki, D. A., and McCall, G. W. 2003. Direct-Push Electrical Conductivity Logging for High-Resolution Hydrostratigraphic Characterization. Ground Water Monitoring and Remediation. V. 23, No. 3, p 52-62.

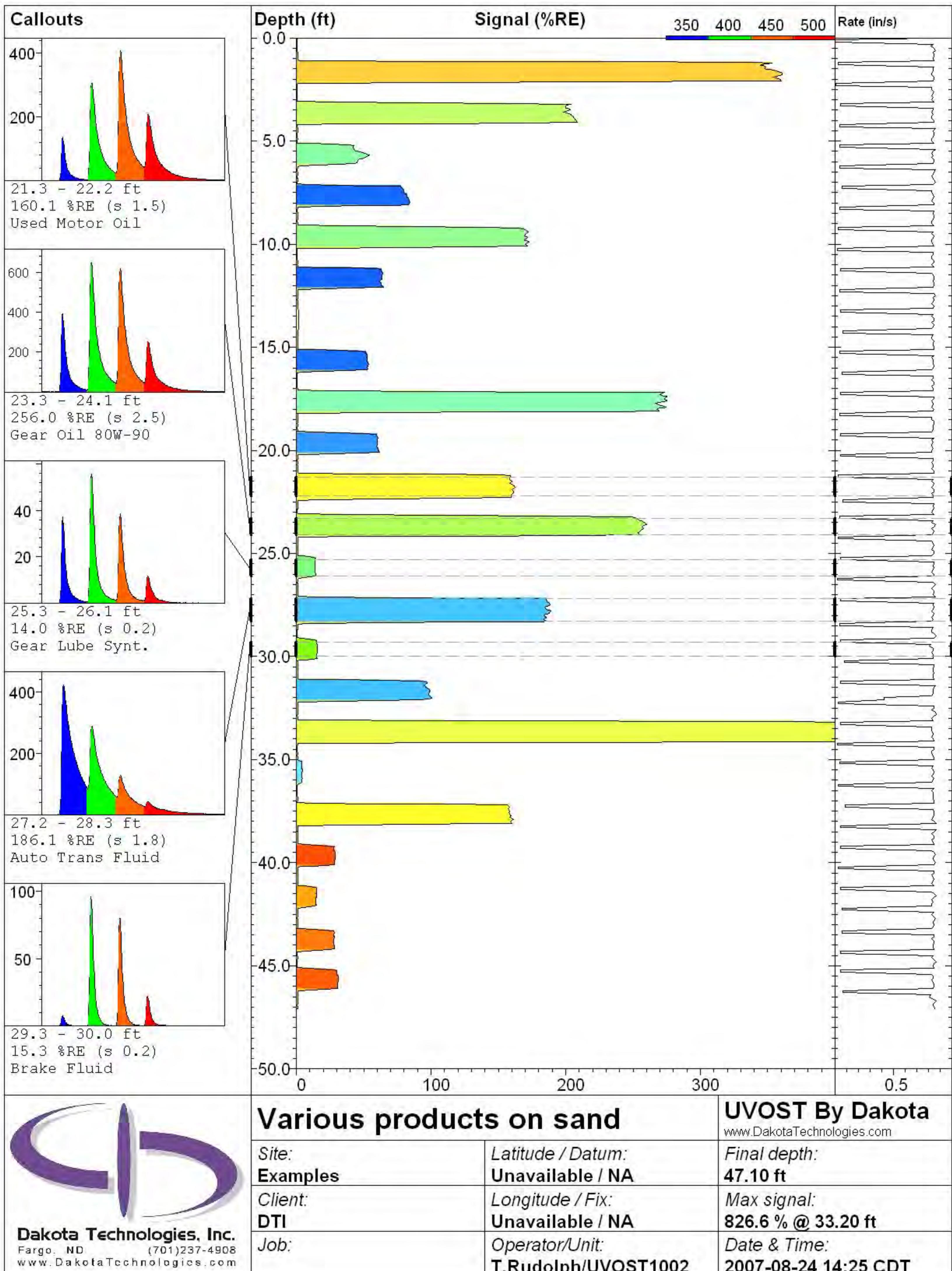


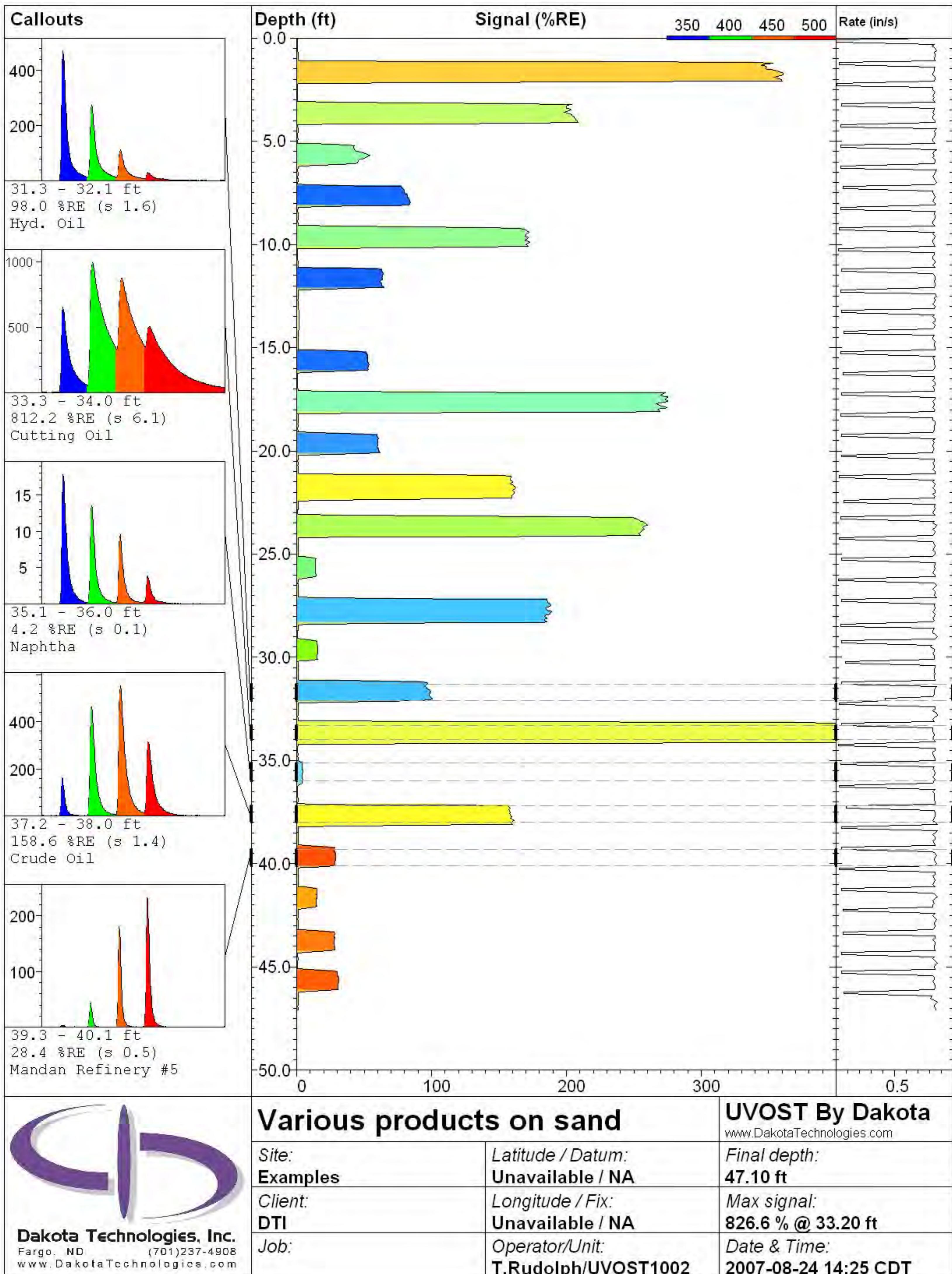


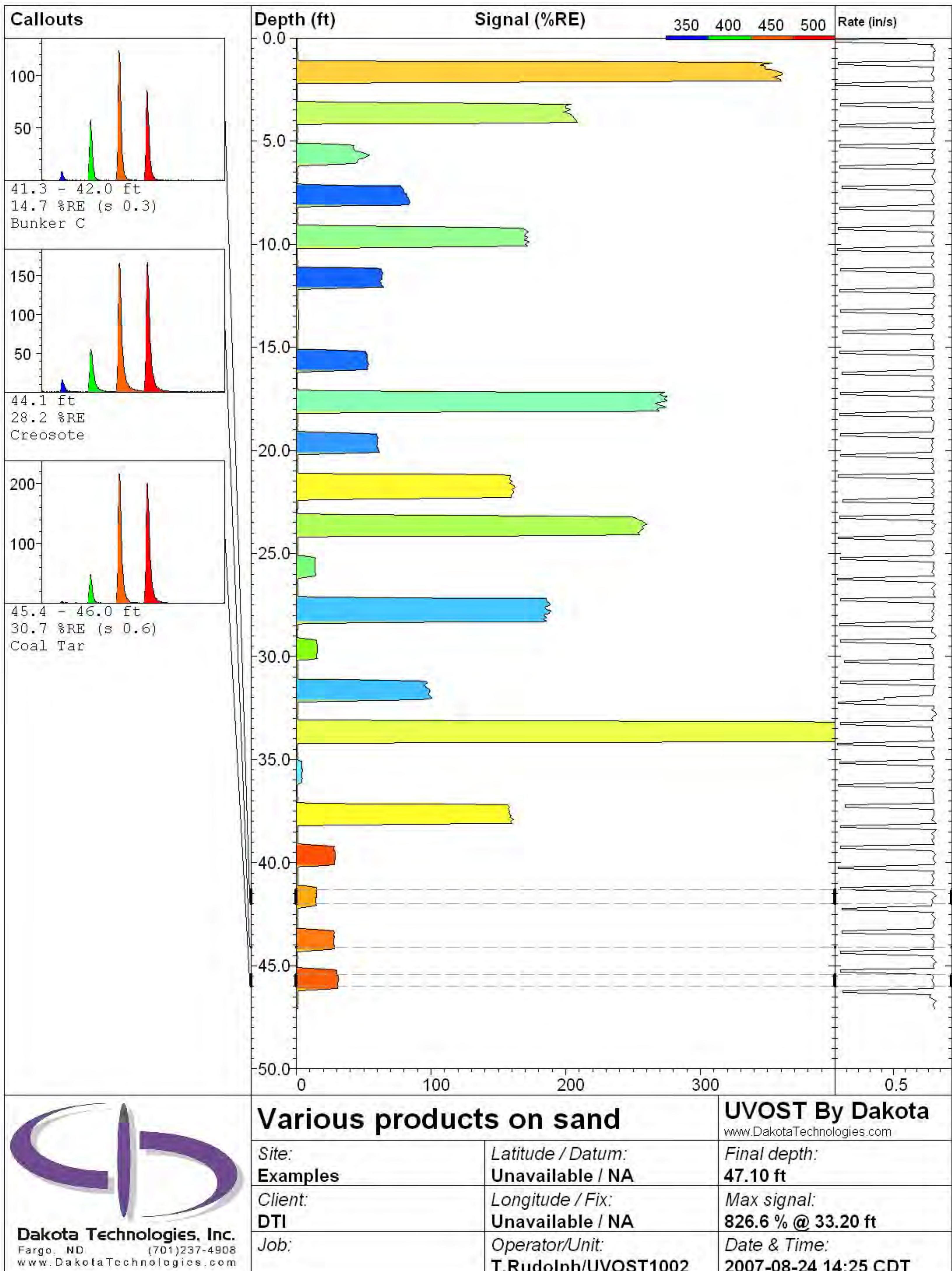
### Various products on sand

**UVOST By Dakota**  
www.DakotaTechnologies.com

|                          |  |   |
|--------------------------|--|---|
| Site:<br><b>Examples</b> | Latitude / Datum:<br><b>Unavailable / NA</b> | Final depth:<br><b>47.10 ft</b>             |
| Client:<br><b>DTI</b>    | Longitude / Fix:<br><b>Unavailable / NA</b>  | Max signal:<br><b>826.6 % @ 33.20 ft</b>    |
| Job:                     | Operator/Unit:<br><b>T.Rudolph/UVOST1002</b> | Date & Time:<br><b>2007-08-24 14:25 CDT</b> |









# Dakota Technologies UVOST®-HP Reference Log

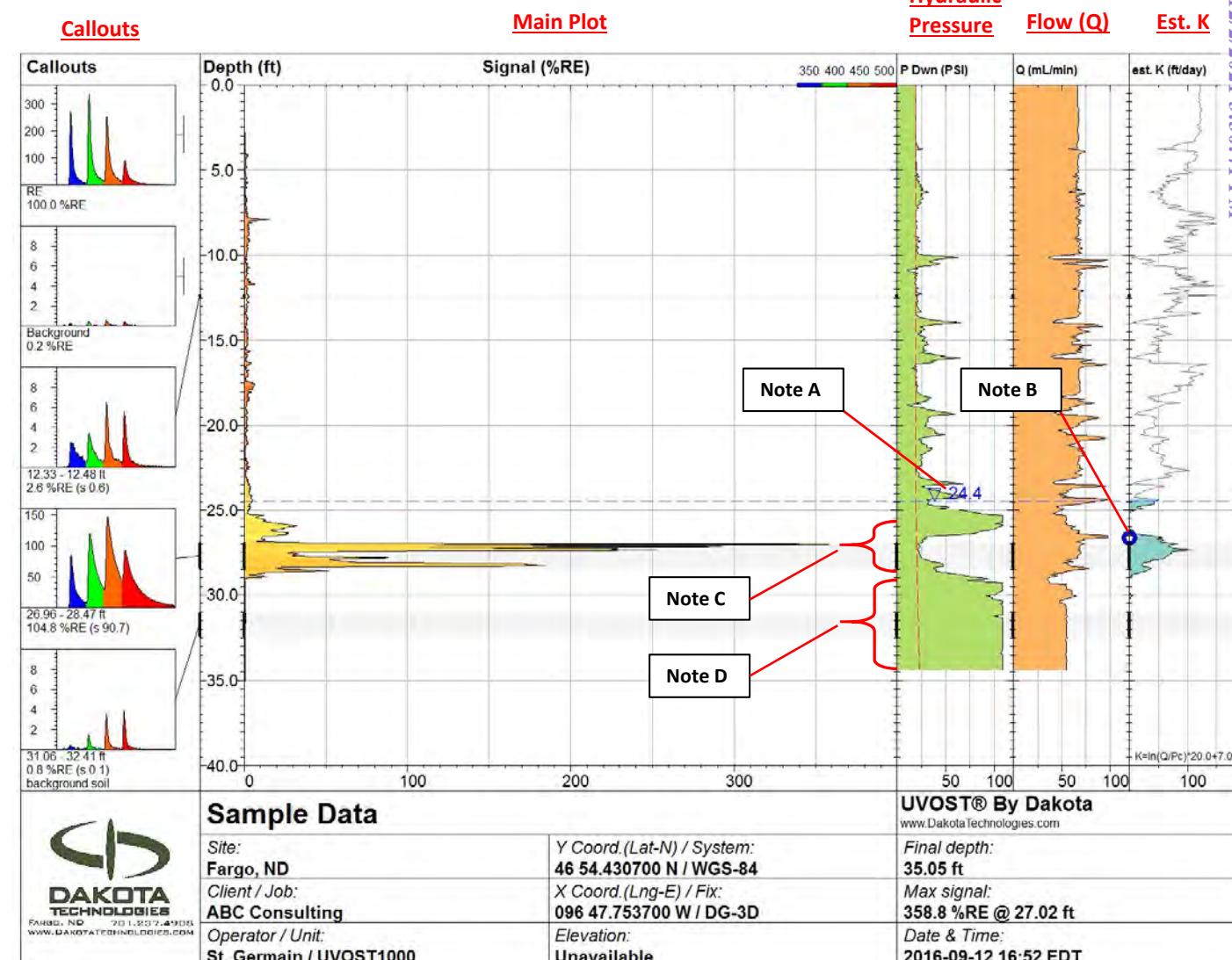
**Callouts:** Waveforms from selected depths or depth ranges showing the multi-wavelength waveform for that depth. The four peaks are due to fluorescence at four wavelengths and referred to as "channels". Each channel is assigned a color. Various NAPLs will have a unique waveform "fingerprint" due to the relative amplitude of the four channels and/or broadening of one or more channels. Basic waveform statistics and any operator notes are given below the callout.

**Main Plot:** Signal (total fluorescence) versus depth where signal is relative to the Reference Emitter (RE). The total area of the waveform is divided by the total area of the Reference Emitter yielding the %RE. This %RE scales with the NAPL fluorescence. The fill color is based on the relative distribution of each channel's area to the total waveform area (see callout waveform). The channel-to-color relationship and corresponding wavelengths are given in the upper right corner of the plot.

**Hydraulic Pressure (P Dwn):** Downhole hydraulic pressure is measured in response to pumping water into the formation at a constant rate. Measurements are logged simultaneously with UVOST data. The resulting log gives insight into the permeability of the soils.

**Flow (Q):** Water is pumped out of the port of the UVOST-HP probe at a constant rate of 60 mL/min. A change in flow (usually accompanied by an inverse pressure change) is an indicator of hydraulic properties of the soil.

**Estimated K:** The estimated hydraulic conductivity (K) is internally calculated by utilizing pressure and flow data in conjunction with dissipation test(s) performed at each location. The estimated K is calculated by the equation:  $K = \ln(Q/P') * 20.0 + 7.0$ .



**Note A:** The water table has been calculated and plotted at 24.4' bgs.

**Note B:** The circle on the Estimated K plot represents the location(s) of dissipation tests. Here, a single dissipation test was performed at 26.67 bgs'.

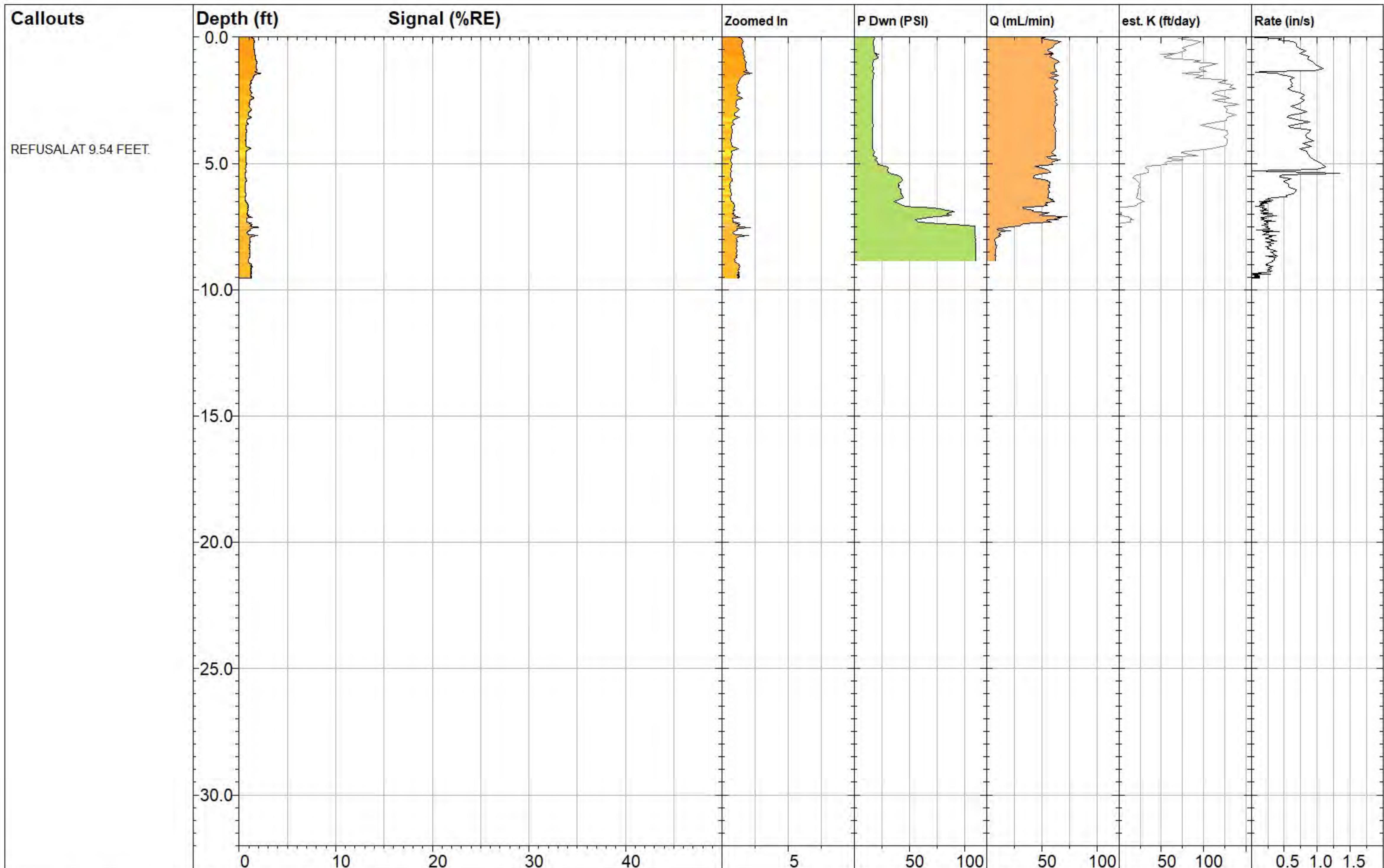
**Note C:** The highest LNAPL response in this log is present in an area of relatively higher permeability, as indicated by low pressure and higher estimated k values at approximately 26' to 28'.

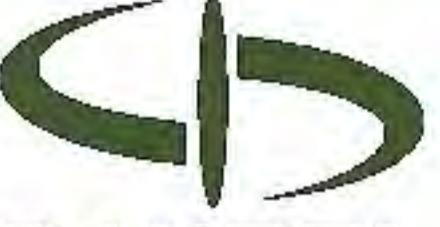
**Note D:** The increase in pressure starting near 29' (transducer is maxed out, 100 psi) is due to low permeability conditions. In this example, the increase in pressure below the LNAPL represents a potential confining unit.

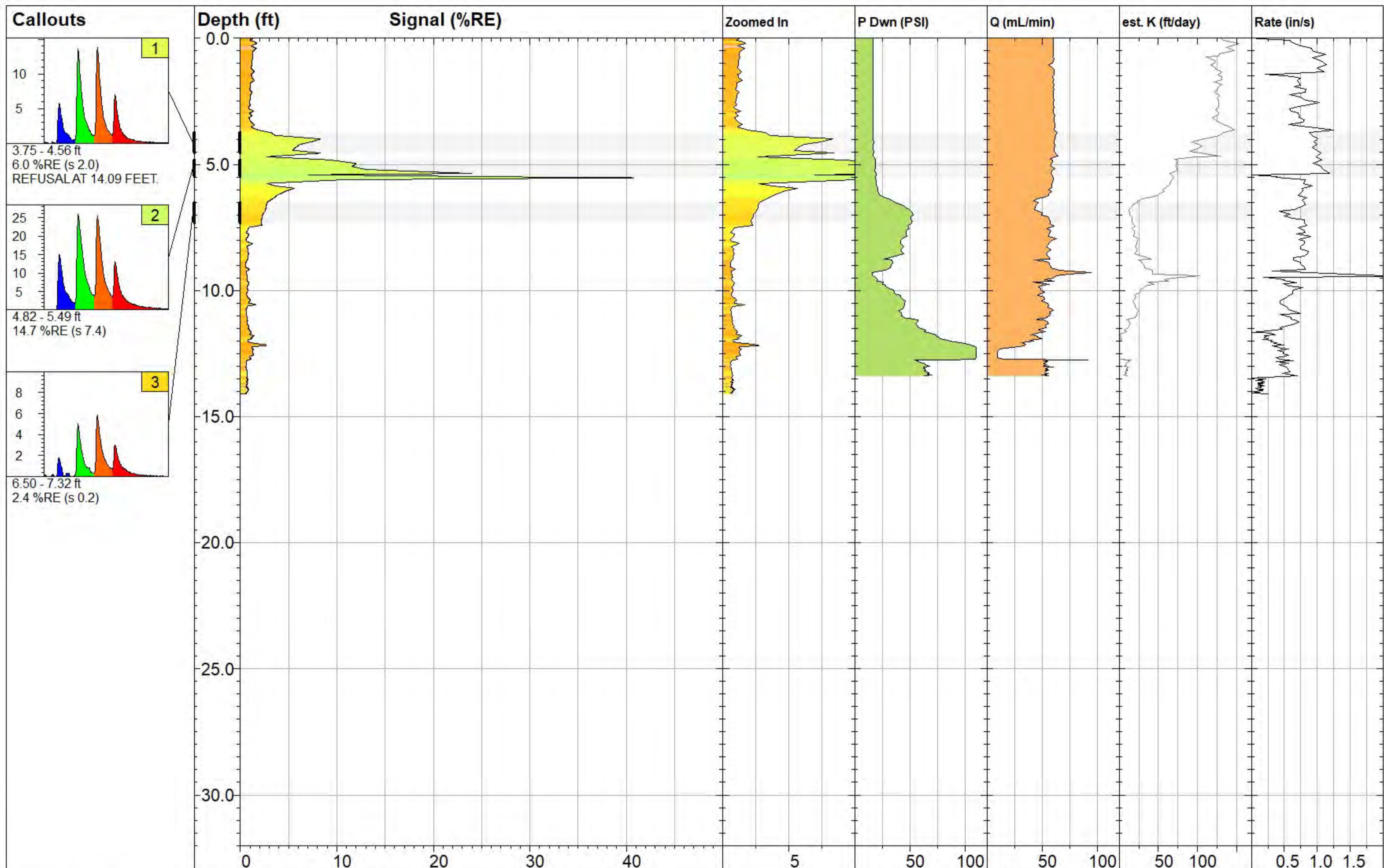


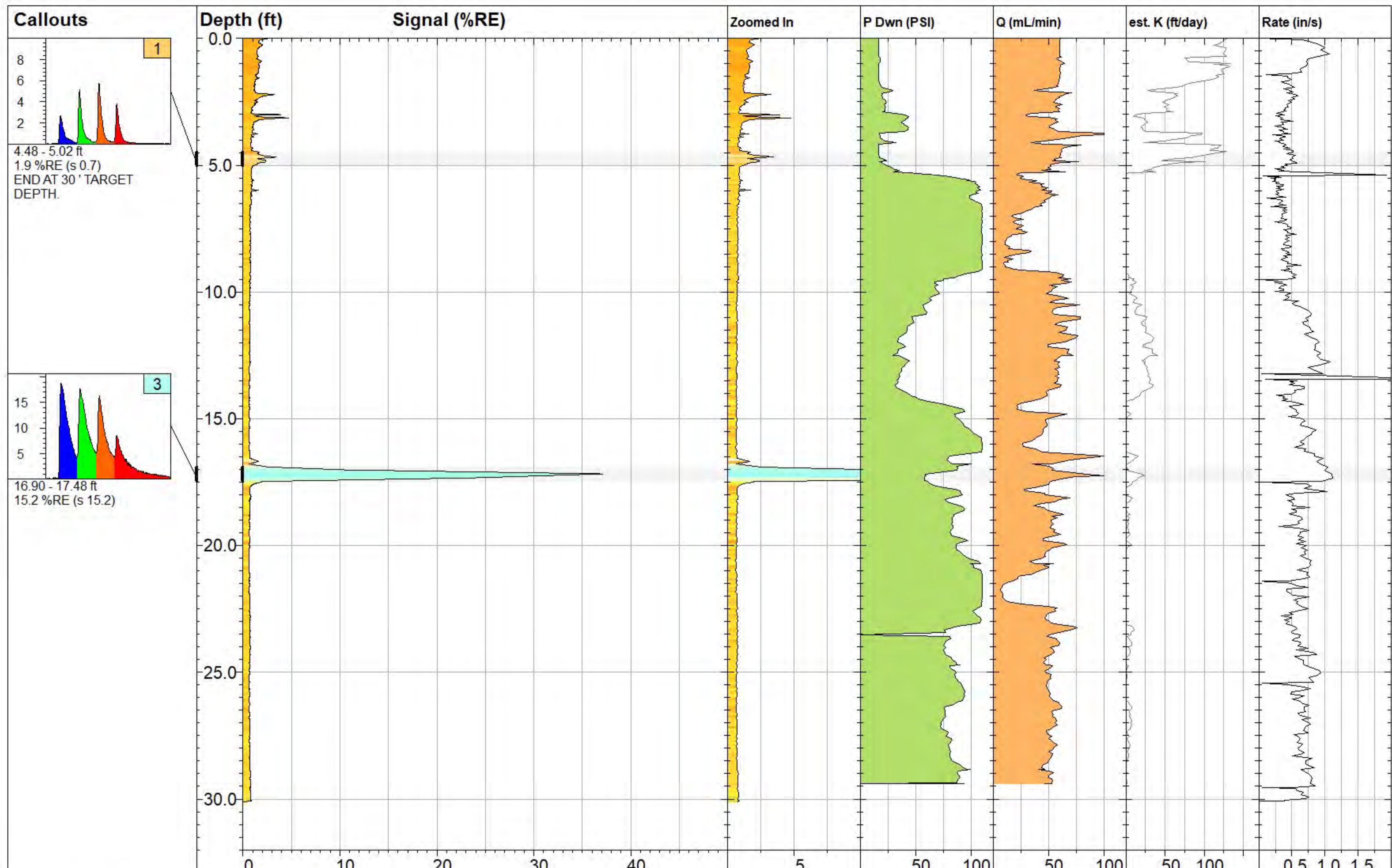
Marketing Tank Farm Laser-Induced  
Fluorescence/Hydraulic Profiling Investigation Report Addendum

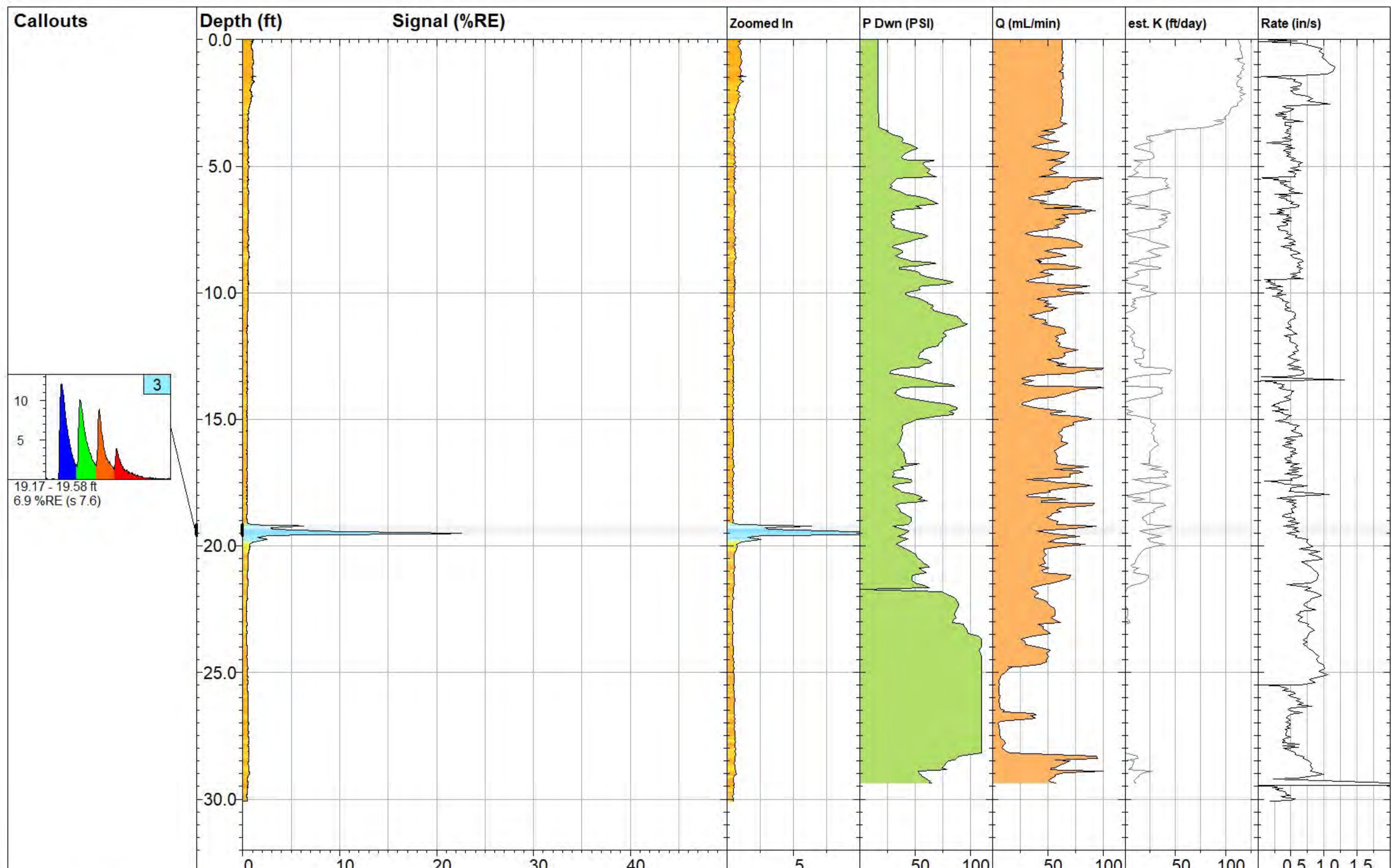
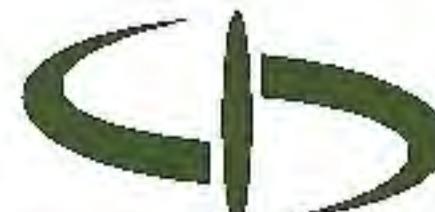
## Appendix C – LIF/HP Logs



|   |   |  |   |
|---|---|--|---|
| <br><b>DAKOTA</b><br><b>TECHNOLOGIES</b><br><a href="http://www.DAKOTATECHNOLOGIES.COM">www.DAKOTATECHNOLOGIES.COM</a> | <b>MKTF-LIF-124</b>                         |  |   |
|   | Site:<br><b>Marathon Gallup Refinery</b>    | Y Coord.(Lat/North):<br><b>Unavailable</b> | Final Depth:<br><b>9.54 ft</b>              |
|   | Client / Job:<br><b>Trihydro / 0049B.21</b> | X Coord.(Long/East):<br><b>Unavailable</b> | Max Signal:<br><b>2.3 %RE @ 1.43 ft</b>     |
|   | Operator / Unit:<br><b>BG / UVOST1612</b>   | Elevation:<br><b>Unavailable</b>           | Date & Time:<br><b>2021-05-12 14:36 MDT</b> |

**MKTF-LIF-126****UVOST® By Dakota**  
[www.DakotaTechnologies.com](http://www.DakotaTechnologies.com)Site:  
Marathon Gallup RefineryY Coord.(Lat/North):  
UnavailableFinal Depth:  
14.09 ftClient / Job:  
Trihydro / 0049B.21X Coord.(Long/East):  
UnavailableMax Signal:  
41.6 %RE @ 5.53 ftOperator / Unit:  
BG / UVOST1612Elevation:  
UnavailableDate & Time:  
2021-05-12 14:04 MDT

**MKTF-LIF-131****UVOST® By Dakota**  
[www.DakotaTechnologies.com](http://www.DakotaTechnologies.com)Site:  
**Marathon Gallup Refinery**Y Coord.(Lat/North):  
**Unavailable**Final Depth:  
**30.10 ft**Client / Job:  
**Trihydro / 0049B.21**X Coord.(Long/East):  
**Unavailable**Max Signal:  
**37.2 %RE @ 17.18 ft**Operator / Unit:  
**BG / UVOST1612**Elevation:  
**Unavailable**Date & Time:  
**2021-05-13 12:54 MDT**

**MKTF-LIF-132**
**DAKOTA**  
**TECHNOLOGIES**  
[www.DakotaTechnologies.com](http://www.DakotaTechnologies.com)
**UVOST® By Dakota**  
[www.DakotaTechnologies.com](http://www.DakotaTechnologies.com)

Site:  
**Marathon Gallup Refinery**

Y Coord.(Lat/North):  
**Unavailable**

Final Depth:  
**30.07 ft**

Client / Job:  
**Trihydro / 0049B.21**

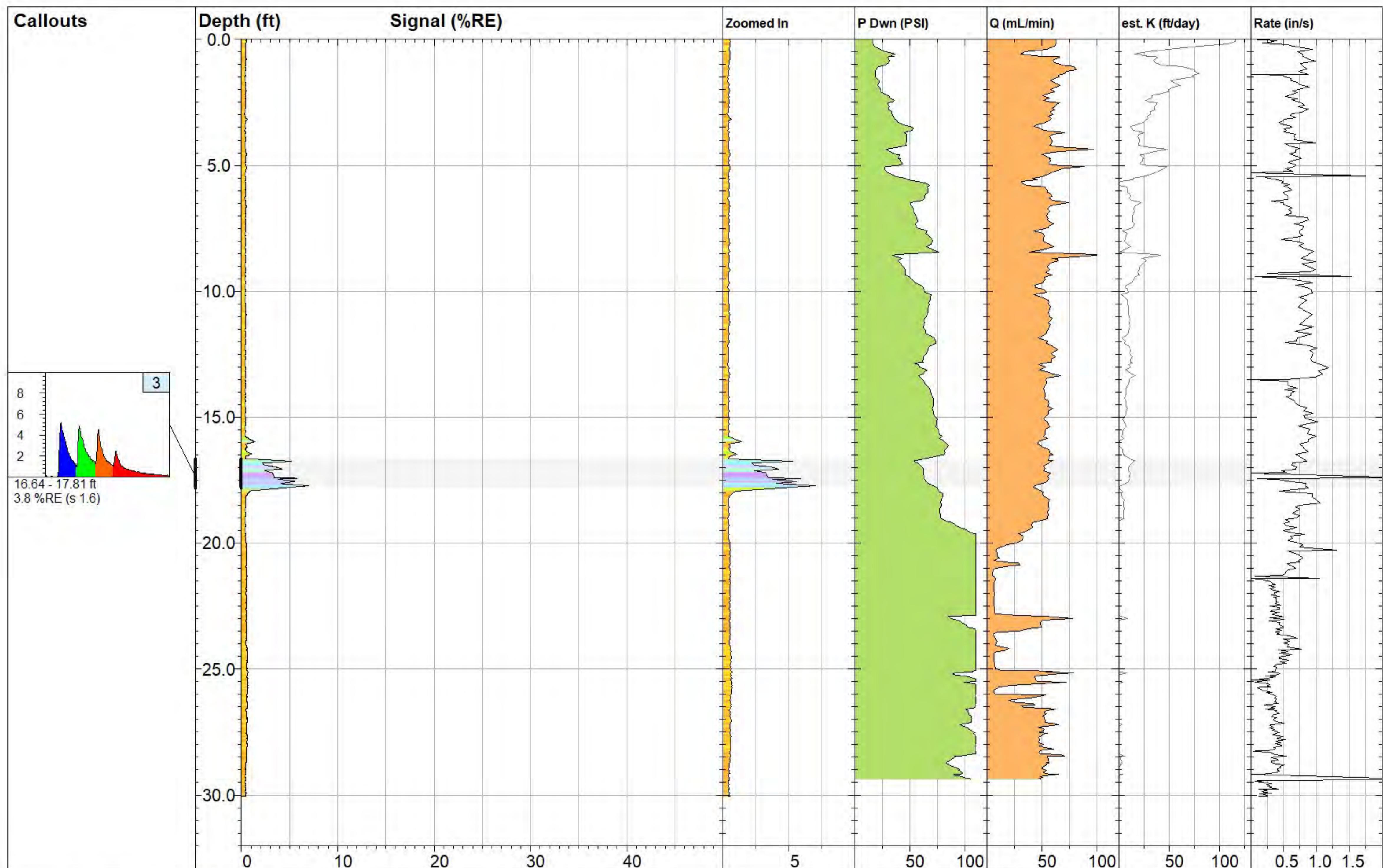
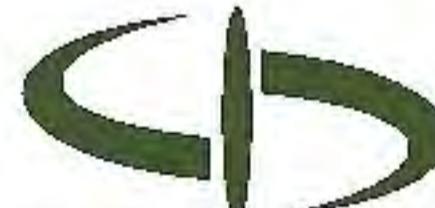
X Coord.(Long/East):  
**Unavailable**

Max Signal:  
**23.0 %RE @ 19.50 ft**

Operator / Unit:  
**BG / UVOST1612**

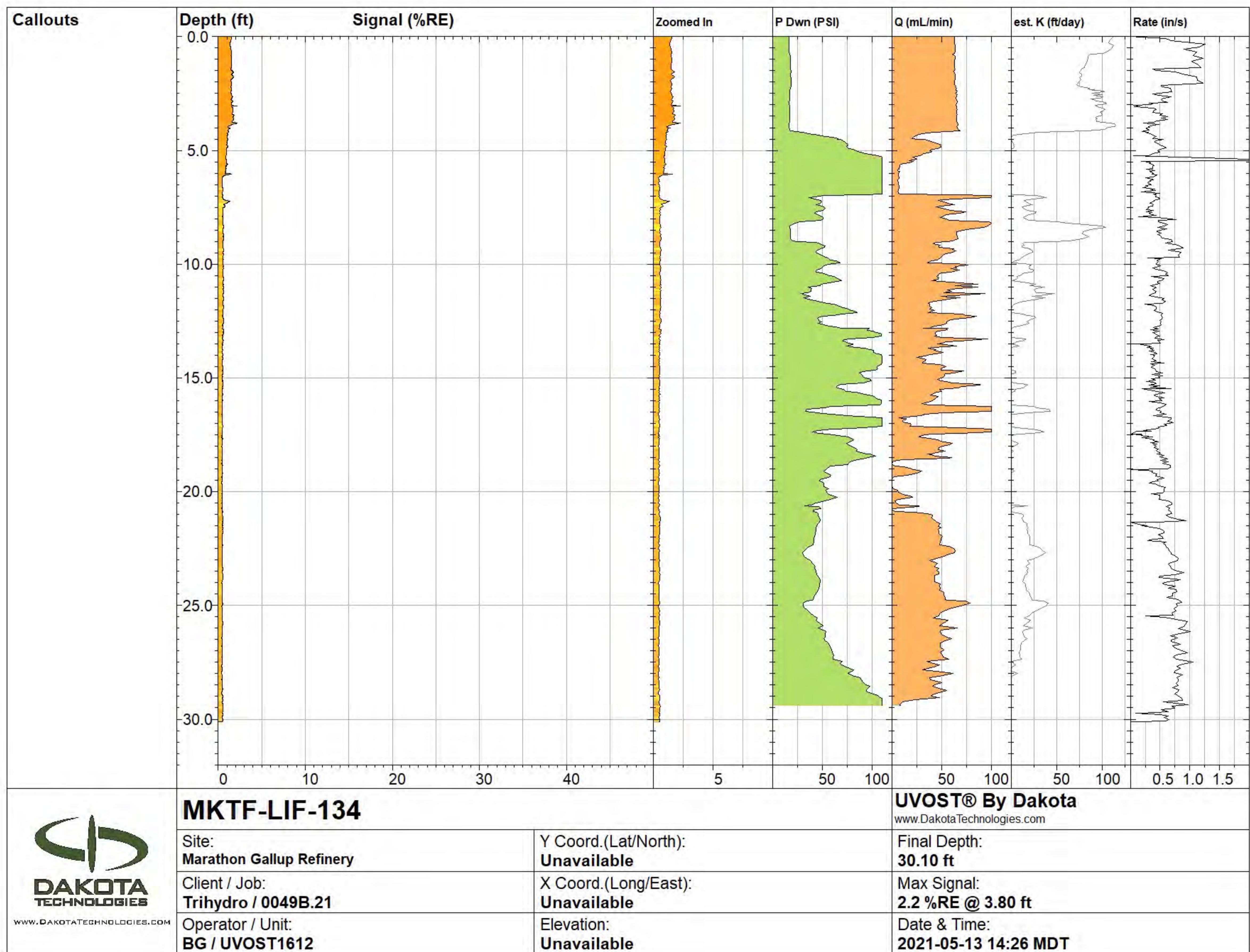
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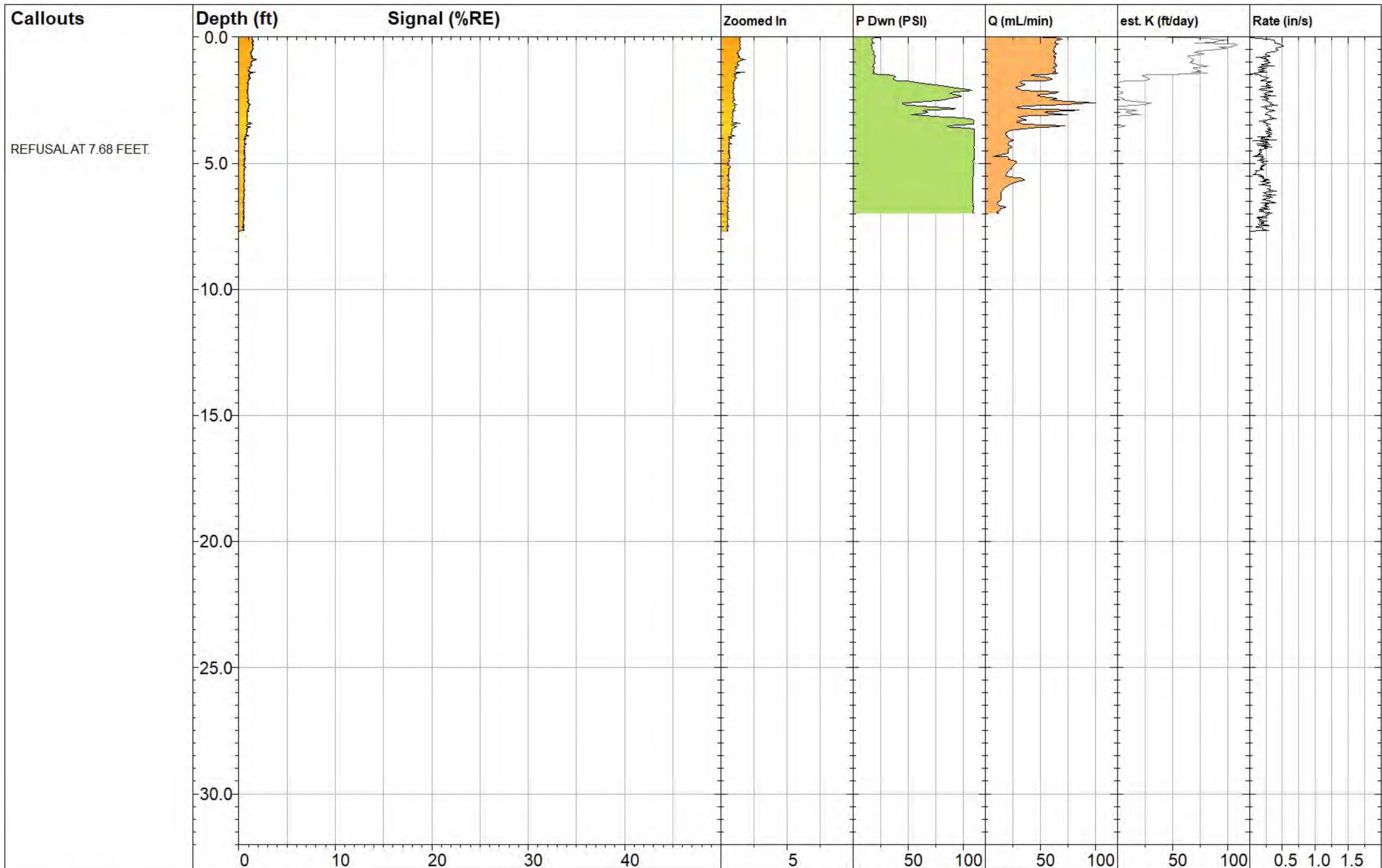
Date & Time:  
**2021-05-13 15:06 MDT**

**MKTF-LIF-133**

www.DAKOTATECHNOLOGIES.COM

**UVOST® By Dakota**  
www.DakotaTechnologies.comSite:  
**Marathon Gallup Refinery**Y Coord.(Lat/North):  
**Unavailable**Final Depth:  
**30.05 ft**Client / Job:  
**Trihydro / 0049B.21**X Coord.(Long/East):  
**Unavailable**Max Signal:  
**7.0 %RE @ 17.72 ft**Operator / Unit:  
**BG / UVOST1612**Elevation:  
**Unavailable**Date & Time:  
**2021-05-13 15:47 MDT**



**MKTF-LIF-135**
**UVOST® By Dakota**  
[www.DakotaTechnologies.com](http://www.DakotaTechnologies.com)

Site:  
**Marathon Gallup Refinery**

Y Coord.(Lat/North):  
**Unavailable**

Final Depth:  
**7.68 ft**

Client / Job:  
**Trihydro / 0049B.21**

X Coord.(Long/East):  
**Unavailable**

Max Signal:  
**1.9 %RE @ 0.89 ft**

Operator / Unit:  
**BG / UVOST1612**

Elevation:  
**Unavailable**

Date & Time:  
**2021-05-14 07:01 MDT**

**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 64822

**CONDITIONS**

|   |   |
|---|---|
| Operator:<br><br>Western Refining Southwest LLC<br>539 South Main Street<br>Findlay, OH 45840 | OGRID:<br>267595  |
|   | Action Number:<br>64822                                     |
|   | Action Type:<br>[UF-DP] Discharge Permit (DISCHARGE PERMIT) |

**CONDITIONS**

| Created By | Condition                                   | Condition Date |
|------------|---|----------------|
| jburdine   | Accepted for Record Retention Purposes-Only | 11/22/2022     |