

**Western Refining Southwest LLC**

A subsidiary of Marathon Petroleum Corporation

I-40 Exit 39

Jamestown, NM 87347

January 23, 2024

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

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

Dear Mr. Maestas:

Western Refining Southwest LLC, D/B/A Marathon Gallup Refinery (Refinery), Gallup, New Mexico is submitting this "Hydrocarbon Seep Interim Measures Status Report" for the 4th quarter of 2023. This document provides the status for quarterly Interim Measures (IM) activities associated with the Hydrocarbon Seep Area and separate phase hydrocarbon (SPH) monitoring well activities throughout the Refinery as requested by the New Mexico Environment Department (NMED) in Comment 22 of "Disapproval, Interim Measures Report" dated April 26, 2016. Presented below are summaries of specific activities related to source control of the Hydrocarbon Seep Area (Figure 1), Borrow Pit Sumps (Figure 2), monthly fluid level readings, and withdrawal of SPH and associated groundwater in the marketing tank farm (MKTF) and non-MKTF areas. This document presents fluid recovery information from the groundwater recovery system in the Hydrocarbon Seep Area, Borrow Pit Sumps, and the French Drain (Figure 3). The refinery has remained in indefinite idle status since April 2020. Refinery resources and personnel were operating at a reduced capacity and have focused on facility maintenance during the 4th quarter of 2023.

Hydrocarbon Seep Area Source Control

The Hydrocarbon Seep Area is within the groundwater recovery capture zone. Beginning March 1, 2023, groundwater is extracted through an automated system. The amount of SPH recovered is not quantified with the groundwater system; therefore, total fluid volumes are reported.

In early November 2023, the Hydrocarbon Seep Area groundwater extraction system pumps failed. This resulted in reduced groundwater and SPH extraction volumes from the Hydrocarbon Seep Area during the 4th quarter of 2023. Weather permitting, total fluids will be recovered on a monthly basis via vacuum truck until new pumps can be acquired and installed.

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Activities and observations for the Hydrocarbon Seep Area for the 4th quarter of 2023 include:

- There were an estimated 14,633 gallons (gals) of total fluids recovered from the Hydrocarbon Seep Area standpipe sumps (S-1 through S-6) (Figure 1) using the groundwater extraction system and vacuum truck recovery during 4th quarter of 2023 (Table 1A). No SPH was measured or observed, however there is a strong odor of hydrocarbons, suggesting of the presence of dissolved phase hydrocarbons in the recovered fluid.
- There were 339 gals of fluid recovered in the French Drain area (Figure 3) using the groundwater extraction system during 4th quarter of 2023 (Table 1B).
- There was no fluid recovered from the retention ditch during the 4th quarter because there was no standing fluid (Table 1C and Figure 1).

Borrow Pit Activities

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

Sumps BPS-1, BPS-2, and BPS-3 have generally contained measurable SPH since installation on April 16, 2021. Sumps BPS-6 and BPS-7, and piezometers PZ-3 and PZ-4, have generally contained measurable SPH since installation on January 24, 2022. SPH was first detected in BPS-4 and BPS-5 in September 2021. During 2023, SPH detection in BPS-4 and BPS-5 was intermittent. SPH was first detected in BPS-8 on February 8, 2022. No SPH was detected in BPS-8 during 2023. No SPH has been detected in PZ-1 or PZ-2 since installation on April 14, 2021.

The groundwater extraction system began fluid recovery in wells BPS-1, BPS-2, BPS-3, BPS-4, BPS-5, and BPS-8 at the Borrow Pit on March 7, 2023. The extraction pumps were manually operated one to three times a day, four days a week, weather permitting, from March 7, 2023, to May 31, 2023. Starting May 31, 2023, the extraction pumps were automated, pumping each well approximately 24 times per day.

On average, the relative SPH thickness remained consistent in the sumps and piezometers during the 4th quarter 2023 (Table 2A). BPS-6 and BPS-7 were re-drilled to a deeper total depth to allow for the installation of pumps into the sumps on June 26 and June 27, 2023, respectively. After equipment issues were detected at the Hydrocarbon Seep Area in November 2023, the installation of pumps in BPS-6 and BPS-7 was put on temporary hold.

An estimated total of 4,829 gals of SPH and 6,986 gals of water were recovered by the borrow pit groundwater extraction system (Table 2B) in the 4th quarter. The total fluid volume

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recovered from the borrow pit groundwater recovery system is estimated based on sump depths, well diameter, water and SPH fluid levels, and pump starts.

New surface hydrocarbon staining was observed near BPS-2 and BPS-3 on April 24, 2023. There was no noticeable change to the staining in the Borrow Pit over the 4th quarter. The Refinery will continue to monitor the hydrocarbon staining in the Borrow Pit. Automated extraction is expected to continue to reduce the SPH thickness on the groundwater and to reduce hydrocarbon surface seepage.

Surface Discharge Observations

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

As requested by NMED in Comment 5 from "Disapproval Marketing Tank Farm Laser-Induced Fluorescence/Hydraulic Profiling Investigation Report", dated June 2, 2021, the water seep near the 90-day pad is visually inspected monthly for SPH (Figure 2). The water seep area was inspected each month in the 4th quarter and was found to be dry and had no visual evidence of SPH.

Monthly Fluid Levels

Monthly fluid level data for the MKTF and refinery areas are presented in Tables 3A and 3B. Compared to the 3rd quarter of 2023, there was less than a foot of water level change (increasing or decreasing) in the majority of monitored wells with a trend in decreasing water level. The following wells had greater than a foot of water level decrease: MKTF-02R, MKTF-04R, MKTF-12, MKTF-16, MKTF-25, MKTF-28, MKTF-29, MKTF-30, MKTF-43, MKTF-44, OW-58, and STP1-NW. The following wells showed greater than a foot of water level increase: MKTF-10 and MKTF-40. Based on field observations, it appears that the groundwater extraction system is drawing down the groundwater table, exposing residual SPH held in the formation, thus resulting in increased detections of SPH in monitoring wells.

MKTF and Non-MKTF Fluid Recovery

Fluid recovery in MKTF wells (Figure 3) upgradient of the Hydrocarbon Seep Area and with recoverable SPH, continued during the 4th quarter of 2023 using a vacuum truck. An estimated total of 144 gals of water and 73 gals of SPH were extracted during the 4th quarter. As requested in Comment 2 in NMED's "Approval with Modifications Hydrocarbon Seep Interim Measures 2020 Fourth Quarter Status Report", dated March 30, 2021, fluid levels are taken 24 hours after vacuum truck extractions and are presented in Tables 4A through 4F.

Fluid recovery was attempted at the listed wells: MKTF-3, MKTF-5, MKTF-6, MKTF-7, MKTF-8, MKTF-10, MKTF-13, MKTF-14, MKTF-15, MKTF-17R, MKTF-19, MKTF-22,

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MKTF-31, MKTF-39, MKTF-49, OW-55, OW-58A, OW-61, OW-65, OW-66, RW-1, RW-2R, RW-5, and RW-6. Weather during the month of December prevented vacuum trucks from driving on the service roads leading to MKTF-6, MKTF-7, MKTF-8, MKTF-13, MKTF-14, RW-5, and RW-6.

These above wells were chosen for fluid recovery based on historical and persistent presence of recoverable SPH. Wells containing less than 0.1 ft of product for the duration of the quarter will be removed from fluid recovery. Wells measuring more than 1 ft of SPH will be added to the extraction list. Accordingly, for the fourth quarter of 2023, no wells will be removed from vacuum truck recovery. While GWM-1 has more than 1 ft of SPH, it will not be added to the fluid recovery list because it is inaccessible to a vacuum truck. Fluid recovery will continue to be evaluated at the end of each quarter.

4th Quarter 2023 IM Activities

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

- **Monitoring** – Monthly groundwater gauging will continue during the 4th quarter of 2023. The water seep near the 90-day pad will be monitored for SPH monthly.
- **Hydrocarbon Seep Area Source Control** – Groundwater extraction of the Hydrocarbon Seep Area will be conducted with vacuum truck until issues with the groundwater extraction system are resolved.
- **Borrow Pit Seep Area** – The Borrow Pit Seep Area will be pumped continuously using the groundwater extraction system. Vacuum truck recovery will take place weekly in BPS-3, BPS-6, BPS-7 as conditions allow.
- **Investigations** – The following investigative activities and reports that pertain to seeps and releases in the area of the Hydrocarbon Seep Area have been completed or are expected to be scheduled for 2024, pending NMED approval of work plans.
 - **AOC 35** – An Investigation Work Plan (IWP) for Area of Concern (AOC) 35, which includes the area around the Marketing Tanks and the Truck Loading Racks, was approved with modifications on September 12, 2019. However, this investigation was postponed for revision due to the gasoline leak in the Truck Loading area found on October 27, 2019. The revised AOC 35 IWP Number 2 was submitted to NMED on September 1, 2021. NMED's Disapproval Revised Investigation Work Plan No. 2 Area of Concern 35 was received on October 20, 2021. The revised IWP and response to disapproval comments was submitted to NMED on April 11, 2022. NMED responded with an Approval with Modifications on December 12, 2022. A response to the Approval with Modifications was submitted to NMED on March 15, 2023. NMED's Disapproval Process Sewer IWP contained in AOC 35 was received on October 24, 2021. The Process Sewer IWP Response to Disapproval was submitted to NMED on January 11, 2024.

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- **OW-58A** – A letter requesting an interim measure approval from NMED to add a groundwater extraction system in OW-58A (Figure 3) to slow the northern progress of SPH plume was submitted to NMED October 11, 2023. NMED responded to the “North-Eastern Boundary Control Work Plan (OW-58A)” with an Approval with Modifications on October 23, 2023. The revised IWP and response to approval with modifications was submitted to NMED on October 25, 2023. The Refinery will move forward to implement a groundwater extraction system in OW-58A.

The Refinery received NMED’s response to the 1st through 4th quarter 2022 Status Reports on January 17, 2024, and January 18, 2024. These comments will be addressed in the 1st quarter 2024 Status Report.

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

Certification

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

Sincerely,
Western Refining Southwest LLC, D/B/A Marathon Gallup Refinery

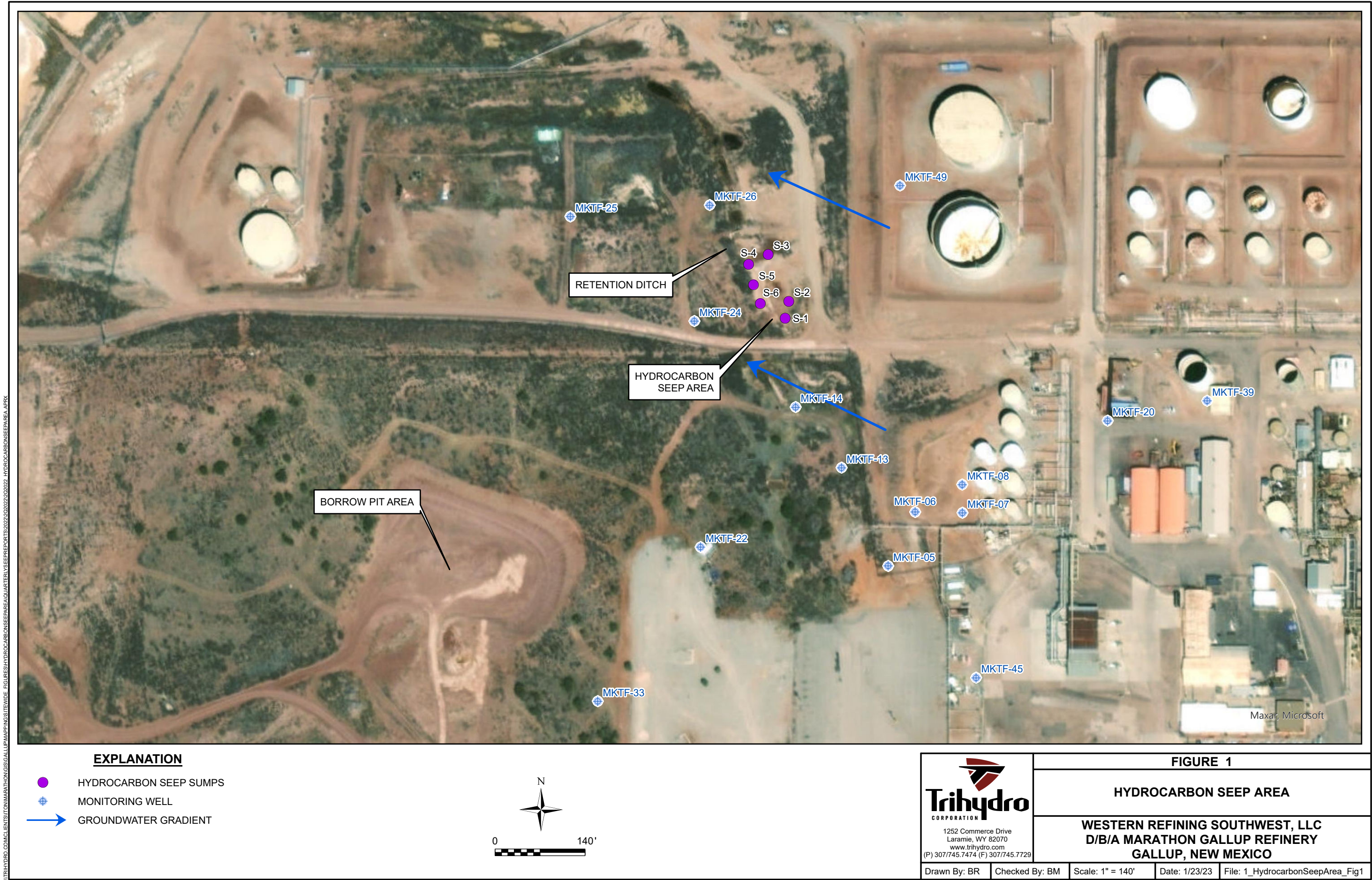


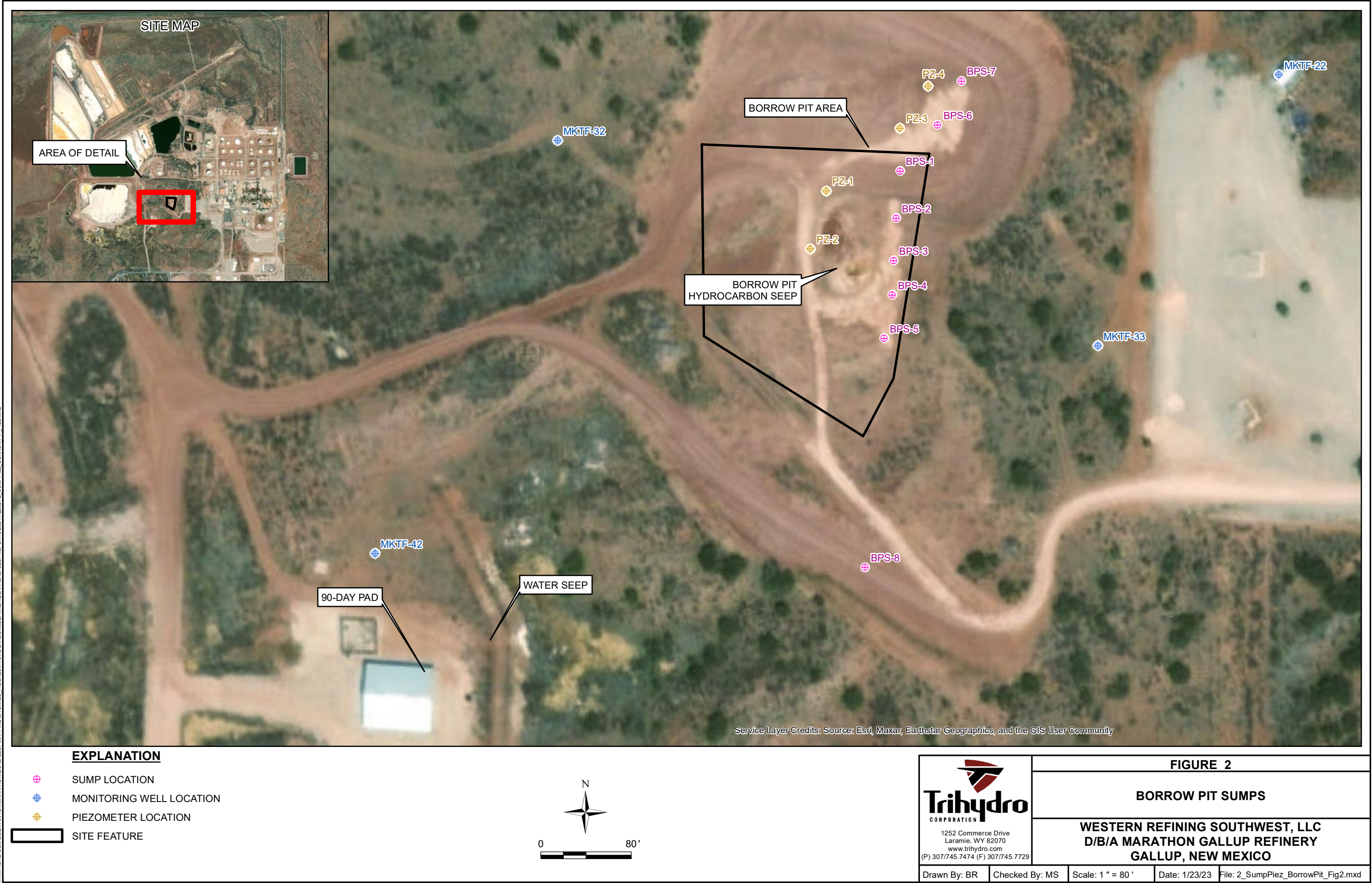
Timothy J. Peterkoski
Director of Environment and Climate Strategy
Marathon Petroleum Company LP

Enclosure

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

FIGURES





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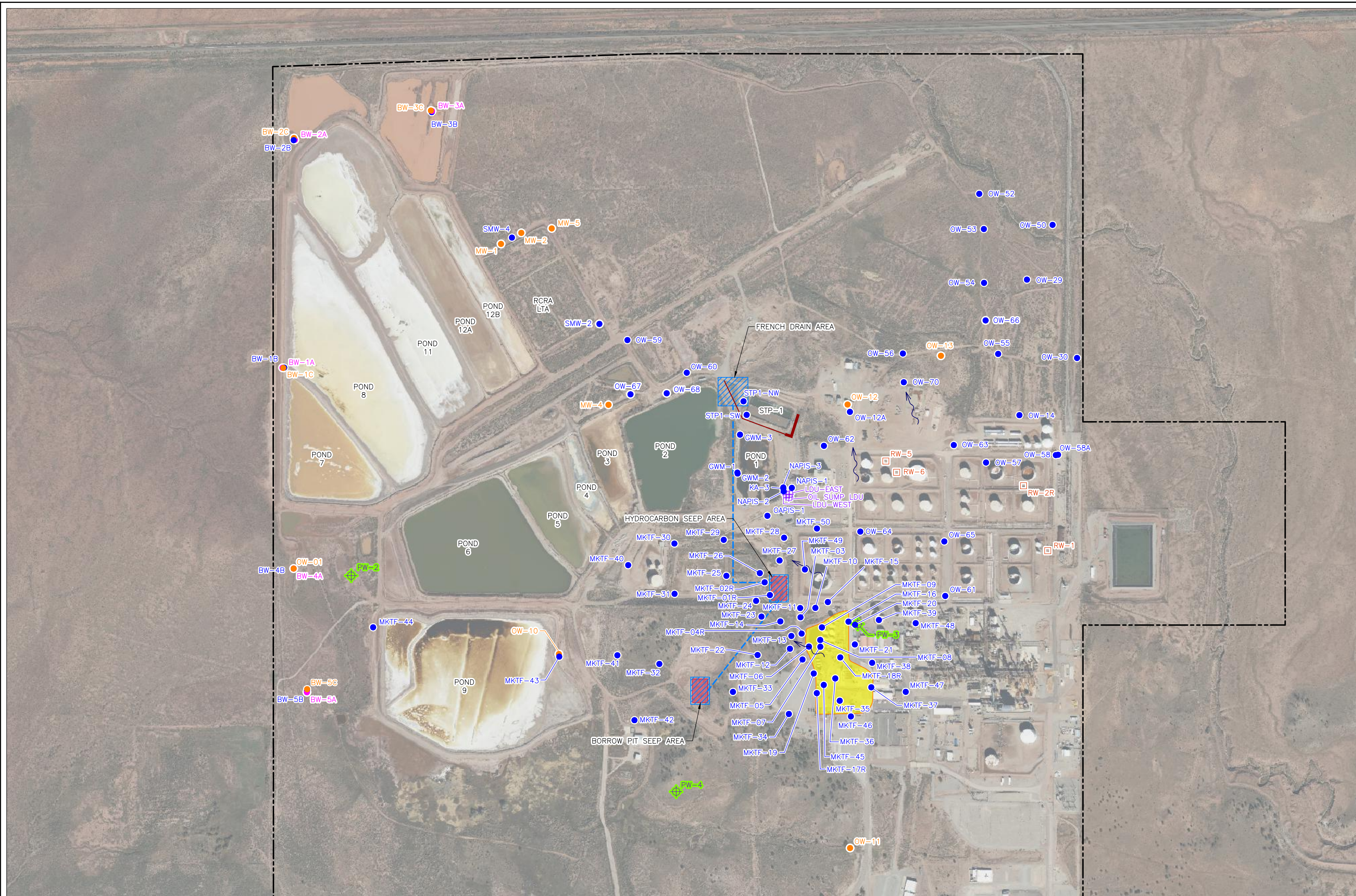
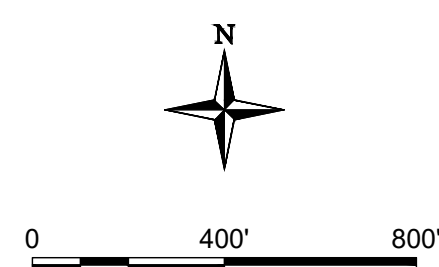


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EXPLANATION

● BW-5A	ALLUVIAL/FLUVIAL UPPER SAND AQUIFER MONITORING WELL AND DESIGNATION	→	ESTIMATED GROUNDWATER FLOW DIRECTION
● BW-5B	CHINLE/ALLUVIUM AQUIFER MONITORING WELL AND DESIGNATION	SEEP AREA	SEEP AREA
● BW-5C	SONSELA AQUIFER MONITORING WELL AND DESIGNATION	AOC 35 AREA	AOC 35 AREA
● PW-4	RAW WATER PRODUCTION WELL AND DESIGNATION	PHASE I GROUNDWATER RECOVERY SYSTEM (INSTALLATION COMPLETED MARCH 2023)	PHASE I GROUNDWATER RECOVERY SYSTEM (INSTALLATION COMPLETED MARCH 2023)
□ RW-6	RECOVERY WELL AND DESIGNATION	PROCESS SEWER LINE	PROCESS SEWER LINE
⊕ LDU-EAST	LEAK DETECTION UNIT AND DESIGNATION	PROPERTY BOUNDARY (APPROXIMATE)	PROPERTY BOUNDARY (APPROXIMATE)
—	FRENCH DRAIN	LEAK DETECTION UNIT	LEAK DETECTION UNIT
		SEPARATE PHASE HYDROCARBON	SEPARATE PHASE HYDROCARBON
		LDU	LDU
		SPH	SPH



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FIGURE 3

SITE PLAN

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

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

TABLES

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

Hydrocarbon Seep Area Groundwater Recovery System		
Month/Year	Total System	
	Total Fluid Volume Recovered (gallons)	Cumulative Volume Recovered (gallon)
March 2023	24,392	24,392
1st Quarter 2023 Totals	24,392	24,392
April 2023	65,605	89,997
May 2023	55,339	145,336
June 2023	52,689	198,025
2nd Quarter 2023 Totals	173,633	198,025
July 2023	24,162	222,187
August 2023	39,777	261,964
September 2023	35,840	297,804
3rd Quarter 2023 Totals	99,779	297,804
October 2023	12,633	310,437
November 2023 ¹	2,000	312,437
December 2023 ²	0	312,437
4th Quarter 2023 Totals	14,633	312,437

Note:

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

SPH - Separate Phase Hydrocarbon

1. Fluid was recovered with vacuum truck due to pump issues
2. No fluid was recovered due to muddy conditions and inaccessibility

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

French Drain Area		
Month/Year	STP-1	
	Volume Recovered (gallons)	Cumulative Volume Recovered (gallons)
March 2023	4,761	4,761
1st Quarter 2023 Totals	4,761	4,761
April 2023	4,767	9,528
May 2023	1,998	11,526
June 2023	1,959	13,485
2nd Quarter 2023 Totals	8,724	13,485
July 2023	653	14,138
August 2023	411	14,549
September 2023	362	14,911
3rd Quarter 2023 Totals	1,426	14,911
October 2023	185	15,096
November 2023	76	15,172
December 2023	78	15,250
4th Quarter 2023 Totals	339	15,250

Note:

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

SPH - Separate Phase Hydrocarbon

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

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

Note:

NR - not recorded

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

Well Location	Date	Well Diameter (in)	Depth to SPH (ft-bs)	Depth to Water (ft-bs)	SPH Thickness (ft)
BPS-1	1/13/2023	4	4.65	9.28	4.63
BPS-1	3/14/2023	4	4.44	8.60	4.16
BPS-1	4/6/2023	4	4.47	8.23	3.76
BPS-1	6/16/2023	4	5.59	6.12	0.53
BPS-1	7/19/2023	4	5.64	7.56	1.92
BPS-1	8/16/2023	4	5.58	8.75	3.17
BPS-1	9/28/2023	4	5.69	8.70	3.01
BPS-1	10/23/2023	4	6.00	8.25	2.25
BPS-1	11/14/2023	4	5.98	8.21	2.23
BPS-1	12/18/2023	4	5.75	7.77	2.02
BPS-2	1/13/2023	4	4.62	7.90	3.28
BPS-2	3/14/2023	4	4.45	7.20	2.75
BPS-2	4/6/2023	4	4.46	7.76	3.30
BPS-2	6/16/2023	4	6.13	6.80	0.67
BPS-2	7/19/2023	4	5.50	6.81	1.31
BPS-2	8/16/2023	4	6.05	6.35	0.30
BPS-2	9/28/2023	4	6.09	6.41	0.32
BPS-2	10/23/2023	4	5.74	7.45	1.71
BPS-2	11/14/2023	4	5.83	7.66	1.83
BPS-2	12/18/2023	4	5.63	6.95	1.32
BPS-3	1/13/2023	4	5.80	7.20	1.40
BPS-3	3/14/2023	4	5.63	6.90	1.27
BPS-3	4/6/2023	4	5.70	6.42	0.72
BPS-3	6/16/2023	4	ND	6.59	0.00
BPS-3	7/19/2023	4	7.75	7.77	0.02
BPS-3	8/16/2023	4	7.07	7.10	0.03
BPS-3	9/28/2023	4	7.13	7.18	0.05
BPS-3	10/23/2023	4	6.55	8.03	1.48
BPS-3	11/14/2023	4	6.60	8.09	1.49
BPS-3	12/18/2023	4	7.68	7.75	0.07
BPS-4	1/13/2023	4	6.85	7.15	0.30
BPS-4	3/14/2023	4	6.72	6.77	0.05
BPS-4	4/6/2023	4	ND	6.68	0.00
BPS-4	6/16/2023	4	ND	7.45	0.00
BPS-4	7/19/2023	4	ND	7.78	0.00
BPS-4	8/16/2023	4	7.77	7.79	0.02
BPS-4	9/28/2023	4	7.70	7.80	0.10
BPS-4	10/23/2023	4	7.95	7.96	0.01
BPS-4	11/14/2023	4	7.98	8.00	0.02
BPS-4	12/18/2023	4	ND	7.69	0.00

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

Well Location	Date	Well Diameter (in)	Depth to SPH (ft-bs)	Depth to Water (ft-bs)	SPH Thickness (ft)
BPS-5	1/13/2023	4	ND	5.95	0.00
BPS-5	3/14/2023	4	5.76	5.78	0.02
BPS-5	4/6/2023	4	ND	5.71	0.00
BPS-5	6/16/2023	4	ND	7.94	0.00
BPS-5	7/19/2023	4	ND	7.12	0.00
BPS-5	8/16/2023	4	ND	7.10	0.00
BPS-5	9/28/2023	4	ND	7.15	0.00
BPS-5	10/23/2023	4	ND	8.00	0.00
BPS-5	11/14/2023	4	ND	7.97	0.00
BPS-5	12/18/2023	4	ND	7.19	0.00
BPS-6	1/13/2023	4	8.08	10.05	1.97
BPS-6	3/14/2023	4	NM	NM	NM
BPS-6	4/6/2023	4	ND	7.78	0.00
BPS-6	6/16/2023	4	8.22	10.04	1.82
BPS-6	7/19/2023	4	8.66	10.23	1.57
BPS-6	8/16/2023	4	11.96	19.10	7.14
BPS-6	9/28/2023	4	11.98	19.07	7.09
BPS-6	10/23/2023	4	12.20	18.93	6.73
BPS-6	11/14/2023	4	12.12	18.88	6.76
BPS-6	12/13/2023	4	12.11	18.85	6.74
BPS-7	1/13/2023	4	9.00	9.20	0.20
BPS-7	3/14/2023	4	NM	NM	NM
BPS-7	4/6/2023	4	ND	8.79	0.00
BPS-7	6/16/2023	4	9.02	9.74	0.72
BPS-7	7/19/2023	4	9.25	9.75	0.50
BPS-7	8/16/2023	4	11.53	18.68	7.15
BPS-7	9/28/2023	4	11.66	18.67	7.01
BPS-7	10/23/2023	4	12.35	18.76	6.41
BPS-7	11/14/2023	4	12.37	18.79	6.42
BPS-7	12/13/2023	4	12.05	18.77	6.72
BPS-8	1/13/2023	4	ND	20.52	0.00
BPS-8	3/14/2023	4	ND	21.90	0.00
BPS-8	4/6/2023	4	ND	26.30	0.00
BPS-8	6/16/2023	4	ND	29.72	0.00
BPS-8	7/19/2023	4	ND	29.89	0.00
BPS-8	8/16/2023	4	NM	NM	NM
BPS-8	9/28/2023	4	ND	ND	0.00
BPS-8	10/23/2023	4	ND	ND	0.00
BPS-8	11/14/2023	4	ND	ND	0.00
BPS-8	12/18/2023	4	ND	ND	0.00

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

Well Location	Date	Well Diameter (in)	Depth to SPH (ft-bs)	Depth to Water (ft-bs)	SPH Thickness (ft)
BP-PZ-1	1/13/2023	2	ND	4.40	0.00
BP-PZ-1	3/14/2023	2	NM	NM	NM
BP-PZ-1	4/6/2023	2	ND	2.71	0.00
BP-PZ-1	5/2/2023	2	ND	2.65	0.00
BP-PZ-1	6/16/2023	2	ND	4.93	0.00
BP-PZ-1	7/19/2023	4	ND	5.41	0.00
BP-PZ-1	8/16/2023	4	ND	3.67	0.00
BP-PZ-1	9/28/2023	4	ND	3.70	0.00
BP-PZ-1	10/23/2023	4	ND	5.44	0.00
BP-PZ-1	11/14/2023	4	ND	5.46	0.00
BP-PZ-1	12/13/2023	4	ND	4.96	0.00
BP-PZ-2	1/13/2023	2	ND	3.12	0.00
BP-PZ-2	3/14/2023	2	NM	NM	NM
BP-PZ-2	4/6/2023	2	ND	4.10	0.00
BP-PZ-2	5/2/2023	2	ND	4.10	0.00
BP-PZ-2	6/16/2023	2	ND	3.29	0.00
BP-PZ-2	7/19/2023	4	ND	3.80	0.00
BP-PZ-2	8/16/2023	4	ND	4.78	0.00
BP-PZ-2	9/28/2023	4	ND	4.72	0.00
BP-PZ-2	10/23/2023	4	ND	4.24	0.00
BP-PZ-2	11/14/2023	4	ND	4.31	0.00
BP-PZ-2	12/13/2023	4	ND	3.91	0.00
BP-PZ-3	1/13/2023	2	6.15	9.90	3.75
BP-PZ-3	3/14/2023	2	NM	NM	NM
BP-PZ-3	4/6/2023	2	ND	6.00	0.00
BP-PZ-3	5/2/2023	2	5.99	9.10	3.11
BP-PZ-3	6/16/2023	2	6.41	9.30	2.89
BP-PZ-3	7/19/2023	4	6.81	9.57	2.76
BP-PZ-3	8/16/2023	4	6.90	9.93	3.03
BP-PZ-3	9/25/2023	4	6.93	9.95	3.02
BP-PZ-3	10/23/2023	4	7.09	10.53	3.44
BP-PZ-3	11/14/2023	4	7.05	10.50	3.45
BP-PZ-3	12/13/2023	4	7.07	10.30	3.23

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

Well Location	Date	Well Diameter (in)	Depth to SPH (ft-bs)	Depth to Water (ft-bs)	SPH Thickness (ft)
BP-PZ-4	1/13/2023	2	8.56	10.68	2.12
BP-PZ-4	3/14/2023	2	NM	NM	NM
BP-PZ-4	4/6/2023	2	ND	8.34	0.00
BP-PZ-4	5/2/2023	2	8.31	10.50	2.19
BP-PZ-4	6/16/2023	2	8.59	10.64	2.05
BP-PZ-4	7/19/2023	4	9.10	9.64	0.54
BP-PZ-4	8/16/2023	4	9.25	10.64	1.39
BP-PZ-4	9/25/2023	4	9.20	10.55	1.35
BP-PZ-4	10/23/2023	4	9.42	10.64	1.22
BP-PZ-4	11/14/2023	4	9.42	10.62	1.20
BP-PZ-4	12/13/2023	4	9.45	10.91	1.46

Notes:

BP-PZ - Borrow Pit Piezometer

BPS - Borrow Pit Sump

bs - below stick up

ft - feet

in - inches

ND - not detected

NM - not measured

SPH - separate phase hydrocarbon

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

Date/Time	Number of Starts	Total System (BPS-1, BPS-2, BPS-3, BPS-4, BPS-5, BPS-8)					
	Starts/month	Total Volume Recovered (gal)	Cumulative Volume Recovered (gal)	Total SPH Recovered (gal)	Cumulative SPH Recovered (gal)	Total Water Recovered (gal)	Cumulative Water Recovered (gal)
March 2023	18	296	296	80	80	216	216
1st Quarter 2023 Totals	18	296	296	80	80	216	216
April 2023	26	352	648	113	193	239	455
May 2023	57	772	1,419	249	442	523	978
June 2023	720	5,001	11,636	564	2,672	4,437	8,964
2nd Quarter 2023 Totals	803	6,125	11,636	926	2,672	5,199	8,964
July 2023	744	5,041	16,677	1,371	4,043	3,670	12,634
August 2023	744	4,996	21,673	924	4,968	4,072	16,706
September 2023	720	4,746	26,419	899	5,867	3,846	20,552
3rd Quarter 2023 Totals	2,208	14,783	26,419	3,195	5,867	11,588	20,552
October 2023	744	4,671	31,089	2,105	7,971	2,566	23,118
November 2023	720	3,155	29,029	1,412	7,717	1,744	21,312
December 2023	744	3,989	33,018	1,313	9,030	2,676	23,988
4th Quarter 2023 Totals	2,208	11,815	33,018	4,829	9,030	6,986	23,988

Notes:

Values for the 1st through 3rd quarter 2023 were updated from previous estimates using revised technique for calculation.

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

SPH - separate phase hydrocarbon

BPS - Borrow Pit Sumps

gal - gallons

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-01	06/01/21	4.00	17.38	3.42	0.31	3.73	6,914.55	6914.80	5 - 15	Chinle/Alluvium Interface
MKTF-01	07/06/21	4.00	17.38	3.35	0.44	3.79	6,914.49	6914.84	5 - 15	Chinle/Alluvium Interface
MKTF-01R	08/31/21	4.00	18.00	ND	NA	3.60	6,918.22	NA	3 - 18	Chinle/Alluvium Interface
MKTF-01R	09/09/21	4.00	18.00	ND	NA	3.72	6,918.10	NA	3 - 18	Chinle/Alluvium Interface
MKTF-01R	10/27/21	4.00	18.00	ND	NA	3.92	6,917.90	NA	3 - 18	Chinle/Alluvium Interface
MKTF-01R	11/17/21	4.00	18.00	ND	NA	3.81	6,918.01	NA	3 - 18	Chinle/Alluvium Interface
MKTF-01R	12/03/21	4.00	18.10	ND	NA	3.55	6,918.27	NA	3 - 18	Chinle/Alluvium Interface
MKTF-01R	01/28/22	4.00	18.10	ND	NA	3.50	6,918.32	NA	3 - 18	Chinle/Alluvium Interface
MKTF-01R	02/28/22	4.00	18.10	ND	NA	3.60	6,918.22	NA	3 - 18	Chinle/Alluvium Interface
MKTF-01R	03/01/22	4.00	18.11	ND	NA	3.56	6,918.26	NA	3 - 18	Chinle/Alluvium Interface
MKTF-01R	04/27/22	4.00	18.11	ND	NA	3.50	6,918.32	NA	3 - 18	Chinle/Alluvium Interface
MKTF-01R	05/05/22	4.00	18.11	ND	NA	3.51	6,918.33	NA	3 - 18	Chinle/Alluvium Interface
MKTF-01R	06/01/22	4.00	18.11	3.50	0.03	3.53	6,918.29	6918.31	3 - 18	Chinle/Alluvium Interface
MKTF-01R	07/06/22	4.00	18.11	3.80	0.07	3.87	6,917.95	6918.01	3 - 18	Chinle/Alluvium Interface
MKTF-01R	08/08/22	4.00	18.11	3.62	0.03	3.65	6,918.17	6918.19	3 - 18	Chinle/Alluvium Interface
MKTF-01R	09/01/22	4.00	18.11	3.62	0.03	3.65	6,918.17	6918.19	3 - 18	Chinle/Alluvium Interface
MKTF-01R	10/03/22	4.00	18.11	3.65	0.03	3.68	6,918.14	6918.16	3 - 18	Chinle/Alluvium Interface
MKTF-01R	11/02/22	4.00	18.11	3.67	0.04	3.71	6,918.11	6918.14	3 - 18	Chinle/Alluvium Interface
MKTF-01R	12/06/22	4.00	18.11	3.69	0.06	3.75	6,918.07	6918.12	3 - 18	Chinle/Alluvium Interface
MKTF-01R	1/30/2023	4.00	18.11	3.71	0.05	3.76	6,918.06	6918.10	3 - 18	Chinle/Alluvium Interface
MKTF-01R	2/28/2023	4.00	18.11	3.40	0.08	3.48	6,918.34	6918.40	3 - 18	Chinle/Alluvium Interface
MKTF-01R	3/31/2023	4.00	18.11	3.40	0.07	3.47	6,918.35	6918.41	3 - 18	Chinle/Alluvium Interface
MKTF-01R	4/12/2023	4.00	18.11	3.38	0.06	3.44	6,918.38	6918.43	3 - 18	Chinle/Alluvium Interface
MKTF-01R	5/15/2023	4.00	18.11	3.40	0.05	3.45	6,918.37	6918.41	3 - 18	Chinle/Alluvium Interface
MKTF-01R	6/1/2023	4.00	18.11	3.23	0.07	3.30	6,918.52	6918.58	3 - 18	Chinle/Alluvium Interface
MKTF-01R	7/24/2023	4.00	18.11	3.20	0.08	3.28	6,918.54	6918.60	3 - 18	Chinle/Alluvium Interface
MKTF-01R	8/18/2023	4.00	18.11	3.28	0.77	4.05	6,917.77	6918.39	3 - 18	Chinle/Alluvium Interface
MKTF-01R	9/6/2023	4.00	18.11	3.30	0.78	4.08	6,917.74	6918.36	3 - 18	Chinle/Alluvium Interface
MKTF-01R	10/24/2023	4.00	18.11	ND	NA	8.04	6,913.78	NA	3 - 18	Chinle/Alluvium Interface
MKTF-01R	11/14/2023	4.00	18.11	ND	NA	5.96	6,915.86	NA	3 - 18	Chinle/Alluvium Interface
MKTF-01R	12/21/2023	4.00	18.11	ND	NA	4.30	6,917.52	NA	3 - 18	Chinle/Alluvium Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-02	06/01/21	4.00	20.54	ND	NA	5.57	6,909.43	NA	7 - 17	Chinle/Alluvium Interface
MKTF-02	07/06/21	4.00	20.54	ND	NA	5.63	6,909.37	NA	7 - 17	Chinle/Alluvium Interface
MKTF-02R	08/31/21	4.00	21.50	ND	NA	13.63	6,906.83	NA	6.5 - 21.5	Chinle/Alluvium Interface
MKTF-02R	09/17/21	4.00	21.50	ND	NA	14.11	6,906.35	NA	6.5 - 21.5	Chinle/Alluvium Interface
MKTF-02R	10/27/21	4.00	21.50	ND	NA	10.48	6,909.98	NA	6.5 - 21.5	Chinle/Alluvium Interface
MKTF-02R	11/17/21	4.00	21.50	ND	NA	9.01	6,911.45	NA	6.5 - 21.5	Chinle/Alluvium Interface
MKTF-02R	12/15/21	4.00	21.49	ND	NA	7.71	6,912.75	NA	6.5 - 21.5	Chinle/Alluvium Interface
MKTF-02R	01/10/22	4.00	21.49	ND	NA	7.68	6,912.78	NA	6.5 - 21.5	Chinle/Alluvium Interface
MKTF-02R	02/28/22	4.00	21.49	ND	NA	7.63	6,912.83	NA	6.5 - 21.5	Chinle/Alluvium Interface
MKTF-02R	03/02/22	4.00	21.49	ND	NA	7.73	6,912.73	NA	6.5 - 21.5	Chinle/Alluvium Interface
MKTF-02R	04/27/22	4.00	21.49	ND	NA	7.75	6,912.71	NA	6.5 - 21.5	Chinle/Alluvium Interface
MKTF-02R	05/05/22	4.00	21.49	ND	NA	7.76	6,912.70	NA	6.5 - 21.5	Chinle/Alluvium Interface
MKTF-02R	06/01/22	4.00	21.50	7.70	0.02	7.72	6,912.74	6912.76	6.5 - 21.5	Chinle/Alluvium Interface
MKTF-02R	07/06/22	4.00	21.50	7.51	0.03	7.54	6,912.92	6912.94	6.5 - 21.5	Chinle/Alluvium Interface
MKTF-02R	08/08/22	4.00	21.50	7.63	0.03	7.66	6,912.80	6912.82	6.5 - 21.5	Chinle/Alluvium Interface
MKTF-02R	09/01/22	4.00	21.50	7.64	0.02	7.66	6,912.80	6912.82	6.5 - 21.5	Chinle/Alluvium Interface
MKTF-02R	10/03/22	4.00	21.50	7.65	0.02	7.67	6,912.79	6912.81	6.5 - 21.5	Chinle/Alluvium Interface
MKTF-02R	11/02/22	4.00	21.50	7.63	0.03	7.66	6,912.80	6912.82	6.5 - 21.5	Chinle/Alluvium Interface
MKTF-02R	12/06/22	4.00	21.50	7.51	0.05	7.56	6,912.90	6912.94	6.5 - 21.5	Chinle/Alluvium Interface
MKTF-02R	01/30/23	4.00	21.50	7.48	0.05	7.53	6,912.93	6912.97	6.5 - 21.5	Chinle/Alluvium Interface
MKTF-02R	02/28/23	4.00	21.50	7.30	0.08	7.38	6,913.08	6913.14	6.5 - 21.5	Chinle/Alluvium Interface
MKTF-02R	03/31/23	4.00	21.50	7.60	0.09	7.69	6,912.77	6912.84	6.5 - 21.5	Chinle/Alluvium Interface
MKTF-02R	04/12/23	4.00	21.50	7.66	0.05	7.71	6,912.75	6912.79	6.5 - 21.5	Chinle/Alluvium Interface
MKTF-02R	05/15/23	4.00	21.50	7.68	0.04	7.72	6,912.74	6912.77	6.5 - 21.5	Chinle/Alluvium Interface
MKTF-02R	06/01/23	4.00	21.50	7.54	0.04	7.58	6,912.88	6912.91	6.5 - 21.5	Chinle/Alluvium Interface
MKTF-02R	07/24/23	4.00	21.50	7.45	0.05	7.50	6,912.96	6913.00	6.5 - 21.5	Chinle/Alluvium Interface
MKTF-02R	08/21/23	4.00	21.50	7.56	0.07	7.63	6,912.83	6912.89	6.5 - 21.5	Chinle/Alluvium Interface
MKTF-02R	09/06/23	4.00	21.50	7.58	0.06	7.64	6,912.82	6912.87	6.5 - 21.5	Chinle/Alluvium Interface
MKTF-02R	10/25/23	4.00	21.50	ND	NA	9.52	6,910.94	NA	6.5 - 21.5	Chinle/Alluvium Interface
MKTF-02R	11/14/23	4.00	21.50	ND	NA	9.69	6,910.77	NA	6.5 - 21.5	Chinle/Alluvium Interface
MKTF-02R	12/01/23	4.00	21.50	ND	NA	9.72	6,910.74	NA	6.5 - 21.5	Chinle/Alluvium Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-03	06/01/21	4.00	18.62	7.37	1.13	8.50	6,923.23	6924.13	3 - 18	Chinle/Alluvium Interface
MKTF-03	07/06/21	4.00	18.62	7.49	0.88	8.37	6,923.36	6924.06	3 - 18	Chinle/Alluvium Interface
MKTF-03	08/25/21	4.00	18.62	7.79	1.25	9.04	6,922.69	6923.69	3 - 18	Chinle/Alluvium Interface
MKTF-03	09/09/21	4.00	18.62	7.37	1.13	8.50	6,923.23	6924.13	3 - 18	Chinle/Alluvium Interface
MKTF-03	10/27/21	4.00	18.62	7.44	1.86	9.30	6,922.43	6923.92	3 - 18	Chinle/Alluvium Interface
MKTF-03	11/17/21	4.00	18.62	7.59	1.65	9.24	6,922.49	6923.81	3 - 18	Chinle/Alluvium Interface
MKTF-03	12/15/21	4.00	18.62	7.71	1.26	8.97	6,922.76	6923.77	3 - 18	Chinle/Alluvium Interface
MKTF-03	01/10/22	4.00	18.62	7.04	1.31	8.35	6,923.38	6924.43	3 - 18	Chinle/Alluvium Interface
MKTF-03	02/28/22	4.00	18.62	7.79	1.25	9.04	6,922.69	6923.69	3 - 18	Chinle/Alluvium Interface
MKTF-03	03/02/22	4.00	18.64	7.74	1.20	8.94	6,922.79	6923.75	3 - 18	Chinle/Alluvium Interface
MKTF-03	04/27/22	4.00	18.62	7.74	1.20	8.94	6,922.79	6923.75	3 - 18	Chinle/Alluvium Interface
MKTF-03	05/05/22	4.00	18.62	7.72	1.17	8.89	6,922.84	6923.78	3 - 18	Chinle/Alluvium Interface
MKTF-03	06/01/22	4.00	18.64	7.67	1.15	8.82	6,922.91	6923.83	3 - 18	Chinle/Alluvium Interface
MKTF-03	07/06/22	4.00	18.64	8.07	0.17	8.24	6,923.49	6923.63	3 - 18	Chinle/Alluvium Interface
MKTF-03	08/08/22	4.00	18.64	7.64	0.17	7.81	6,923.92	6924.06	3 - 18	Chinle/Alluvium Interface
MKTF-03	09/01/22	4.00	18.64	7.72	0.14	7.86	6,923.87	6923.98	3 - 18	Chinle/Alluvium Interface
MKTF-03	10/03/22	4.00	18.64	7.45	3.22	10.67	6,921.06	6923.64	3 - 18	Chinle/Alluvium Interface
MKTF-03	11/02/22	4.00	18.64	7.46	3.23	10.69	6,921.04	6923.62	3 - 18	Chinle/Alluvium Interface
MKTF-03	12/09/22	4.00	18.64	8.06	2.45	10.51	6,921.22	6923.18	3 - 18	Chinle/Alluvium Interface
MKTF-03	01/30/23	4.00	18.64	8.04	2.45	10.49	6,921.24	6923.20	3 - 18	Chinle/Alluvium Interface
MKTF-03	02/28/23	4.00	18.64	8.09	2.38	10.47	6,921.26	6923.16	3 - 18	Chinle/Alluvium Interface
MKTF-03	03/31/23	4.00	18.64	7.75	0.04	7.79	6,923.94	6923.97	3 - 18	Chinle/Alluvium Interface
MKTF-03	04/12/23	4.00	18.64	7.12	3.10	10.22	6,921.51	6923.99	3 - 18	Chinle/Alluvium Interface
MKTF-03	05/15/23	4.00	18.64	7.09	3.10	10.19	6,921.54	6924.02	3 - 18	Chinle/Alluvium Interface
MKTF-03	06/01/23	4.00	18.64	7.02	2.97	9.99	6,921.74	6924.12	3 - 18	Chinle/Alluvium Interface
MKTF-03	07/18/23	4.00	18.64	9.14	1.15	10.29	6,921.44	6922.36	3 - 18	Chinle/Alluvium Interface
MKTF-03	08/18/23	4.00	18.64	8.66	1.39	10.05	6,921.68	6922.79	3 - 18	Chinle/Alluvium Interface
MKTF-03	09/06/23	4.00	18.64	8.69	1.40	10.09	6,921.64	6922.76	3 - 18	Chinle/Alluvium Interface
MKTF-03	10/25/23	4.00	18.64	9.56	2.03	11.59	6,920.14	6921.76	3 - 18	Chinle/Alluvium Interface
MKTF-03	11/14/23	4.00	18.64	9.62	2.09	11.71	6,920.02	6921.69	3 - 18	Chinle/Alluvium Interface
MKTF-03	12/12/23	4.00	18.64	9.23	1.16	10.39	6,921.34	6922.27	3 - 18	Chinle/Alluvium Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-04	06/01/21	4.00	22.72	9.52	0.03	9.55	6,924.35	6924.37	10 - 22	Chinle/Alluvium Interface
MKTF-04	07/06/21	4.00	22.72	ND	NA	9.49	6,924.41	NA	10 - 22	Chinle/Alluvium Interface
MKTF-04R	08/30/21	4.00	19.20	ND	NA	10.13	6,928.36	NA	4 - 19	Chinle/Alluvium Interface
MKTF-04R	09/17/21	4.00	19.20	ND	NA	10.48	6,928.01	NA	4 - 19	Chinle/Alluvium Interface
MKTF-04R	10/27/21	4.00	19.20	ND	NA	9.93	6,928.56	NA	4 - 19	Chinle/Alluvium Interface
MKTF-04R	11/17/21	4.00	19.20	ND	NA	10.02	6,928.47	NA	4 - 19	Chinle/Alluvium Interface
MKTF-04R	12/03/21	4.00	19.20	ND	NA	10.18	6,928.31	NA	4 - 19	Chinle/Alluvium Interface
MKTF-04R	01/10/22	4.00	19.20	ND	NA	10.23	6,928.26	NA	4 - 19	Chinle/Alluvium Interface
MKTF-04R	02/28/22	4.00	19.20	ND	NA	10.13	6,928.36	NA	4 - 19	Chinle/Alluvium Interface
MKTF-04R	03/02/22	4.00	19.22	ND	NA	10.24	6,928.25	NA	4 - 19	Chinle/Alluvium Interface
MKTF-04R	04/27/22	4.00	19.22	ND	NA	9.92	6,928.57	NA	4 - 19	Chinle/Alluvium Interface
MKTF-04R	05/05/22	4.00	19.22	ND	NA	10.15	6,928.34	NA	4 - 19	Chinle/Alluvium Interface
MKTF-04R	06/01/22	4.00	19.20	10.17	0.02	10.19	6,928.30	6928.32	4 - 19	Chinle/Alluvium Interface
MKTF-04R	07/06/22	4.00	19.20	10.33	0.03	10.36	6,928.13	6928.15	4 - 19	Chinle/Alluvium Interface
MKTF-04R	08/08/22	4.00	19.20	10.56	0.02	10.58	6,927.91	6927.93	4 - 19	Chinle/Alluvium Interface
MKTF-04R	09/01/22	4.00	19.20	10.14	0.02	10.16	6,928.33	6928.35	4 - 19	Chinle/Alluvium Interface
MKTF-04R	10/03/22	4.00	19.20	10.25	0.03	10.28	6,928.21	6928.23	4 - 19	Chinle/Alluvium Interface
MKTF-04R	11/02/22	4.00	19.20	10.23	0.03	10.26	6,928.23	6928.25	4 - 19	Chinle/Alluvium Interface
MKTF-04R	12/06/22	4.00	19.20	10.03	0.05	10.08	6,928.41	6928.45	4 - 19	Chinle/Alluvium Interface
MKTF-04R	01/30/23	4.00	19.20	9.99	0.06	10.05	6,928.44	6928.49	4 - 19	Chinle/Alluvium Interface
MKTF-04R	02/28/23	4.00	19.20	9.92	0.08	10.00	6,928.49	6928.55	4 - 19	Chinle/Alluvium Interface
MKTF-04R	03/31/23	4.00	19.20	9.80	0.49	10.29	6,928.20	6928.59	4 - 19	Chinle/Alluvium Interface
MKTF-04R	04/12/23	4.00	19.20	8.81	0.01	8.82	6,929.67	6929.68	4 - 19	Chinle/Alluvium Interface
MKTF-04R	05/15/23	4.00	19.20	8.83	0.01	8.84	6,929.65	6929.66	4 - 19	Chinle/Alluvium Interface
MKTF-04R	06/01/23	4.00	19.20	8.71	0.02	8.73	6,929.76	6929.78	4 - 19	Chinle/Alluvium Interface
MKTF-04R	07/24/23	4.00	19.20	8.68	0.02	8.70	6,929.79	6929.81	4 - 19	Chinle/Alluvium Interface
MKTF-04R	08/18/23	4.00	19.20	ND	NA	10.44	6,928.05	NA	4 - 19	Chinle/Alluvium Interface
MKTF-04R	09/06/23	4.00	19.20	ND	NA	10.49	6,928.00	NA	4 - 19	Chinle/Alluvium Interface
MKTF-04R	10/25/23	4.00	19.20	ND	NA	12.13	6,926.36	NA	4 - 19	Chinle/Alluvium Interface
MKTF-04R	11/14/23	4.00	19.20	ND	NA	12.17	6,926.32	NA	4 - 19	Chinle/Alluvium Interface
MKTF-04R	12/01/23	4.00	19.20	ND	NA	12.21	6,926.28	NA	4 - 19	Chinle/Alluvium Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-05	06/01/21	4.00	17.77	12.15	0.08	12.23	6,927.26	6927.32	4 - 14	Chinle/Alluvium Interface
MKTF-05	07/06/21	4.00	17.77	12.69	0.26	12.95	6,926.54	6926.75	4 - 14	Chinle/Alluvium Interface
MKTF-05	08/25/21	4.00	17.77	11.77	0.60	12.37	6,927.12	6927.60	4 - 14	Chinle/Alluvium Interface
MKTF-05	09/07/21	4.00	17.77	11.54	1.07	12.61	6,926.88	6927.74	4 - 14	Chinle/Alluvium Interface
MKTF-05	10/27/21	4.00	17.77	11.37	0.55	11.92	6,927.57	6928.01	4 - 14	Chinle/Alluvium Interface
MKTF-05	11/02/21	4.00	17.77	11.52	0.56	12.08	6,927.41	6927.86	4 - 14	Chinle/Alluvium Interface
MKTF-05	12/03/21	4.00	17.77	11.77	0.60	12.37	6,927.12	6927.60	4 - 14	Chinle/Alluvium Interface
MKTF-05	01/10/22	4.00	17.77	11.37	0.21	11.58	6,927.91	6928.08	4 - 14	Chinle/Alluvium Interface
MKTF-05	02/28/22	4.00	17.77	11.77	0.60	12.37	6,927.12	6927.60	4 - 14	Chinle/Alluvium Interface
MKTF-05	03/02/22	4.00	17.75	11.71	0.64	12.35	6,927.14	6927.65	4 - 14	Chinle/Alluvium Interface
MKTF-05	04/27/22	4.00	17.75	12.63	0.08	12.71	6,926.78	6926.84	4 - 14	Chinle/Alluvium Interface
MKTF-05	05/03/22	4.00	17.75	12.67	0.05	12.72	6,926.77	6926.81	4 - 14	Chinle/Alluvium Interface
MKTF-05	06/01/22	4.00	17.75	13.05	0.08	13.13	6,926.36	6926.42	4 - 14	Chinle/Alluvium Interface
MKTF-05	07/06/22	4.00	17.75	11.95	0.15	12.10	6,927.39	6927.51	4 - 14	Chinle/Alluvium Interface
MKTF-05	08/08/22	4.00	17.75	11.15	1.48	12.63	6,926.86	6928.04	4 - 14	Chinle/Alluvium Interface
MKTF-05	09/01/22	4.00	17.75	11.64	1.69	13.33	6,926.16	6927.51	4 - 14	Chinle/Alluvium Interface
MKTF-05	10/03/22	4.00	17.75	11.64	1.26	12.90	6,926.59	6927.60	4 - 14	Chinle/Alluvium Interface
MKTF-05	11/02/22	4.00	17.75	11.67	1.20	12.87	6,926.62	6927.58	4 - 14	Chinle/Alluvium Interface
MKTF-05	12/09/22	4.00	17.75	12.50	0.53	13.03	6,926.46	6926.88	4 - 14	Chinle/Alluvium Interface
MKTF-05	1/30/2023	4.00	17.75	12.52	0.50	13.02	6,926.47	6926.87	4 - 14	Chinle/Alluvium Interface
MKTF-05	2/28/2023	4.00	17.75	12.25	0.42	12.67	6,926.82	6927.16	4 - 14	Chinle/Alluvium Interface
MKTF-05	3/31/2023	4.00	17.75	11.59	1.70	13.29	6,926.20	6927.56	4 - 14	Chinle/Alluvium Interface
MKTF-05	4/12/2023	4.00	17.75	11.53	0.42	11.95	6,927.54	6927.88	4 - 14	Chinle/Alluvium Interface
MKTF-05	5/15/2023	4.00	17.75	11.54	0.43	11.97	6,927.52	6927.86	4 - 14	Chinle/Alluvium Interface
MKTF-05	6/1/2023	4.00	17.75	11.41	0.44	11.85	6,927.64	6927.99	4 - 14	Chinle/Alluvium Interface
MKTF-05	7/19/2023	4.00	17.75	13.11	0.18	13.29	6,926.20	6926.34	4 - 14	Chinle/Alluvium Interface
MKTF-05	8/21/2023	4.00	17.75	12.42	0.45	12.87	6,926.62	6926.98	4 - 14	Chinle/Alluvium Interface
MKTF-05	9/6/2023	4.00	17.75	12.44	0.41	12.85	6,926.64	6926.97	4 - 14	Chinle/Alluvium Interface
MKTF-05	10/25/2023	4.00	17.75	13.18	0.71	13.89	6,925.60	6926.17	4 - 14	Chinle/Alluvium Interface
MKTF-05	11/14/2023	4.00	17.75	13.35	0.75	14.10	6,925.39	6925.99	4 - 14	Chinle/Alluvium Interface
MKTF-05	12/12/2023	4.00	17.75	12.85	0.23	13.08	6,926.41	6926.59	4 - 14	Chinle/Alluvium Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-06	06/01/21	4.00	23.85	15.52	0.16	15.68	6,928.56	6928.69	8 - 20	Chinle/Alluvium Interface
MKTF-06	07/06/21	4.00	23.85	15.98	0.52	16.50	6,927.74	6928.16	8 - 20	Chinle/Alluvium Interface
MKTF-06	08/26/21	4.00	23.85	15.18	0.85	16.03	6,928.21	6928.89	8 - 20	Chinle/Alluvium Interface
MKTF-06	09/07/21	4.00	23.85	15.41	0.68	16.09	6,928.15	6928.69	8 - 20	Chinle/Alluvium Interface
MKTF-06	10/27/21	4.00	23.85	14.78	1.32	16.10	6,928.14	6929.20	8 - 20	Chinle/Alluvium Interface
MKTF-06	11/17/21	4.00	23.85	14.87	1.21	16.08	6,928.16	6929.13	8 - 20	Chinle/Alluvium Interface
MKTF-06	12/03/21	4.00	23.85	15.44	0.95	16.39	6,927.85	6928.61	8 - 20	Chinle/Alluvium Interface
MKTF-06	01/10/22	4.00	23.85	14.93	0.03	14.96	6,929.28	6929.30	8 - 20	Chinle/Alluvium Interface
MKTF-06	02/28/22	4.00	23.85	15.18	0.69	15.87	6,928.37	6928.92	8 - 20	Chinle/Alluvium Interface
MKTF-06	03/02/22	4.00	23.85	15.43	0.95	16.38	6,927.86	6928.62	8 - 20	Chinle/Alluvium Interface
MKTF-06	04/27/22	4.00	23.85	15.96	1.22	17.18	6,927.06	6928.04	8 - 20	Chinle/Alluvium Interface
MKTF-06	05/03/22	4.00	23.85	16.06	1.26	17.32	6,926.92	6927.93	8 - 20	Chinle/Alluvium Interface
MKTF-06	06/01/22	4.00	23.86	16.23	1.30	17.53	6,926.71	6927.75	8 - 20	Chinle/Alluvium Interface
MKTF-06	07/06/22	4.00	23.86	14.63	1.85	16.48	6,927.76	6929.24	8 - 20	Chinle/Alluvium Interface
MKTF-06	08/08/22	4.00	23.87	14.87	1.82	16.69	6,927.55	6929.01	8 - 20	Chinle/Alluvium Interface
MKTF-06	09/01/22	4.00	23.87	15.93	1.23	17.16	6,927.08	6928.06	8 - 20	Chinle/Alluvium Interface
MKTF-06	10/03/22	4.00	23.88	15.97	1.27	17.24	6,927.00	6928.02	8 - 20	Chinle/Alluvium Interface
MKTF-06	11/02/22	4.00	23.88	15.99	1.27	17.26	6,926.98	6928.00	8 - 20	Chinle/Alluvium Interface
MKTF-06	12/06/22	4.00	23.89	14.98	1.33	16.31	6,927.93	6928.99	8 - 20	Chinle/Alluvium Interface
MKTF-06	01/30/23	4.00	23.88	14.96	1.32	16.28	6,927.96	6929.02	8 - 20	Chinle/Alluvium Interface
MKTF-06	02/28/23	4.00	23.88	14.93	1.25	16.18	6,928.06	6929.06	8 - 20	Chinle/Alluvium Interface
MKTF-06	03/31/23	4.00	23.89	15.75	1.18	16.93	6,927.31	6928.25	8 - 20	Chinle/Alluvium Interface
MKTF-06	04/12/23	4.00	23.88	14.63	1.51	16.14	6,928.10	6929.31	8 - 20	Chinle/Alluvium Interface
MKTF-06	05/15/23	4.00	23.88	14.61	1.47	16.08	6,928.16	6929.34	8 - 20	Chinle/Alluvium Interface
MKTF-06	06/01/23	4.00	23.89	14.66	1.46	16.12	6,928.12	6929.29	8 - 20	Chinle/Alluvium Interface
MKTF-06	07/18/23	4.00	23.88	16.38	1.17	17.55	6,926.69	6927.63	8 - 20	Chinle/Alluvium Interface
MKTF-06	08/21/23	4.00	23.88	17.13	0.10	17.23	6,927.01	6927.09	8 - 20	Chinle/Alluvium Interface
MKTF-06	09/06/23	4.00	23.89	17.09	0.09	17.18	6,927.06	6927.13	8 - 20	Chinle/Alluvium Interface
MKTF-06	10/25/23	4.00	23.89	16.73	1.70	18.43	6,925.81	6927.17	8 - 20	Chinle/Alluvium Interface
MKTF-06	11/14/23	4.00	23.89	16.76	1.60	18.36	6,925.88	6927.16	8 - 20	Chinle/Alluvium Interface
MKTF-06	12/13/23	4.00	23.89	16.51	1.23	17.74	6,926.50	6927.48	8 - 20	Chinle/Alluvium Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-07	06/01/21	4.00	17.86	10.74	0.11	10.85	6,933.55	6933.64	4 - 14	Chinle/Alluvium Interface
MKTF-07	07/06/21	4.00	17.86	10.57	0.34	10.91	6,933.49	6933.76	4 - 14	Chinle/Alluvium Interface
MKTF-07	08/02/21	4.00	17.86	10.61	0.46	11.07	6,933.33	6933.70	4 - 14	Chinle/Alluvium Interface
MKTF-07	09/07/21	4.00	17.86	10.48	0.42	10.90	6,933.50	6933.84	4 - 14	Chinle/Alluvium Interface
MKTF-07	10/27/21	4.00	17.86	10.67	0.19	10.86	6,933.54	6933.69	4 - 14	Chinle/Alluvium Interface
MKTF-07	11/02/21	4.00	17.86	10.68	0.19	10.87	6,933.53	6933.68	4 - 14	Chinle/Alluvium Interface
MKTF-07	12/03/21	4.00	17.86	11.11	0.14	11.25	6,933.15	6933.26	4 - 14	Chinle/Alluvium Interface
MKTF-07	01/10/22	4.00	17.86	11.69	0.04	11.73	6,932.67	6932.70	4 - 14	Chinle/Alluvium Interface
MKTF-07	02/28/22	4.00	17.86	ND	NA	11.33	6,933.07	NA	4 - 14	Chinle/Alluvium Interface
MKTF-07	03/02/22	4.00	17.86	11.14	0.08	11.22	6,933.18	6933.24	4 - 14	Chinle/Alluvium Interface
MKTF-07	04/27/22	4.00	17.86	12.05	0.03	12.08	6,932.32	6932.34	4 - 14	Chinle/Alluvium Interface
MKTF-07	05/03/22	4.00	17.86	12.12	0.03	12.15	6,932.25	6932.27	4 - 14	Chinle/Alluvium Interface
MKTF-07	06/01/22	4.00	17.85	12.34	0.03	12.37	6,932.03	6932.05	4 - 14	Chinle/Alluvium Interface
MKTF-07	07/06/22	4.00	17.85	12.30	0.03	12.33	6,932.07	6932.09	4 - 14	Chinle/Alluvium Interface
MKTF-07	08/08/22	4.00	17.85	12.02	0.05	12.07	6,932.33	6932.37	4 - 14	Chinle/Alluvium Interface
MKTF-07	09/01/22	4.00	17.85	11.98	0.12	12.10	6,932.30	6932.40	4 - 14	Chinle/Alluvium Interface
MKTF-07	10/03/22	4.00	17.85	11.92	0.55	12.47	6,931.93	6932.37	4 - 14	Chinle/Alluvium Interface
MKTF-07	11/02/22	4.00	17.85	11.97	0.46	12.43	6,931.97	6932.34	4 - 14	Chinle/Alluvium Interface
MKTF-07	12/09/22	4.00	17.85	12.28	0.35	12.63	6,931.77	6932.05	4 - 14	Chinle/Alluvium Interface
MKTF-07	01/30/23	4.00	17.85	12.31	0.34	12.65	6,931.75	6932.02	4 - 14	Chinle/Alluvium Interface
MKTF-07	02/28/23	4.00	17.85	12.37	0.24	12.61	6,931.79	6931.98	4 - 14	Chinle/Alluvium Interface
MKTF-07	03/31/23	4.00	17.85	11.75	0.13	11.88	6,932.52	6932.62	4 - 14	Chinle/Alluvium Interface
MKTF-07	04/12/23	4.00	17.85	11.39	0.03	11.42	6,932.98	6933.00	4 - 14	Chinle/Alluvium Interface
MKTF-07	05/16/23	4.00	17.85	11.74	0.28	12.02	6,932.38	6932.60	4 - 14	Chinle/Alluvium Interface
MKTF-07	06/01/23	4.00	17.85	11.82	0.30	12.12	6,932.28	6932.52	4 - 14	Chinle/Alluvium Interface
MKTF-07	07/18/23	4.00	17.85	12.12	0.10	12.22	6,932.18	6932.26	4 - 14	Chinle/Alluvium Interface
MKTF-07	08/21/23	4.00	17.85	12.17	0.05	12.22	6,932.18	6932.22	4 - 14	Chinle/Alluvium Interface
MKTF-07	09/06/23	4.00	17.85	12.15	0.08	12.23	6,932.17	6932.23	4 - 14	Chinle/Alluvium Interface
MKTF-07	10/25/23	4.00	17.85	12.62	0.28	12.90	6,931.50	6931.72	4 - 14	Chinle/Alluvium Interface
MKTF-07	11/14/23	4.00	17.85	12.59	0.28	12.87	6,931.53	6931.75	4 - 14	Chinle/Alluvium Interface
MKTF-07	12/13/23	4.00	17.85	12.61	0.13	12.74	6,931.66	6931.76	4 - 14	Chinle/Alluvium Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-08	06/01/21	4.00	22.00	11.64	0.08	11.72	6,932.30	6932.36	8 - 18	Chinle/Alluvium Interface
MKTF-08	07/06/21	4.00	22.00	11.90	0.36	12.26	6,931.76	6932.05	8 - 18	Chinle/Alluvium Interface
MKTF-08	08/02/21	4.00	22.00	11.86	0.16	12.02	6,932.00	6932.13	8 - 18	Chinle/Alluvium Interface
MKTF-08	09/07/21	4.00	22.00	11.70	0.22	11.92	6,932.10	6932.28	8 - 18	Chinle/Alluvium Interface
MKTF-08	10/27/21	4.00	22.00	11.68	0.35	12.03	6,931.99	6932.27	8 - 18	Chinle/Alluvium Interface
MKTF-08	11/02/21	4.00	22.00	11.66	0.48	12.14	6,931.88	6932.26	8 - 18	Chinle/Alluvium Interface
MKTF-08	12/03/21	4.00	22.00	11.96	0.34	12.30	6,931.72	6931.99	8 - 18	Chinle/Alluvium Interface
MKTF-08	01/10/22	4.00	22.00	12.13	0.15	12.28	6,931.74	6931.86	8 - 18	Chinle/Alluvium Interface
MKTF-08	02/28/22	4.00	22.00	11.68	0.05	11.73	6,932.29	6932.33	8 - 18	Chinle/Alluvium Interface
MKTF-08	03/02/22	4.00	22.00	11.93	0.33	12.26	6,931.76	6932.02	8 - 18	Chinle/Alluvium Interface
MKTF-08	04/27/22	4.00	22.00	12.64	0.29	12.93	6,931.09	6931.32	8 - 18	Chinle/Alluvium Interface
MKTF-08	05/03/22	4.00	22.00	12.71	0.38	13.09	6,930.93	6931.23	8 - 18	Chinle/Alluvium Interface
MKTF-08	06/01/22	4.00	22.03	12.83	0.78	13.61	6,930.41	6931.03	8 - 18	Chinle/Alluvium Interface
MKTF-08	07/06/22	4.00	22.03	12.69	0.39	13.08	6,930.94	6931.25	8 - 18	Chinle/Alluvium Interface
MKTF-08	08/08/22	4.00	22.03	12.40	0.68	13.08	6,930.94	6931.48	8 - 18	Chinle/Alluvium Interface
MKTF-08	09/01/22	4.00	22.03	12.29	1.42	13.71	6,930.31	6931.45	8 - 18	Chinle/Alluvium Interface
MKTF-08	10/03/22	4.00	22.03	11.87	3.44	15.31	6,928.71	6931.46	8 - 18	Chinle/Alluvium Interface
MKTF-08	11/02/22	4.00	22.03	11.88	3.43	15.31	6,928.71	6931.45	8 - 18	Chinle/Alluvium Interface
MKTF-08	12/06/22	4.00	22.03	12.24	3.00	15.24	6,928.78	6931.18	8 - 18	Chinle/Alluvium Interface
MKTF-08	01/30/23	4.00	22.03	12.23	3.00	15.23	6,928.79	6931.19	8 - 18	Chinle/Alluvium Interface
MKTF-08	02/28/23	4.00	22.03	12.18	2.93	15.11	6,928.91	6931.25	8 - 18	Chinle/Alluvium Interface
MKTF-08	03/31/23	4.00	22.03	12.03	1.36	13.39	6,930.63	6931.72	8 - 18	Chinle/Alluvium Interface
MKTF-08	04/12/23	4.00	22.03	ND	NA	11.47	6,932.55	NA	8 - 18	Chinle/Alluvium Interface
MKTF-08	05/16/23	4.00	22.03	12.23	0.15	12.38	6,931.64	6931.76	8 - 18	Chinle/Alluvium Interface
MKTF-08	06/01/23	4.00	22.03	12.16	0.17	12.33	6,931.69	6931.83	8 - 18	Chinle/Alluvium Interface
MKTF-08	07/18/23	4.00	22.03	12.83	1.14	13.97	6,930.05	6930.96	8 - 18	Chinle/Alluvium Interface
MKTF-08	08/21/23	4.00	22.03	12.93	0.95	13.88	6,930.14	6930.90	8 - 18	Chinle/Alluvium Interface
MKTF-08	09/06/23	4.00	22.03	12.91	0.93	13.84	6,930.18	6930.92	8 - 18	Chinle/Alluvium Interface
MKTF-08	10/25/23	4.00	22.03	13.39	0.94	14.33	6,929.69	6930.44	8 - 18	Chinle/Alluvium Interface
MKTF-08	11/14/23	4.00	22.03	13.29	0.79	14.08	6,929.94	6930.57	8 - 18	Chinle/Alluvium Interface
MKTF-08	12/13/23	4.00	22.03	13.22	0.47	13.69	6,930.33	6930.71	8 - 18	Chinle/Alluvium Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-09	06/01/21	4.00	22.70	11.99	0.03	12.02	6,931.55	6931.57	7 - 19	Chinle/Alluvium Interface
MKTF-09	07/06/21	4.00	22.70	12.27	0.02	12.29	6,931.28	6931.30	7 - 19	Chinle/Alluvium Interface
MKTF-09	08/26/21	4.00	22.70	12.18	0.04	12.22	6,931.35	6931.38	7 - 19	Chinle/Alluvium Interface
MKTF-09	09/07/21	4.00	22.70	12.25	0.03	12.28	6,931.29	6931.31	7 - 19	Chinle/Alluvium Interface
MKTF-09	10/27/21	4.00	22.70	ND	NA	12.07	6,931.50	NA	7 - 19	Chinle/Alluvium Interface
MKTF-09	11/17/21	4.00	22.70	ND	NA	12.14	6,931.43	NA	7 - 19	Chinle/Alluvium Interface
MKTF-09	12/03/21	4.00	22.70	12.16	0.04	12.20	6,931.37	6931.40	7 - 19	Chinle/Alluvium Interface
MKTF-09	01/10/22	4.00	22.70	12.35	0.03	12.38	6,931.19	6931.21	7 - 19	Chinle/Alluvium Interface
MKTF-09	02/28/22	4.00	22.70	12.19	0.16	12.35	6,931.22	6931.35	7 - 19	Chinle/Alluvium Interface
MKTF-09	03/02/22	4.00	22.70	12.18	0.04	12.22	6,931.35	6931.38	7 - 19	Chinle/Alluvium Interface
MKTF-09	04/27/22	4.00	22.70	ND	NA	13.12	6,930.45	NA	7 - 19	Chinle/Alluvium Interface
MKTF-09	05/05/22	4.00	22.70	ND	NA	13.08	6,930.49	NA	7 - 19	Chinle/Alluvium Interface
MKTF-09	06/01/22	4.00	22.70	12.20	0.03	12.23	6,931.34	6931.36	7 - 19	Chinle/Alluvium Interface
MKTF-09	07/06/22	4.00	22.70	12.84	0.03	12.87	6,930.70	6930.72	7 - 19	Chinle/Alluvium Interface
MKTF-09	08/08/22	4.00	22.70	13.09	0.03	13.12	6,930.45	6930.47	7 - 19	Chinle/Alluvium Interface
MKTF-09	09/01/22	4.00	22.70	12.27	0.04	12.31	6,931.26	6931.29	7 - 19	Chinle/Alluvium Interface
MKTF-09	10/03/22	4.00	22.70	12.22	0.05	12.27	6,931.30	6931.34	7 - 19	Chinle/Alluvium Interface
MKTF-09	11/02/22	4.00	22.70	12.19	0.07	12.26	6,931.31	6931.37	7 - 19	Chinle/Alluvium Interface
MKTF-09	12/06/22	4.00	22.70	12.39	0.08	12.47	6,931.10	6931.16	7 - 19	Chinle/Alluvium Interface
MKTF-09	01/30/23	4.00	22.70	12.42	0.07	12.49	6,931.08	6931.14	7 - 19	Chinle/Alluvium Interface
MKTF-09	02/28/23	4.00	22.70	12.38	0.09	12.47	6,931.10	6931.17	7 - 19	Chinle/Alluvium Interface
MKTF-09	03/31/23	4.00	22.70	12.09	0.06	12.15	6,931.42	6931.47	7 - 19	Chinle/Alluvium Interface
MKTF-09	04/12/23	4.00	22.70	ND	NA	11.41	6,932.16	NA	7 - 19	Chinle/Alluvium Interface
MKTF-09	05/16/23	4.00	22.70	ND	NA	11.42	6,932.15	NA	7 - 19	Chinle/Alluvium Interface
MKTF-09	06/01/23	4.00	22.70	ND	NA	12.77	6,930.80	NA	7 - 19	Chinle/Alluvium Interface
MKTF-09	07/24/23	4.00	22.70	ND	NA	12.95	6,930.62	NA	7 - 19	Chinle/Alluvium Interface
MKTF-09	08/21/23	4.00	22.70	ND	NA	13.49	6,930.08	NA	7 - 19	Chinle/Alluvium Interface
MKTF-09	09/06/23	4.00	22.70	ND	NA	13.47	6,930.10	NA	7 - 19	Chinle/Alluvium Interface
MKTF-09	10/25/23	4.00	22.70	ND	NA	6.83	6,936.74	NA	7 - 19	Chinle/Alluvium Interface
MKTF-09	11/14/23	4.00	22.70	ND	NA	13.87	6,929.70	NA	7 - 19	Chinle/Alluvium Interface
MKTF-09	12/01/23	4.00	22.70	ND	NA	13.84	6,929.73	NA	7 - 19	Chinle/Alluvium Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-10	06/01/21	4.00	16.50	ND	NA	8.04	6,929.47	NA	7 - 17	Chinle/Alluvium Interface
MKTF-10	07/06/21	4.00	16.50	ND	NA	8.79	6,928.72	NA	7 - 17	Chinle/Alluvium Interface
MKTF-10	08/26/21	4.00	16.50	ND	NA	8.45	6,929.06	NA	7 - 17	Chinle/Alluvium Interface
MKTF-10	09/09/21	4.00	16.50	ND	NA	8.55	6,928.96	NA	7 - 17	Chinle/Alluvium Interface
MKTF-10	10/27/21	4.00	16.50	ND	NA	8.35	6,929.16	NA	7 - 17	Chinle/Alluvium Interface
MKTF-10	11/17/21	4.00	16.50	ND	NA	8.49	6,929.02	NA	7 - 17	Chinle/Alluvium Interface
MKTF-10	12/15/21	4.00	16.60	ND	NA	8.69	6,928.82	NA	7 - 17	Chinle/Alluvium Interface
MKTF-10	01/10/22	4.00	16.60	ND	NA	10.06	6,927.45	NA	7 - 17	Chinle/Alluvium Interface
MKTF-10	02/28/22	4.00	16.60	ND	NA	9.90	6,927.61	NA	7 - 17	Chinle/Alluvium Interface
MKTF-10	03/01/22	4.00	16.61	ND	NA	8.65	6,928.86	NA	7 - 17	Chinle/Alluvium Interface
MKTF-10	04/27/22	4.00	16.61	ND	NA	9.22	6,928.29	NA	7 - 17	Chinle/Alluvium Interface
MKTF-10	05/05/22	4.00	16.61	ND	NA	9.80	6,927.71	NA	7 - 17	Chinle/Alluvium Interface
MKTF-10	06/01/22	4.00	16.61	ND	NA	8.65	6,928.86	NA	7 - 17	Chinle/Alluvium Interface
MKTF-10	07/06/22	4.00	16.61	8.46	0.25	8.71	6,928.80	6929.00	7 - 17	Chinle/Alluvium Interface
MKTF-10	08/08/22	4.00	16.61	8.18	0.27	8.45	6,929.06	6929.28	7 - 17	Chinle/Alluvium Interface
MKTF-10	09/01/22	4.00	16.61	8.44	0.12	8.56	6,928.95	6929.05	7 - 17	Chinle/Alluvium Interface
MKTF-10	10/03/22	4.00	16.61	8.48	0.12	8.60	6,928.91	6929.01	7 - 17	Chinle/Alluvium Interface
MKTF-10	11/02/22	4.00	16.61	8.50	0.08	8.58	6,928.93	6928.99	7 - 17	Chinle/Alluvium Interface
MKTF-10	12/06/22	4.00	16.61	8.55	0.09	8.64	6,928.87	6928.94	7 - 17	Chinle/Alluvium Interface
MKTF-10	01/30/23	4.00	16.61	8.53	0.12	8.65	6,928.86	6928.96	7 - 17	Chinle/Alluvium Interface
MKTF-10	02/28/23	4.00	16.61	8.58	0.12	8.70	6,928.81	6928.91	7 - 17	Chinle/Alluvium Interface
MKTF-10	03/31/23	4.00	16.61	8.33	0.12	8.45	6,929.06	6929.16	7 - 17	Chinle/Alluvium Interface
MKTF-10	04/12/23	4.00	16.61	8.33	3.35	11.68	6,925.83	6928.51	7 - 17	Chinle/Alluvium Interface
MKTF-10	05/16/23	4.00	16.61	8.35	3.35	11.70	6,925.81	6928.49	7 - 17	Chinle/Alluvium Interface
MKTF-10	06/01/23	4.00	16.61	8.38	3.27	11.65	6,925.86	6928.48	7 - 17	Chinle/Alluvium Interface
MKTF-10	07/24/23	4.00	16.61	8.44	3.13	11.57	6,925.94	6928.44	7 - 17	Chinle/Alluvium Interface
MKTF-10	08/18/23	4.00	16.61	9.77	7.08	16.85	6,920.66	6926.32	7 - 17	Chinle/Alluvium Interface
MKTF-10	09/06/23	4.00	16.61	9.76	7.06	16.82	6,920.69	6926.34	7 - 17	Chinle/Alluvium Interface
MKTF-10	10/25/23	4.00	16.61	10.15	6.75	16.90	6,920.61	6926.01	7 - 17	Chinle/Alluvium Interface
MKTF-10	11/14/23	4.00	16.61	10.40	6.65	17.05	6,920.46	6925.78	7 - 17	Chinle/Alluvium Interface
MKTF-10	12/12/23	4.00	16.61	11.83	3.82	15.65	6,921.86	6924.92	7 - 17	Chinle/Alluvium Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-11	06/01/21	4.00	18.53	ND	NA	7.83	6,923.78	NA	8 - 18	Chinle/Alluvium Interface
MKTF-11	07/06/21	4.00	18.53	ND	NA	8.57	6,923.04	NA	8 - 18	Chinle/Alluvium Interface
MKTF-11	08/26/21	4.00	18.53	ND	NA	8.45	6,923.16	NA	8 - 18	Chinle/Alluvium Interface
MKTF-11	09/09/21	4.00	18.53	ND	NA	8.86	6,922.75	NA	8 - 18	Chinle/Alluvium Interface
MKTF-11	10/27/21	4.00	18.53	ND	NA	8.42	6,923.19	NA	8 - 18	Chinle/Alluvium Interface
MKTF-11	11/17/21	4.00	18.53	ND	NA	8.46	6,923.15	NA	8 - 18	Chinle/Alluvium Interface
MKTF-11	12/15/21	4.00	18.53	ND	NA	8.69	6,922.92	NA	8 - 18	Chinle/Alluvium Interface
MKTF-11	01/10/22	4.00	18.53	ND	NA	8.79	6,922.82	NA	8 - 18	Chinle/Alluvium Interface
MKTF-11	02/28/22	4.00	18.53	ND	NA	8.71	6,922.90	NA	8 - 18	Chinle/Alluvium Interface
MKTF-11	03/02/22	4.00	18.53	ND	NA	8.11	6,923.50	NA	8 - 18	Chinle/Alluvium Interface
MKTF-11	04/27/22	4.00	18.53	ND	NA	8.55	6,923.06	NA	8 - 18	Chinle/Alluvium Interface
MKTF-11	05/05/22	4.00	18.53	ND	NA	8.71	6,922.90	NA	8 - 18	Chinle/Alluvium Interface
MKTF-11	06/01/22	4.00	18.50	ND	NA	9.07	6,922.54	NA	8 - 18	Chinle/Alluvium Interface
MKTF-11	07/06/22	4.00	18.49	ND	NA	8.80	6,922.81	NA	8 - 18	Chinle/Alluvium Interface
MKTF-11	08/08/22	4.00	18.48	ND	NA	9.23	6,922.38	NA	8 - 18	Chinle/Alluvium Interface
MKTF-11	09/01/22	4.00	18.46	ND	NA	8.96	6,922.65	NA	8 - 18	Chinle/Alluvium Interface
MKTF-11	10/03/22	4.00	18.45	ND	NA	9.01	6,922.60	NA	8 - 18	Chinle/Alluvium Interface
MKTF-11	11/02/22	4.00	18.43	ND	NA	9.01	6,922.60	NA	8 - 18	Chinle/Alluvium Interface
MKTF-11	12/06/22	4.00	18.42	9.04	0.05	9.09	6,922.52	6922.56	8 - 18	Chinle/Alluvium Interface
MKTF-11	1/30/2023	4.00	18.45	9.07	0.04	9.11	6,922.50	6922.53	8 - 18	Chinle/Alluvium Interface
MKTF-11	2/28/2023	4.00	18.43	9.04	0.04	9.08	6,922.53	6922.56	8 - 18	Chinle/Alluvium Interface
MKTF-11	3/31/2023	4.00	18.42	8.87	0.05	8.92	6,922.69	6922.73	8 - 18	Chinle/Alluvium Interface
MKTF-11	4/12/2023	4.00	18.45	8.38	0.01	8.39	6,923.22	6923.23	8 - 18	Chinle/Alluvium Interface
MKTF-11	5/16/2023	4.00	18.43	8.37	0.03	8.40	6,923.21	6923.23	8 - 18	Chinle/Alluvium Interface
MKTF-11	6/1/2023	4.00	18.42	8.35	0.02	8.37	6,923.24	6923.26	8 - 18	Chinle/Alluvium Interface
MKTF-11	7/24/2023	4.00	18.45	8.25	0.03	8.28	6,923.33	6923.35	8 - 18	Chinle/Alluvium Interface
MKTF-11	8/18/2023	4.00	18.43	ND	NA	9.47	6,922.14	NA	8 - 18	Chinle/Alluvium Interface
MKTF-11	9/6/2023	4.00	18.42	ND	NA	9.44	6,922.17	NA	8 - 18	Chinle/Alluvium Interface
MKTF-11	10/25/2023	4.00	18.42	ND	NA	10.33	6,921.28	NA	8 - 18	Chinle/Alluvium Interface
MKTF-11	11/14/2023	4.00	18.42	ND	NA	10.43	6,921.18	NA	8 - 18	Chinle/Alluvium Interface
MKTF-11	12/13/2023	4.00	18.42	ND	NA	10.21	6,921.40	NA	8 - 18	Chinle/Alluvium Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-12	06/01/21	4.00	25.85	16.62	0.05	16.67	6,923.03	6923.07	12 - 22	Chinle/Alluvium Interface
MKTF-12	07/06/21	4.00	25.85	16.57	0.05	16.62	6,923.08	6923.12	12 - 22	Chinle/Alluvium Interface
MKTF-12	08/26/21	4.00	25.85	16.71	0.10	16.81	6,922.89	6922.97	12 - 22	Chinle/Alluvium Interface
MKTF-12	09/09/21	4.00	25.85	16.60	0.08	16.68	6,923.02	6923.08	12 - 22	Chinle/Alluvium Interface
MKTF-12	10/27/21	4.00	25.85	16.59	0.03	16.62	6,923.08	6923.10	12 - 22	Chinle/Alluvium Interface
MKTF-12	11/17/21	4.00	25.85	16.57	0.10	16.67	6,923.03	6923.11	12 - 22	Chinle/Alluvium Interface
MKTF-12	12/03/21	4.00	25.85	16.68	0.11	16.79	6,922.91	6923.00	12 - 22	Chinle/Alluvium Interface
MKTF-12	01/10/22	4.00	25.85	16.48	0.21	16.69	6,923.01	6923.18	12 - 22	Chinle/Alluvium Interface
MKTF-12	02/28/22	4.00	25.85	16.71	0.08	16.79	6,922.91	6922.97	12 - 22	Chinle/Alluvium Interface
MKTF-12	03/02/22	4.00	25.88	16.71	0.07	16.78	6,922.92	6922.98	12 - 22	Chinle/Alluvium Interface
MKTF-12	04/27/22	4.00	25.88	17.09	0.05	17.14	6,922.56	6922.60	12 - 22	Chinle/Alluvium Interface
MKTF-12	05/05/22	4.00	25.88	16.92	0.08	17.00	6,922.70	6922.76	12 - 22	Chinle/Alluvium Interface
MKTF-12	06/01/22	4.00	25.90	16.79	0.07	16.86	6,922.84	6922.90	12 - 22	Chinle/Alluvium Interface
MKTF-12	07/06/22	4.00	25.92	14.40	0.08	14.48	6,925.22	6925.28	12 - 22	Chinle/Alluvium Interface
MKTF-12	08/08/22	4.00	25.94	15.47	0.07	15.54	6,924.16	6924.22	12 - 22	Chinle/Alluvium Interface
MKTF-12	09/01/22	4.00	25.96	17.02	0.07	17.09	6,922.61	6922.67	12 - 22	Chinle/Alluvium Interface
MKTF-12	10/03/22	4.00	25.98	17.19	0.15	17.34	6,922.36	6922.48	12 - 22	Chinle/Alluvium Interface
MKTF-12	11/02/22	4.00	26.00	17.22	0.13	17.35	6,922.35	6922.45	12 - 22	Chinle/Alluvium Interface
MKTF-12	12/06/22	4.00	26.02	17.54	0.16	17.70	6,922.00	6922.13	12 - 22	Chinle/Alluvium Interface
MKTF-12	01/30/23	4.00	25.98	17.62	0.11	17.73	6,921.97	6922.06	12 - 22	Chinle/Alluvium Interface
MKTF-12	02/28/23	4.00	26.00	17.57	0.11	17.68	6,922.02	6922.11	12 - 22	Chinle/Alluvium Interface
MKTF-12	03/06/23	4.00	26.02	16.64	0.05	16.69	6,923.01	6923.05	12 - 22	Chinle/Alluvium Interface
MKTF-12	4/12/2023	4.00	25.98	16.00	0.04	16.04	6,923.66	6923.69	12 - 22	Chinle/Alluvium Interface
MKTF-12	05/15/23	4.00	26.00	16.80	0.07	16.87	6,922.83	6922.89	12 - 22	Chinle/Alluvium Interface
MKTF-12	06/01/23	4.00	26.02	17.11	0.10	17.21	6,922.49	6922.57	12 - 22	Chinle/Alluvium Interface
MKTF-12	07/24/23	4.00	26.02	17.09	0.08	17.17	6,922.53	6922.59	12 - 22	Chinle/Alluvium Interface
MKTF-12	08/22/23	4.00	26.02	16.99	0.07	17.06	6,922.64	6922.70	12 - 22	Chinle/Alluvium Interface
MKTF-12	09/06/23	4.00	26.02	17.02	0.07	17.09	6,922.61	6922.67	12 - 22	Chinle/Alluvium Interface
MKTF-12	10/25/23	4.00	26.02	16.93	0.15	17.08	6,922.62	6922.74	12 - 22	Chinle/Alluvium Interface
MKTF-12	11/13/23	4.00	26.02	18.52	0.10	18.62	6,921.08	6921.16	12 - 22	Chinle/Alluvium Interface
MKTF-12	12/13/23	4.00	26.02	17.77	0.70	18.47	6,921.23	6921.79	12 - 22	Chinle/Alluvium Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-13	06/01/21	4.00	21.75	10.42	3.74	14.16	6,919.51	6922.50	8 - 18	Chinle/Alluvium Interface
MKTF-13	07/06/21	4.00	21.75	12.34	3.65	15.99	6,917.68	6920.60	8 - 18	Chinle/Alluvium Interface
MKTF-13	08/09/21	4.00	21.75	11.29	4.38	15.67	6,918.00	6921.50	8 - 18	Chinle/Alluvium Interface
MKTF-13	09/07/21	4.00	21.75	11.49	3.60	15.09	6,918.58	6921.46	8 - 18	Chinle/Alluvium Interface
MKTF-13	10/27/21	4.00	21.75	11.54	2.91	14.45	6,919.22	6921.55	8 - 18	Chinle/Alluvium Interface
MKTF-13	11/02/21	4.00	21.75	11.60	2.84	14.44	6,919.23	6921.50	8 - 18	Chinle/Alluvium Interface
MKTF-13	12/03/21	4.00	21.75	11.96	2.35	14.31	6,919.36	6921.24	8 - 18	Chinle/Alluvium Interface
MKTF-13	01/10/22	4.00	21.75	9.32	3.95	13.27	6,920.40	6923.56	8 - 18	Chinle/Alluvium Interface
MKTF-13	02/28/22	4.00	21.75	9.29	3.95	13.24	6,920.43	6923.59	8 - 18	Chinle/Alluvium Interface
MKTF-13	03/01/22	4.00	21.75	11.93	2.34	14.27	6,919.40	6921.27	8 - 18	Chinle/Alluvium Interface
MKTF-13	04/27/22	4.00	21.75	12.46	1.07	13.53	6,920.14	6921.00	8 - 18	Chinle/Alluvium Interface
MKTF-13	05/03/22	4.00	21.75	12.53	1.03	13.56	6,920.11	6920.93	8 - 18	Chinle/Alluvium Interface
MKTF-13	06/01/22	4.00	21.75	12.28	1.36	13.64	6,920.03	6921.12	8 - 18	Chinle/Alluvium Interface
MKTF-13	07/06/22	4.00	21.75	12.61	1.54	14.15	6,919.52	6920.75	8 - 18	Chinle/Alluvium Interface
MKTF-13	08/08/22	4.00	21.75	12.11	1.75	13.86	6,919.81	6921.21	8 - 18	Chinle/Alluvium Interface
MKTF-13	09/01/22	4.00	21.75	12.09	1.51	13.60	6,920.07	6921.28	8 - 18	Chinle/Alluvium Interface
MKTF-13	10/03/22	4.00	21.75	11.87	1.65	13.52	6,920.15	6921.47	8 - 18	Chinle/Alluvium Interface
MKTF-13	11/02/22	4.00	21.75	11.89	1.60	13.49	6,920.18	6921.46	8 - 18	Chinle/Alluvium Interface
MKTF-13	12/09/22	4.00	21.75	13.37	0.82	14.19	6,919.48	6920.14	8 - 18	Chinle/Alluvium Interface
MKTF-13	01/30/23	4.00	21.75	13.29	0.88	14.17	6,919.50	6920.20	8 - 18	Chinle/Alluvium Interface
MKTF-13	02/28/23	4.00	21.75	13.32	0.87	14.19	6,919.48	6920.18	8 - 18	Chinle/Alluvium Interface
MKTF-13	03/07/23	4.00	21.75	11.64	3.00	14.64	6,919.03	6921.43	8 - 18	Chinle/Alluvium Interface
MKTF-13	04/12/23	4.00	21.75	10.69	4.47	15.16	6,918.51	6922.09	8 - 18	Chinle/Alluvium Interface
MKTF-13	05/15/23	4.00	21.75	11.07	4.54	15.61	6,918.06	6921.69	8 - 18	Chinle/Alluvium Interface
MKTF-13	06/01/23	4.00	21.75	12.09	3.59	15.68	6,917.99	6920.86	8 - 18	Chinle/Alluvium Interface
MKTF-13	07/18/23	4.00	21.75	12.89	3.70	16.59	6,917.08	6920.04	8 - 18	Chinle/Alluvium Interface
MKTF-13	08/21/23	4.00	21.75	11.89	5.10	16.99	6,916.68	6920.76	8 - 18	Chinle/Alluvium Interface
MKTF-13	09/06/23	4.00	21.75	11.82	5.10	16.92	6,916.75	6920.83	8 - 18	Chinle/Alluvium Interface
MKTF-13	10/25/23	4.00	21.75	13.47	3.01	16.48	6,917.19	6919.60	8 - 18	Chinle/Alluvium Interface
MKTF-13	11/13/23	4.00	21.75	13.55	3.12	16.67	6,917.00	6919.50	8 - 18	Chinle/Alluvium Interface
MKTF-13	12/13/23	4.00	21.75	12.48	4.22	16.70	6,916.97	6920.35	8 - 18	Chinle/Alluvium Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-14	06/01/21	4.00	17.55	3.44	0.16	3.60	6,922.05	6922.18	4 - 14	Chinle/Alluvium Interface
MKTF-14	07/21/21	4.00	17.55	3.86	0.45	4.31	6,921.34	6921.70	4 - 14	Chinle/Alluvium Interface
MKTF-14	08/25/21	4.00	17.55	4.63	0.17	4.80	6,920.85	6920.99	4 - 14	Chinle/Alluvium Interface
MKTF-14	09/07/21	4.00	17.55	4.65	0.17	4.82	6,920.83	6920.97	4 - 14	Chinle/Alluvium Interface
MKTF-14	10/27/21	4.00	17.55	4.56	0.02	4.58	6,921.07	6921.09	4 - 14	Chinle/Alluvium Interface
MKTF-14	11/02/21	4.00	17.55	ND	NA	4.64	6,921.01	NA	4 - 14	Chinle/Alluvium Interface
MKTF-14	12/03/21	4.00	17.55	4.80	0.22	5.02	6,920.63	6920.81	4 - 14	Chinle/Alluvium Interface
MKTF-14	01/10/22	4.00	17.55	4.83	0.24	5.07	6,920.58	6920.77	4 - 14	Chinle/Alluvium Interface
MKTF-14	02/28/22	4.00	17.55	4.75	0.30	5.05	6,920.60	6920.84	4 - 14	Chinle/Alluvium Interface
MKTF-14	03/01/22	4.00	17.55	4.78	0.21	4.99	6,920.66	6920.83	4 - 14	Chinle/Alluvium Interface
MKTF-14	04/27/22	4.00	17.55	4.91	0.23	5.14	6,920.51	6920.69	4 - 14	Chinle/Alluvium Interface
MKTF-14	05/02/22	4.00	17.55	4.92	0.25	5.17	6,920.48	6920.68	4 - 14	Chinle/Alluvium Interface
MKTF-14	06/01/22	4.00	17.58	4.88	0.45	5.33	6,920.32	6920.68	4 - 14	Chinle/Alluvium Interface
MKTF-14	07/06/22	4.00	17.59	3.72	0.26	3.98	6,921.67	6921.88	4 - 14	Chinle/Alluvium Interface
MKTF-14	08/08/22	4.00	17.61	4.60	0.01	4.61	6,921.04	6921.05	4 - 14	Chinle/Alluvium Interface
MKTF-14	09/01/22	4.00	17.62	4.81	0.11	4.92	6,920.73	6920.82	4 - 14	Chinle/Alluvium Interface
MKTF-14	10/03/22	4.00	17.64	4.61	0.16	4.77	6,920.88	6921.01	4 - 14	Chinle/Alluvium Interface
MKTF-14	11/02/22	4.00	17.65	4.64	0.14	4.78	6,920.87	6920.98	4 - 14	Chinle/Alluvium Interface
MKTF-14	12/09/22	4.00	17.67	5.04	0.14	5.18	6,920.47	6920.58	4 - 14	Chinle/Alluvium Interface
MKTF-14	01/30/23	4.00	17.64	5.03	0.10	5.13	6,920.52	6920.60	4 - 14	Chinle/Alluvium Interface
MKTF-14	02/28/23	4.00	17.65	5.11	0.09	5.20	6,920.45	6920.52	4 - 14	Chinle/Alluvium Interface
MKTF-14	03/07/23	4.00	17.67	5.13	0.05	5.18	6,920.47	6920.51	4 - 14	Chinle/Alluvium Interface
MKTF-14	04/12/23	4.00	17.64	4.79	0.03	4.82	6,920.83	6920.85	4 - 14	Chinle/Alluvium Interface
MKTF-14	05/15/23	4.00	17.65	5.46	1.05	6.51	6,919.14	6919.98	4 - 14	Chinle/Alluvium Interface
MKTF-14	6/1/2023	4.00	17.67	5.56	0.41	5.97	6,919.68	6920.01	4 - 14	Chinle/Alluvium Interface
MKTF-14	7/18/2023	4.00	17.64	6.01	0.62	6.63	6,919.02	6919.52	4 - 14	Chinle/Alluvium Interface
MKTF-14	8/21/2023	4.00	17.65	5.43	1.00	6.43	6,919.22	6920.02	4 - 14	Chinle/Alluvium Interface
MKTF-14	9/6/2023	4.00	17.67	5.40	0.98	6.38	6,919.27	6920.05	4 - 14	Chinle/Alluvium Interface
MKTF-14	10/25/2023	4.00	17.67	6.47	0.58	7.05	6,918.60	6919.06	4 - 14	Chinle/Alluvium Interface
MKTF-14	11/13/2023	4.00	17.67	6.57	0.34	6.91	6,918.74	6919.01	4 - 14	Chinle/Alluvium Interface
MKTF-14	12/13/2023	4.00	17.67	5.83	0.42	6.25	6,919.40	6919.74	4 - 14	Chinle/Alluvium Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-15	06/01/21	2.00	19.53	13.69	0.04	13.73	6,930.01	6,930.04	9 - 19	Chinle/Alluvium Interface
MKTF-15	07/21/21	2.00	19.53	13.56	0.76	14.32	6,929.42	6,930.03	9 - 19	Chinle/Alluvium Interface
MKTF-15	08/25/21	2.00	19.53	13.66	0.75	14.41	6,929.33	6,929.93	9 - 19	Chinle/Alluvium Interface
MKTF-15	09/07/21	2.00	19.53	13.55	0.62	14.17	6,929.57	6,930.07	9 - 19	Chinle/Alluvium Interface
MKTF-15	10/27/21	2.00	19.53	13.61	0.45	14.06	6,929.68	6,930.04	9 - 19	Chinle/Alluvium Interface
MKTF-15	11/17/21	2.00	19.53	13.60	0.50	14.10	6,929.64	6,930.04	9 - 19	Chinle/Alluvium Interface
MKTF-15	12/03/21	2.00	19.53	13.53	0.69	14.22	6,929.52	6,930.07	9 - 19	Chinle/Alluvium Interface
MKTF-15	01/10/22	2.00	19.53	13.38	0.76	14.14	6,929.60	6,930.21	9 - 19	Chinle/Alluvium Interface
MKTF-15	02/28/22	2.00	19.53	13.38	0.75	14.13	6,929.61	6,930.21	9 - 19	Chinle/Alluvium Interface
MKTF-15	03/02/22	2.00	19.55	13.56	0.70	14.26	6,929.48	6,930.04	9 - 19	Chinle/Alluvium Interface
MKTF-15	04/27/22	2.00	19.55	13.66	1.95	15.61	6,928.13	6,929.69	9 - 19	Chinle/Alluvium Interface
MKTF-15	05/05/22	2.00	19.55	13.59	1.09	14.68	6,929.06	6,929.93	9 - 19	Chinle/Alluvium Interface
MKTF-15	06/01/22	2.00	19.61	13.47	0.64	14.11	6,929.63	6,930.14	9 - 19	Chinle/Alluvium Interface
MKTF-15	07/06/22	2.00	19.63	12.21	0.61	12.82	6,930.92	6,931.41	9 - 19	Chinle/Alluvium Interface
MKTF-15	08/08/22	2.00	19.66	12.59	0.57	13.16	6,930.58	6,931.04	9 - 19	Chinle/Alluvium Interface
MKTF-15	09/01/22	2.00	19.69	13.80	1.16	14.96	6,928.78	6,929.71	9 - 19	Chinle/Alluvium Interface
MKTF-15	10/03/22	2.00	19.72	13.95	0.80	14.75	6,928.99	6,929.63	9 - 19	Chinle/Alluvium Interface
MKTF-15	11/02/22	2.00	19.75	13.96	0.75	14.71	6,929.03	6,929.63	9 - 19	Chinle/Alluvium Interface
MKTF-15	12/06/22	2.00	19.78	14.22	0.63	14.85	6,928.89	6,929.39	9 - 19	Chinle/Alluvium Interface
MKTF-15	1/30/2023	2.00	19.72	14.19	0.62	14.81	6,928.93	6,929.43	9 - 19	Chinle/Alluvium Interface
MKTF-15	2/28/2023	2.00	19.75	14.06	0.68	14.74	6,929.00	6,929.54	9 - 19	Chinle/Alluvium Interface
MKTF-15	3/31/2023	2.00	19.78	13.76	0.93	14.69	6,929.05	6,929.79	9 - 19	Chinle/Alluvium Interface
MKTF-15	4/12/2023	2.00	19.72	13.91	0.39	14.30	6,929.44	6,929.75	9 - 19	Chinle/Alluvium Interface
MKTF-15	5/16/2023	2.00	19.75	14.36	0.20	14.56	6,929.18	6,929.34	9 - 19	Chinle/Alluvium Interface
MKTF-15	6/1/2023	2.00	19.78	14.37	0.22	14.59	6,929.15	6,929.33	9 - 19	Chinle/Alluvium Interface
MKTF-15	7/24/2023	2.00	19.72	14.74	0.64	15.38	6,928.36	6,928.87	9 - 19	Chinle/Alluvium Interface
MKTF-15	8/18/2023	2.00	19.75	14.78	0.81	15.59	6,928.15	6,928.80	9 - 19	Chinle/Alluvium Interface
MKTF-15	9/6/2023	2.00	19.78	14.70	0.76	15.46	6,928.28	6,928.89	9 - 19	Chinle/Alluvium Interface
MKTF-15	10/25/2023	2.00	19.78	15.01	0.80	15.81	6,927.93	6,928.57	9 - 19	Chinle/Alluvium Interface
MKTF-15	11/14/2023	2.00	19.78	15.06	0.75	15.81	6,927.93	6,928.53	9 - 19	Chinle/Alluvium Interface
MKTF-15	12/12/2023	2.00	19.78	15.15	0.31	15.46	6,928.28	6,928.53	9 - 19	Chinle/Alluvium Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-16	06/01/21	2.00	10.95	ND	NA	9.70	6,941.30	NA	4 - 14	Chinle/Alluvium Interface
MKTF-16	06/23/21	2.00	10.95	ND	NA	DRY	NA	NA	4 - 14	Chinle/Alluvium Interface
MKTF-16	07/21/21	2.00	10.95	ND	NA	11.26	6,939.74	NA	4 - 14	Chinle/Alluvium Interface
MKTF-16	08/25/21	2.00	10.95	ND	NA	10.90	6,940.10	NA	4 - 14	Chinle/Alluvium Interface
MKTF-16	09/08/21	2.00	10.95	ND	NA	9.12	6,941.88	NA	4 - 14	Chinle/Alluvium Interface
MKTF-16	10/27/21	2.00	10.95	ND	NA	9.40	6,941.60	NA	4 - 14	Chinle/Alluvium Interface
MKTF-16	11/17/21	2.00	10.95	ND	NA	9.00	6,942.00	NA	4 - 14	Chinle/Alluvium Interface
MKTF-16	12/27/21	2.00	10.92	ND	NA	8.87	6,942.13	NA	4 - 14	Chinle/Alluvium Interface
MKTF-16	01/10/22	2.00	10.92	ND	NA	8.82	6,942.18	NA	4 - 14	Chinle/Alluvium Interface
MKTF-16	02/28/22	2.00	10.92	ND	NA	9.05	6,941.95	NA	4 - 14	Chinle/Alluvium Interface
MKTF-16	03/02/22	2.00	10.92	ND	NA	8.84	6,942.16	NA	4 - 14	Chinle/Alluvium Interface
MKTF-16	04/27/22	2.00	10.92	ND	NA	10.24	6,940.76	NA	4 - 14	Chinle/Alluvium Interface
MKTF-16	05/05/22	2.00	10.92	ND	NA	9.06	6,941.94	NA	4 - 14	Chinle/Alluvium Interface
MKTF-16	06/01/22	2.00	10.94	ND	NA	8.25	6,942.75	NA	4 - 14	Chinle/Alluvium Interface
MKTF-16	07/06/22	2.00	10.95	ND	NA	8.29	6,942.71	NA	4 - 14	Chinle/Alluvium Interface
MKTF-16	08/08/22	2.00	10.96	ND	NA	8.46	6,942.54	NA	4 - 14	Chinle/Alluvium Interface
MKTF-16	09/01/22	2.00	10.97	ND	NA	8.22	6,942.78	NA	4 - 14	Chinle/Alluvium Interface
MKTF-16	10/03/22	2.00	10.98	ND	NA	8.28	6,942.72	NA	4 - 14	Chinle/Alluvium Interface
MKTF-16	11/02/22	2.00	10.99	ND	NA	8.26	6,942.74	NA	4 - 14	Chinle/Alluvium Interface
MKTF-16	12/06/22	2.00	11.00	ND	NA	10.74	6,940.26	NA	4 - 14	Chinle/Alluvium Interface
MKTF-16	01/30/23	2.00	10.98	ND	NA	10.68	6,940.32	NA	4 - 14	Chinle/Alluvium Interface
MKTF-16	02/28/23	2.00	10.99	ND	NA	10.60	6,940.40	NA	4 - 14	Chinle/Alluvium Interface
MKTF-16	03/07/23	2.00	11.00	ND	NA	8.52	6,942.48	NA	4 - 14	Chinle/Alluvium Interface
MKTF-16	04/12/23	2.00	10.98	ND	NA	9.17	6,941.83	NA	4 - 14	Chinle/Alluvium Interface
MKTF-16	05/16/23	2.00	10.99	ND	NA	9.25	6,941.75	NA	4 - 14	Chinle/Alluvium Interface
MKTF-16	06/01/23	2.00	11.00	ND	NA	9.34	6,941.66	NA	4 - 14	Chinle/Alluvium Interface
MKTF-16	07/24/23	2.00	11.00	ND	NA	9.44	6,941.56	NA	4 - 14	Chinle/Alluvium Interface
MKTF-16	08/18/23	2.00	11.00	ND	NA	5.92	6,945.08	NA	4 - 14	Chinle/Alluvium Interface
MKTF-16	09/06/23	2.00	11.00	ND	NA	5.92	6,945.08	NA	4 - 14	Chinle/Alluvium Interface
MKTF-16	10/25/23	2.00	11.00	ND	NA	6.57	6,944.43	NA	4 - 14	Chinle/Alluvium Interface
MKTF-16	11/14/23	2.00	11.00	ND	NA	DRY	NA	NA	4 - 14	Chinle/Alluvium Interface
MKTF-16	12/01/23	2.00	11.00	ND	NA	DRY	NA	NA	4 - 14	Chinle/Alluvium Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-17	01/28/21	2.00	24.65	11.91	0.02	11.93	6,933.86	6,933.88	14 - 24	Chinle/Alluvium Interface
MKTF-17	02/28/21	2.00	24.70	11.91	0.02	11.93	6,933.86	6,933.88	14 - 24	Chinle/Alluvium Interface
MKTF-17	03/31/21	2.00	24.70	12.09	0.03	12.12	6,933.67	6,933.69	14 - 24	Chinle/Alluvium Interface
MKTF-17	04/26/21	2.00	24.70	15.00	0.02	15.02	6,930.77	6,930.79	14 - 24	Chinle/Alluvium Interface
MKTF-17	05/20/21	2.00	24.70	15.06	0.03	15.09	6,930.70	6,930.72	14 - 24	Chinle/Alluvium Interface
MKTF-17	06/01/21	2.00	24.70	15.13	0.05	15.18	6,930.61	6,930.65	14 - 24	Chinle/Alluvium Interface
MKTF-17	07/21/21	2.00	24.70	12.19	0.03	12.22	6,933.57	6,933.59	14 - 24	Chinle/Alluvium Interface
MKTF-17R	08/30/21	2.00	24.70	ND	NA	12.34	6,938.27	NA	10 - 25	Chinle/Alluvium Interface
MKTF-17R	09/17/21	2.00	24.70	ND	NA	12.46	6,938.15	NA	10 - 25	Chinle/Alluvium Interface
MKTF-17R	10/27/21	2.00	24.70	ND	NA	12.32	6,938.29	NA	10 - 25	Chinle/Alluvium Interface
MKTF-17R	11/02/21	2.00	24.70	ND	NA	12.32	6,938.29	NA	10 - 25	Chinle/Alluvium Interface
MKTF-17R	12/03/21	2.00	20.50	ND	NA	12.80	6,937.81	NA	10 - 25	Chinle/Alluvium Interface
MKTF-17R	01/10/22	2.00	20.50	ND	NA	12.72	6,937.89	NA	10 - 25	Chinle/Alluvium Interface
MKTF-17R	02/28/22	2.00	20.50	ND	NA	12.71	6,937.90	NA	10 - 25	Chinle/Alluvium Interface
MKTF-17R	03/01/22	2.00	20.50	ND	NA	12.76	6,937.85	NA	10 - 25	Chinle/Alluvium Interface
MKTF-17R	04/27/22	2.00	20.50	ND	NA	13.82	6,936.79	NA	10 - 25	Chinle/Alluvium Interface
MKTF-17R	05/04/22	2.00	20.50	13.39	0.47	13.86	6,936.75	6,937.13	10 - 25	Chinle/Alluvium Interface
MKTF-17R	06/01/22	2.00	20.50	13.64	0.20	13.84	6,936.77	6,936.93	10 - 25	Chinle/Alluvium Interface
MKTF-17R	07/06/22	2.00	20.50	13.65	0.23	13.88	6,936.73	6,936.91	10 - 25	Chinle/Alluvium Interface
MKTF-17R	08/08/22	2.00	20.50	13.42	0.17	13.59	6,937.02	6,937.16	10 - 25	Chinle/Alluvium Interface
MKTF-17R	09/01/22	2.00	20.50	13.34	0.20	13.54	6,937.07	6,937.23	10 - 25	Chinle/Alluvium Interface
MKTF-17R	10/03/22	2.00	20.50	13.03	0.15	13.18	6,937.43	6,937.55	10 - 25	Chinle/Alluvium Interface
MKTF-17R	11/02/22	2.00	20.50	13.03	0.17	13.20	6,937.41	6,937.55	10 - 25	Chinle/Alluvium Interface
MKTF-17R	12/06/22	2.00	20.50	12.91	0.10	13.01	6,937.60	6,937.68	10 - 25	Chinle/Alluvium Interface
MKTF-17R	1/30/2023	2.00	20.50	12.86	0.13	12.99	6,937.62	6,937.72	10 - 25	Chinle/Alluvium Interface
MKTF-17R	2/28/2023	2.00	20.50	13.07	0.13	13.20	6,937.41	6,937.51	10 - 25	Chinle/Alluvium Interface
MKTF-17R	3/7/2023	2.00	20.50	13.11	0.05	13.16	6,937.45	6,937.49	10 - 25	Chinle/Alluvium Interface
MKTF-17R	4/12/2023	2.00	20.50	12.56	0.02	12.58	6,938.03	6,938.05	10 - 25	Chinle/Alluvium Interface
MKTF-17R	5/15/2023	2.00	20.50	12.79	0.17	12.96	6,937.65	6,937.79	10 - 25	Chinle/Alluvium Interface
MKTF-17R	6/1/2023	2.00	20.50	12.79	0.03	12.82	6,937.79	6,937.81	10 - 25	Chinle/Alluvium Interface
MKTF-17R	7/18/2023	2.00	20.50	13.06	0.05	13.11	6,937.50	6,937.54	10 - 25	Chinle/Alluvium Interface
MKTF-17R	8/21/2023	2.00	20.50	13.11	0.12	13.23	6,937.38	6,937.48	10 - 25	Chinle/Alluvium Interface
MKTF-17R	9/6/2023	2.00	20.50	13.14	0.12	13.26	6,937.35	6,937.45	10 - 25	Chinle/Alluvium Interface
MKTF-17R	10/25/2023	2.00	20.50	13.11	0.57	13.68	6,936.93	6,937.39	10 - 25	Chinle/Alluvium Interface
MKTF-17R	11/13/2023	2.00	20.50	13.22	0.34	13.56	6,937.05	6,937.32	10 - 25	Chinle/Alluvium Interface
MKTF-17R	12/12/2023	2.00	20.50	13.22	0.02	13.24	6,937.37	6,937.39	10 - 25	Chinle/Alluvium Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-18	06/01/21	2.00	27.55	ND	NA	9.53	6,941.44	NA	17 - 27	Chinle/Alluvium Interface
MKTF-18	07/21/21	2.00	27.55	ND	NA	11.24	6,939.73	NA	17 - 27	Chinle/Alluvium Interface
MKTF-18R	08/30/21	2.00	25.55	ND	NA	10.00	6,945.29	NA	5 - 25	Chinle/Alluvium Interface
MKTF-18R	09/17/21	2.00	25.55	ND	NA	10.35	6,944.94	NA	10 - 25	Chinle/Alluvium Interface
MKTF-18R	10/27/21	2.00	25.55	ND	NA	10.32	6,944.97	NA	10 - 25	Chinle/Alluvium Interface
MKTF-18R	11/17/21	2.00	25.55	ND	NA	10.41	6,944.88	NA	10 - 25	Chinle/Alluvium Interface
MKTF-18R	12/03/21	2.00	25.50	ND	NA	10.62	6,944.67	NA	10 - 25	Chinle/Alluvium Interface
MKTF-18R	01/10/22	2.00	25.50	ND	NA	10.75	6,944.54	NA	10 - 25	Chinle/Alluvium Interface
MKTF-18R	02/28/22	2.00	25.50	ND	NA	10.75	6,944.54	NA	10 - 25	Chinle/Alluvium Interface
MKTF-18R	03/01/22	2.00	25.50	ND	NA	10.59	6,944.70	NA	10 - 25	Chinle/Alluvium Interface
MKTF-18R	04/27/22	2.00	25.50	ND	NA	11.20	6,944.09	NA	10 - 25	Chinle/Alluvium Interface
MKTF-18R	05/05/22	2.00	25.50	ND	NA	11.33	6,943.96	NA	10 - 25	Chinle/Alluvium Interface
MKTF-18R	06/01/22	2.00	25.47	ND	NA	11.55	6,943.74	NA	10 - 25	Chinle/Alluvium Interface
MKTF-18R	07/06/22	2.00	25.46	ND	NA	11.19	6,944.10	NA	10 - 25	Chinle/Alluvium Interface
MKTF-18R	08/08/22	2.00	25.45	ND	NA	11.76	6,943.53	NA	10 - 25	Chinle/Alluvium Interface
MKTF-18R	09/01/22	2.00	25.43	ND	NA	11.27	6,944.02	NA	10 - 25	Chinle/Alluvium Interface
MKTF-18R	10/03/22	2.00	25.42	ND	NA	11.34	6,943.95	NA	10 - 25	Chinle/Alluvium Interface
MKTF-18R	11/02/22	2.00	25.40	ND	NA	11.32	6,943.97	NA	10 - 25	Chinle/Alluvium Interface
MKTF-18R	12/05/22	2.00	25.39	ND	NA	11.12	6,944.17	NA	10 - 25	Chinle/Alluvium Interface
MKTF-18R	01/30/23	2.00	25.42	ND	NA	11.02	6,944.27	NA	10 - 25	Chinle/Alluvium Interface
MKTF-18R	02/28/23	2.00	25.40	ND	NA	11.04	6,944.25	NA	10 - 25	Chinle/Alluvium Interface
MKTF-18R	03/07/23	2.00	25.39	ND	NA	11.45	6,943.84	NA	10 - 25	Chinle/Alluvium Interface
MKTF-18R	04/12/23	2.00	25.42	ND	NA	11.03	6,944.26	NA	10 - 25	Chinle/Alluvium Interface
MKTF-18R	05/15/23	2.00	25.40	ND	NA	11.17	6,944.12	NA	10 - 25	Chinle/Alluvium Interface
MKTF-18R	06/01/23	2.00	25.39	ND	NA	10.97	6,944.32	NA	10 - 25	Chinle/Alluvium Interface
MKTF-18R	07/24/23	2.00	25.42	ND	NA	11.02	6,944.27	NA	10 - 25	Chinle/Alluvium Interface
MKTF-18R	08/22/23	2.00	25.40	ND	NA	10.93	6,944.36	NA	10 - 25	Chinle/Alluvium Interface
MKTF-18R	09/06/23	2.00	25.39	ND	NA	10.88	6,944.41	NA	10 - 25	Chinle/Alluvium Interface
MKTF-18R	10/25/23	2.00	25.39	ND	NA	10.68	6,944.61	NA	10 - 25	Chinle/Alluvium Interface
MKTF-18R	11/13/23	2.00	25.39	ND	NA	10.84	6,944.45	NA	10 - 25	Chinle/Alluvium Interface
MKTF-18R	12/13/23	2.00	25.39	ND	NA	10.70	6,944.59	NA	10 - 25	Chinle/Alluvium Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-19	06/01/21	2.00	19.44	12.77	1.22	13.99	6,930.90	6,931.88	10 - 20	Chinle/Alluvium Interface
MKTF-19	07/21/21	2.00	19.44	12.74	0.78	13.52	6,931.37	6,931.99	10 - 20	Chinle/Alluvium Interface
MKTF-19	08/25/21	2.00	19.44	13.32	1.22	14.54	6,930.35	6,931.33	10 - 20	Chinle/Alluvium Interface
MKTF-19	09/08/21	2.00	19.44	13.27	1.06	14.33	6,930.56	6,931.41	10 - 20	Chinle/Alluvium Interface
MKTF-19	10/27/21	2.00	19.44	13.30	1.27	14.57	6,930.32	6,931.34	10 - 20	Chinle/Alluvium Interface
MKTF-19	11/17/21	2.00	19.44	13.31	1.13	14.44	6,930.45	6,931.35	10 - 20	Chinle/Alluvium Interface
MKTF-19	12/03/21	2.00	19.44	13.20	1.05	14.25	6,930.64	6,931.48	10 - 20	Chinle/Alluvium Interface
MKTF-19	01/10/22	2.00	19.44	13.33	0.06	13.39	6,931.50	6,931.55	10 - 20	Chinle/Alluvium Interface
MKTF-19	02/28/22	2.00	19.44	13.32	1.22	14.54	6,930.35	6,931.33	10 - 20	Chinle/Alluvium Interface
MKTF-19	03/02/22	2.00	19.46	13.22	1.10	14.32	6,930.57	6,931.45	10 - 20	Chinle/Alluvium Interface
MKTF-19	04/27/22	2.00	19.46	13.96	1.09	15.05	6,929.84	6,930.71	10 - 20	Chinle/Alluvium Interface
MKTF-19	05/05/22	2.00	19.46	13.53	1.02	14.55	6,930.34	6,931.16	10 - 20	Chinle/Alluvium Interface
MKTF-19	06/01/22	2.00	19.45	13.18	0.92	14.10	6,930.79	6,931.53	10 - 20	Chinle/Alluvium Interface
MKTF-19	07/06/22	2.00	19.45	12.63	0.59	13.22	6,931.67	6,932.14	10 - 20	Chinle/Alluvium Interface
MKTF-19	08/08/22	2.00	19.44	12.27	1.17	13.44	6,931.45	6,932.39	10 - 20	Chinle/Alluvium Interface
MKTF-19	09/01/22	2.00	19.44	13.25	0.97	14.22	6,930.67	6,931.45	10 - 20	Chinle/Alluvium Interface
MKTF-19	10/03/22	2.00	19.43	13.93	2.35	16.28	6,928.61	6,930.49	10 - 20	Chinle/Alluvium Interface
MKTF-19	11/02/22	2.00	19.43	13.92	2.34	16.26	6,928.63	6,930.50	10 - 20	Chinle/Alluvium Interface
MKTF-19	12/06/22	2.00	19.42	15.34	0.32	15.66	6,929.23	6,929.49	10 - 20	Chinle/Alluvium Interface
MKTF-19	1/30/2023	2.00	19.43	15.30	0.30	15.60	6,929.29	6,929.53	10 - 20	Chinle/Alluvium Interface
MKTF-19	2/28/2023	2.00	19.43	15.17	0.28	15.45	6,929.44	6,929.66	10 - 20	Chinle/Alluvium Interface
MKTF-19	3/7/2023	2.00	19.42	14.33	0.43	14.76	6,930.13	6,930.47	10 - 20	Chinle/Alluvium Interface
MKTF-19	4/12/2023	2.00	19.43	13.67	0.38	14.05	6,930.84	6,931.14	10 - 20	Chinle/Alluvium Interface
MKTF-19	5/15/2023	2.00	19.43	14.00	0.42	14.42	6,930.47	6,930.81	10 - 20	Chinle/Alluvium Interface
MKTF-19	6/1/2023	2.00	19.42	14.02	0.13	14.15	6,930.74	6,930.84	10 - 20	Chinle/Alluvium Interface
MKTF-19	7/18/2023	2.00	19.42	14.37	0.23	14.60	6,930.29	6,930.47	10 - 20	Chinle/Alluvium Interface
MKTF-19	8/21/2023	2.00	19.42	14.44	0.26	14.70	6,930.19	6,930.40	10 - 20	Chinle/Alluvium Interface
MKTF-19	9/6/2023	2.00	19.42	14.47	0.27	14.74	6,930.15	6,930.37	10 - 20	Chinle/Alluvium Interface
MKTF-19	10/25/2023	2.00	19.42	14.54	0.18	14.72	6,930.17	6,930.31	10 - 20	Chinle/Alluvium Interface
MKTF-19	11/13/2023	2.00	19.42	14.79	0.15	14.94	6,929.95	6,930.07	10 - 20	Chinle/Alluvium Interface
MKTF-19	12/12/2023	2.00	19.42	14.76	0.10	14.86	6,930.03	6,930.11	10 - 20	Chinle/Alluvium Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-20	06/01/21	4.00	9.61	9.12	0.29	9.41	6,942.48	6,942.71	2 - 10	Chinle/Alluvium Interface
MKTF-20	07/07/21	4.00	9.61	ND	NA	DRY	NA	NA	2 - 10	Chinle/Alluvium Interface
MKTF-20	08/02/21	4.00	9.61	ND	NA	9.04	6,942.85	NA	2 - 10	Chinle/Alluvium Interface
MKTF-20	09/08/21	4.00	9.61	ND	NA	DRY	NA	NA	2 - 10	Chinle/Alluvium Interface
MKTF-20	10/27/21	4.00	9.61	ND	NA	DRY	NA	NA	2 - 10	Chinle/Alluvium Interface
MKTF-20	11/02/21	4.00	9.61	ND	NA	9.02	6,942.87	NA	2 - 10	Chinle/Alluvium Interface
MKTF-20	12/03/21	4.00	9.60	ND	NA	9.53	6,942.36	NA	2 - 10	Chinle/Alluvium Interface
MKTF-20	01/10/22	4.00	9.60	ND	NA	9.62	6,942.27	NA	2 - 10	Chinle/Alluvium Interface
MKTF-20	02/28/22	4.00	9.60	ND	NA	9.60	6,942.29	NA	2 - 10	Chinle/Alluvium Interface
MKTF-20	03/02/22	4.00	9.60	ND	NA	DRY	NA	NA	2 - 10	Chinle/Alluvium Interface
MKTF-20	04/27/22	4.00	9.60	ND	NA	DRY	NA	NA	2 - 10	Chinle/Alluvium Interface
MKTF-20	05/05/22	4.00	9.60	ND	NA	DRY	NA	NA	2 - 10	Chinle/Alluvium Interface
MKTF-20	06/01/22	4.00	9.60	ND	NA	DRY	NA	NA	2 - 10	Chinle/Alluvium Interface
MKTF-20	07/06/22	4.00	9.60	ND	NA	8.41	6,943.48	NA	2 - 10	Chinle/Alluvium Interface
MKTF-20	08/08/22	4.00	9.60	ND	NA	8.90	6,942.99	NA	2 - 10	Chinle/Alluvium Interface
MKTF-20	09/01/22	4.00	9.60	ND	NA	8.90	6,942.99	NA	2 - 10	Chinle/Alluvium Interface
MKTF-20	10/03/22	4.00	9.60	ND	NA	DRY	NA	NA	2 - 10	Chinle/Alluvium Interface
MKTF-20	11/02/22	4.00	9.60	ND	NA	DRY	NA	NA	2 - 10	Chinle/Alluvium Interface
MKTF-20	12/06/22	4.00	9.60	ND	NA	DRY	NA	NA	2 - 10	Chinle/Alluvium Interface
MKTF-20	01/30/23	4.00	9.60	ND	NA	DRY	NA	NA	2 - 10	Chinle/Alluvium Interface
MKTF-20	02/28/23	4.00	9.60	ND	NA	DRY	NA	NA	2 - 10	Chinle/Alluvium Interface
MKTF-20	03/07/23	4.00	9.60	ND	NA	DRY	NA	NA	2 - 10	Chinle/Alluvium Interface
MKTF-20	04/12/23	4.00	9.60	ND	NA	8.66	6,943.23	NA	2 - 10	Chinle/Alluvium Interface
MKTF-20	05/15/23	4.00	9.60	ND	NA	8.67	6,943.22	NA	2 - 10	Chinle/Alluvium Interface
MKTF-20	06/01/23	4.00	9.60	ND	NA	8.61	6,943.28	NA	2 - 10	Chinle/Alluvium Interface
MKTF-20	07/24/23	4.00	9.60	ND	NA	8.51	6,943.38	NA	2 - 10	Chinle/Alluvium Interface
MKTF-20	08/18/23	4.00	9.60	ND	NA	9.82	6,942.07	NA	2 - 10	Chinle/Alluvium Interface
MKTF-20	09/06/23	4.00	9.60	ND	NA	9.84	6,942.05	NA	2 - 10	Chinle/Alluvium Interface
MKTF-20	10/25/23	4.00	9.60	ND	NA	9.74	6,942.15	NA	2 - 10	Chinle/Alluvium Interface
MKTF-20	11/13/23	4.00	9.60	ND	NA	9.71	6,942.18	NA	2 - 10	Chinle/Alluvium Interface
MKTF-20	12/01/23	4.00	9.60	ND	NA	9.76	6,942.13	NA	2 - 10	Chinle/Alluvium Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-21	06/01/21	4.00	8.87	ND	NA	7.09	6,945.59	NA	2 - 10	Chinle/Alluvium Interface
MKTF-21	07/07/21	4.00	8.87	ND	NA	8.07	6,944.61	NA	2 - 10	Chinle/Alluvium Interface
MKTF-21	08/02/21	4.00	8.87	ND	NA	8.75	6,943.93	NA	2 - 10	Chinle/Alluvium Interface
MKTF-21	09/08/21	4.00	8.87	ND	NA	8.91	6,943.77	NA	2 - 10	Chinle/Alluvium Interface
MKTF-21	10/27/21	4.00	8.87	ND	NA	8.36	6,944.32	NA	2 - 10	Chinle/Alluvium Interface
MKTF-21	11/17/21	4.00	8.87	ND	NA	8.53	6,944.15	NA	2 - 10	Chinle/Alluvium Interface
MKTF-21	12/03/21	4.00	8.87	ND	NA	8.96	6,943.72	NA	2 - 10	Chinle/Alluvium Interface
MKTF-21	01/10/22	4.00	8.87	ND	NA	8.93	6,943.75	NA	2 - 10	Chinle/Alluvium Interface
MKTF-21	02/28/22	4.00	8.87	ND	NA	8.96	6,943.72	NA	2 - 10	Chinle/Alluvium Interface
MKTF-21	03/02/22	4.00	8.87	ND	NA	DRY	NA	NA	2 - 10	Chinle/Alluvium Interface
MKTF-21	04/27/22	4.00	8.87	ND	NA	8.37	6,944.31	NA	2 - 10	Chinle/Alluvium Interface
MKTF-21	05/05/22	4.00	8.87	ND	NA	8.95	6,943.73	NA	2 - 10	Chinle/Alluvium Interface
MKTF-21	06/01/22	4.00	8.87	ND	NA	8.96	6,943.72	NA	2 - 10	Chinle/Alluvium Interface
MKTF-21	07/06/22	4.00	8.87	ND	NA	8.43	6,944.25	NA	2 - 10	Chinle/Alluvium Interface
MKTF-21	08/08/22	4.00	8.87	ND	NA	8.74	6,943.94	NA	2 - 10	Chinle/Alluvium Interface
MKTF-21	09/01/22	4.00	8.87	ND	NA	9.01	6,943.67	NA	2 - 10	Chinle/Alluvium Interface
MKTF-21	10/03/22	4.00	8.87	ND	NA	DRY	NA	NA	2 - 10	Chinle/Alluvium Interface
MKTF-21	11/02/22	4.00	8.87	ND	NA	DRY	NA	NA	2 - 10	Chinle/Alluvium Interface
MKTF-21	12/06/22	4.00	8.87	ND	NA	DRY	NA	NA	2 - 10	Chinle/Alluvium Interface
MKTF-21	1/30/2023	4.00	8.87	ND	NA	DRY	NA	NA	2 - 10	Chinle/Alluvium Interface
MKTF-21	2/28/2023	4.00	8.87	ND	NA	DRY	NA	NA	2 - 10	Chinle/Alluvium Interface
MKTF-21	3/7/2023	4.00	8.87	ND	NA	8.44	6,944.24	NA	2 - 10	Chinle/Alluvium Interface
MKTF-21	4/12/2023	4.00	8.87	ND	NA	DRY	NA	NA	2 - 10	Chinle/Alluvium Interface
MKTF-21	5/15/2023	4.00	8.87	ND	NA	DRY	NA	NA	2 - 10	Chinle/Alluvium Interface
MKTF-21	6/1/2023	4.00	8.87	ND	NA	DRY	NA	NA	2 - 10	Chinle/Alluvium Interface
MKTF-21	7/24/2023	4.00	8.87	ND	NA	DRY	NA	NA	2 - 10	Chinle/Alluvium Interface
MKTF-21	8/23/2023	4.00	8.87	ND	NA	DRY	NA	NA	2 - 10	Chinle/Alluvium Interface
MKTF-21	9/6/2023	4.00	8.87	ND	NA	DRY	NA	NA	2 - 10	Chinle/Alluvium Interface
MKTF-21	10/25/2023	4.00	8.87	ND	NA	DRY	NA	NA	2 - 10	Chinle/Alluvium Interface
MKTF-21	11/13/2023	4.00	8.87	ND	NA	DRY	NA	NA	2 - 10	Chinle/Alluvium Interface
MKTF-21	12/13/2023	4.00	8.87	ND	NA	7.51	6,945.17	NA	2 - 10	Chinle/Alluvium Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-22	06/01/21	2.00	35.66	23.55	2.10	25.65	6,914.11	6915.79	22 - 32	Chinle/Alluvium Interface
MKTF-22	07/21/21	2.00	35.66	22.72	2.88	25.60	6,914.16	6916.46	22 - 32	Chinle/Alluvium Interface
MKTF-22	08/25/21	2.00	35.66	23.04	2.04	25.08	6,914.68	6916.31	22 - 32	Chinle/Alluvium Interface
MKTF-22	09/09/21	2.00	35.66	23.09	1.97	25.06	6,914.70	6916.28	22 - 32	Chinle/Alluvium Interface
MKTF-22	10/27/21	2.00	35.66	23.00	1.99	24.99	6,914.77	6916.36	22 - 32	Chinle/Alluvium Interface
MKTF-22	11/02/21	2.00	35.66	22.98	2.05	25.03	6,914.73	6916.37	22 - 32	Chinle/Alluvium Interface
MKTF-22	12/03/21	2.00	35.66	22.90	2.07	24.97	6,914.79	6916.45	22 - 32	Chinle/Alluvium Interface
MKTF-22	01/10/22	2.00	35.66	22.69	2.13	24.82	6,914.94	6916.64	22 - 32	Chinle/Alluvium Interface
MKTF-22	02/28/22	2.00	35.66	22.77	1.18	23.95	6,915.81	6916.75	22 - 32	Chinle/Alluvium Interface
MKTF-22	03/02/22	2.00	35.68	22.86	2.08	24.94	6,914.82	6916.48	22 - 32	Chinle/Alluvium Interface
MKTF-22	04/27/22	2.00	35.68	23.41	0.25	23.66	6,916.10	6916.30	22 - 32	Chinle/Alluvium Interface
MKTF-22	05/04/22	2.00	35.68	23.31	0.97	24.28	6,915.48	6916.26	22 - 32	Chinle/Alluvium Interface
MKTF-22	06/01/22	2.00	35.70	23.10	2.28	25.38	6,914.38	6916.20	22 - 32	Chinle/Alluvium Interface
MKTF-22	07/06/22	2.00	35.71	22.92	1.95	24.87	6,914.89	6916.45	22 - 32	Chinle/Alluvium Interface
MKTF-22	08/08/22	2.00	35.72	22.88	1.61	24.49	6,915.27	6916.56	22 - 32	Chinle/Alluvium Interface
MKTF-22	09/01/22	2.00	35.73	22.96	2.28	25.24	6,914.52	6916.34	22 - 32	Chinle/Alluvium Interface
MKTF-22	10/03/22	2.00	35.74	22.81	2.44	25.25	6,914.51	6916.46	22 - 32	Chinle/Alluvium Interface
MKTF-22	11/02/22	2.00	35.75	22.80	2.40	25.20	6,914.56	6916.48	22 - 32	Chinle/Alluvium Interface
MKTF-22	12/06/22	2.00	35.76	23.21	1.81	25.02	6,914.74	6916.19	22 - 32	Chinle/Alluvium Interface
MKTF-22	01/30/23	2.00	35.74	23.16	1.82	24.98	6,914.78	6916.24	22 - 32	Chinle/Alluvium Interface
MKTF-22	02/28/23	2.00	35.75	22.94	1.87	24.81	6,914.95	6916.45	22 - 32	Chinle/Alluvium Interface
MKTF-22	03/06/23	2.00	35.76	23.30	1.82	25.12	6,914.64	6916.10	22 - 32	Chinle/Alluvium Interface
MKTF-22	04/12/23	2.00	35.74	22.98	1.91	24.89	6,914.87	6916.40	22 - 32	Chinle/Alluvium Interface
MKTF-22	05/15/23	2.00	35.75	23.25	1.87	25.12	6,914.64	6916.14	22 - 32	Chinle/Alluvium Interface
MKTF-22	06/01/23	2.00	35.76	23.16	2.32	25.48	6,914.28	6916.14	22 - 32	Chinle/Alluvium Interface
MKTF-22	07/18/23	2.00	35.76	23.55	2.12	25.67	6,914.09	6915.79	22 - 32	Chinle/Alluvium Interface
MKTF-22	08/21/23	2.00	35.76	22.65	2.25	24.90	6,914.86	6916.66	22 - 32	Chinle/Alluvium Interface
MKTF-22	09/06/23	2.00	35.76	22.70	2.25	24.95	6,914.81	6916.61	22 - 32	Chinle/Alluvium Interface
MKTF-22	10/25/23	2.00	35.76	23.75	1.90	25.65	6,914.11	6915.63	22 - 32	Chinle/Alluvium Interface
MKTF-22	11/13/23	2.00	35.76	24.08	1.57	25.65	6,914.11	6915.37	22 - 32	Chinle/Alluvium Interface
MKTF-22	12/01/23	2.00	35.76	24.02	1.54	25.56	6,914.20	6915.43	22 - 32	Chinle/Alluvium Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-23	01/28/21	2.00	20.76	11.47	0.01	11.48	6,915.75	6,915.76	7 - 17	Chinle/Alluvium Interface
MKTF-23	02/28/21	2.00	20.41	11.63	0.01	11.64	6,915.59	6,915.60	7 - 17	Chinle/Alluvium Interface
MKTF-23	03/31/21	2.00	20.41	ND	NA	11.46	6,915.77	NA	7 - 17	Chinle/Alluvium Interface
MKTF-23	04/26/21	2.00	20.41	ND	NA	11.15	6,916.08	NA	7 - 17	Chinle/Alluvium Interface
MKTF-23	05/20/21	2.00	20.41	ND	NA	11.44	6,915.79	NA	7 - 17	Chinle/Alluvium Interface
MKTF-23	06/01/21	2.00	20.41	ND	NA	11.23	6,916.00	NA	7 - 17	Chinle/Alluvium Interface
MKTF-23	07/21/21	2.00	20.41	12.00	0.01	12.01	6,915.22	6,915.23	7 - 17	Chinle/Alluvium Interface
MKTF-23	08/25/21	2.00	20.41	11.63	0.02	11.65	6,915.58	6,915.60	7 - 17	Chinle/Alluvium Interface
MKTF-23	09/08/21	2.00	20.41	11.69	0.03	11.72	6,915.51	6,915.53	7 - 17	Chinle/Alluvium Interface
MKTF-23	10/27/21	2.00	20.41	11.47	0.02	11.49	6,915.74	6,915.76	7 - 17	Chinle/Alluvium Interface
MKTF-23	11/17/21	2.00	20.41	11.46	0.04	11.50	6,915.73	6,915.76	7 - 17	Chinle/Alluvium Interface
MKTF-23	12/03/21	2.00	20.41	11.54	0.05	11.59	6,915.64	6,915.68	7 - 17	Chinle/Alluvium Interface
MKTF-23	01/10/22	2.00	20.41	11.69	0.10	11.79	6,915.44	6,915.52	7 - 17	Chinle/Alluvium Interface
MKTF-23	02/28/22	2.00	20.41	11.65	0.12	11.77	6,915.46	6,915.56	7 - 17	Chinle/Alluvium Interface
MKTF-23	03/01/22	2.00	20.40	11.52	0.05	11.57	6,915.66	6,915.70	7 - 17	Chinle/Alluvium Interface
MKTF-23	04/27/22	2.00	20.40	11.56	0.04	11.60	6,915.63	6,915.66	7 - 17	Chinle/Alluvium Interface
MKTF-23	05/05/22	2.00	20.40	11.54	0.04	11.58	6,915.65	6,915.68	7 - 17	Chinle/Alluvium Interface
MKTF-23	06/01/22	2.00	20.43	11.55	0.05	11.60	6,915.63	6,915.67	7 - 17	Chinle/Alluvium Interface
MKTF-23	07/06/22	2.00	20.44	12.23	0.04	12.27	6,914.96	6,914.99	7 - 17	Chinle/Alluvium Interface
MKTF-23	08/08/22	2.00	20.46	12.35	0.05	12.40	6,914.83	6,914.87	7 - 17	Chinle/Alluvium Interface
MKTF-23	09/01/22	2.00	20.47	11.40	0.05	11.45	6,915.78	6,915.82	7 - 17	Chinle/Alluvium Interface
MKTF-23	10/03/22	2.00	20.49	11.44	0.07	11.51	6,915.72	6,915.78	7 - 17	Chinle/Alluvium Interface
MKTF-23	11/02/22	2.00	20.50	11.45	0.08	11.53	6,915.70	6,915.76	7 - 17	Chinle/Alluvium Interface
MKTF-23	12/06/22	2.00	20.52	11.56	0.09	11.65	6,915.58	6,915.65	7 - 17	Chinle/Alluvium Interface
MKTF-23	01/30/23	2.00	20.49	11.50	0.13	11.63	6,915.60	6,915.70	7 - 17	Chinle/Alluvium Interface
MKTF-23	02/28/23	2.00	20.50	11.39	0.14	11.53	6,915.70	6,915.81	7 - 17	Chinle/Alluvium Interface
MKTF-23	03/07/23	2.00	20.52	12.15	0.02	12.17	6,915.06	6,915.08	7 - 17	Chinle/Alluvium Interface
MKTF-23	04/12/23	2.00	20.49	12.13	0.02	12.15	6,915.08	6,915.10	7 - 17	Chinle/Alluvium Interface
MKTF-23	05/15/23	2.00	20.50	12.35	0.01	12.36	6,914.87	6,914.88	7 - 17	Chinle/Alluvium Interface
MKTF-23	06/01/23	2.00	20.52	12.39	0.01	12.40	6,914.83	6,914.84	7 - 17	Chinle/Alluvium Interface
MKTF-23	07/24/23	2.00	20.52	12.35	0.02	12.37	6,914.86	6,914.88	7 - 17	Chinle/Alluvium Interface
MKTF-23	08/23/23	2.00	20.52	12.41	0.04	12.45	6,914.78	6,914.81	7 - 17	Chinle/Alluvium Interface
MKTF-23	09/06/23	2.00	20.52	12.40	0.05	12.45	6,914.78	6,914.82	7 - 17	Chinle/Alluvium Interface
MKTF-23	10/25/23	2.00	20.52	13.17	0.02	13.19	6,914.04	6,914.06	7 - 17	Chinle/Alluvium Interface
MKTF-23	11/13/23	2.00	20.52	ND	NA	13.20	6,914.03	NA	7 - 17	Chinle/Alluvium Interface
MKTF-23	12/01/23	2.00	20.52	ND	NA	13.05	6,914.18	NA	7 - 17	Chinle/Alluvium Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-24	06/01/21	2.00	31.47	ND	NA	20.75	6,905.32	NA	18 - 28	Chinle/Alluvium Interface
MKTF-24	07/21/21	2.00	31.47	ND	NA	18.51	6,907.56	NA	18 - 28	Chinle/Alluvium Interface
MKTF-24	08/26/21	2.00	31.47	ND	NA	21.03	6,905.04	NA	18 - 28	Chinle/Alluvium Interface
MKTF-24	09/08/21	2.00	31.40	ND	NA	21.35	6,904.72	NA	18 - 28	Chinle/Alluvium Interface
MKTF-24	10/27/21	2.00	31.40	ND	NA	21.05	6,905.02	NA	18 - 28	Chinle/Alluvium Interface
MKTF-24	11/17/21	2.00	31.40	ND	NA	21.00	6,905.07	NA	18 - 28	Chinle/Alluvium Interface
MKTF-24	12/15/21	2.00	31.42	ND	NA	20.90	6,905.17	NA	18 - 28	Chinle/Alluvium Interface
MKTF-24	01/10/22	2.00	31.42	ND	NA	20.57	6,905.50	NA	18 - 28	Chinle/Alluvium Interface
MKTF-24	02/28/22	2.00	31.42	ND	NA	20.55	6,905.52	NA	18 - 28	Chinle/Alluvium Interface
MKTF-24	03/02/22	2.00	31.40	ND	NA	20.95	6,905.12	NA	18 - 28	Chinle/Alluvium Interface
MKTF-24	04/27/22	2.00	31.40	ND	NA	21.26	6,904.81	NA	18 - 28	Chinle/Alluvium Interface
MKTF-24	05/05/22	2.00	31.40	ND	NA	20.90	6,905.17	NA	18 - 28	Chinle/Alluvium Interface
MKTF-24	06/01/22	2.00	31.40	20.76	0.02	20.78	6,905.29	6905.31	18 - 28	Chinle/Alluvium Interface
MKTF-24	07/06/22	2.00	31.40	20.37	0.09	20.46	6,905.61	6905.68	18 - 28	Chinle/Alluvium Interface
MKTF-24	08/08/22	2.00	31.40	19.63	0.08	19.71	6,906.36	6906.42	18 - 28	Chinle/Alluvium Interface
MKTF-24	09/01/22	2.00	31.40	20.88	0.02	20.90	6,905.17	6905.19	18 - 28	Chinle/Alluvium Interface
MKTF-24	10/03/22	2.00	31.40	20.93	0.04	20.97	6,905.10	6905.13	18 - 28	Chinle/Alluvium Interface
MKTF-24	11/02/22	2.00	31.40	20.95	0.03	20.98	6,905.09	6905.11	18 - 28	Chinle/Alluvium Interface
MKTF-24	12/06/22	2.00	31.40	21.12	0.05	21.17	6,904.90	6904.94	18 - 28	Chinle/Alluvium Interface
MKTF-24	01/30/23	2.00	31.40	21.13	0.02	21.15	6,904.92	6904.94	18 - 28	Chinle/Alluvium Interface
MKTF-24	02/28/23	2.00	31.40	21.10	0.03	21.13	6,904.94	6904.96	18 - 28	Chinle/Alluvium Interface
MKTF-24	03/31/23	2.00	31.40	20.59	0.04	20.63	6,905.44	6905.47	18 - 28	Chinle/Alluvium Interface
MKTF-24	04/13/23	2.00	31.40	20.47	0.03	20.50	6,905.57	6905.59	18 - 28	Chinle/Alluvium Interface
MKTF-24	05/15/23	2.00	31.40	20.45	0.04	20.49	6,905.58	6905.61	18 - 28	Chinle/Alluvium Interface
MKTF-24	06/02/23	2.00	31.40	20.41	0.09	20.50	6,905.57	6905.64	18 - 28	Chinle/Alluvium Interface
MKTF-24	07/24/23	2.00	31.40	20.47	0.08	20.55	6,905.52	6905.58	18 - 28	Chinle/Alluvium Interface
MKTF-24	08/23/23	2.00	31.40	ND	NA	22.07	6,904.00	NA	18 - 28	Chinle/Alluvium Interface
MKTF-24	09/06/23	2.00	31.40	ND	NA	22.10	6,903.97	NA	18 - 28	Chinle/Alluvium Interface
MKTF-24	10/25/23	2.00	31.40	ND	NA	22.35	6,903.72	NA	18 - 28	Chinle/Alluvium Interface
MKTF-24	11/14/23	2.00	31.40	ND	NA	22.34	6,903.73	NA	18 - 28	Chinle/Alluvium Interface
MKTF-24	12/01/23	2.00	31.40	ND	NA	22.18	6,903.89	NA	18 - 28	Chinle/Alluvium Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-25	06/01/21	2.00	20.09	ND	NA	10.72	6,902.63	NA	6 - 16	Chinle/Alluvium Interface
MKTF-25	07/21/21	2.00	20.09	ND	NA	10.04	6,903.31	NA	6 - 16	Chinle/Alluvium Interface
MKTF-25	08/26/21	2.00	20.09	ND	NA	11.30	6,902.05	NA	6 - 16	Chinle/Alluvium Interface
MKTF-25	09/08/21	2.00	20.09	ND	NA	11.61	6,901.74	NA	6 - 16	Chinle/Alluvium Interface
MKTF-25	10/27/21	2.00	20.09	ND	NA	11.07	6,902.28	NA	6 - 16	Chinle/Alluvium Interface
MKTF-25	11/17/21	2.00	20.09	ND	NA	11.04	6,902.31	NA	6 - 16	Chinle/Alluvium Interface
MKTF-25	12/16/21	2.00	20.07	ND	NA	10.88	6,902.47	NA	6 - 16	Chinle/Alluvium Interface
MKTF-25	01/10/22	2.00	20.07	ND	NA	10.71	6,902.64	NA	6 - 16	Chinle/Alluvium Interface
MKTF-25	02/28/22	2.00	20.07	ND	NA	10.66	6,902.69	NA	6 - 16	Chinle/Alluvium Interface
MKTF-25	03/02/22	2.00	20.08	ND	NA	10.86	6,902.49	NA	6 - 16	Chinle/Alluvium Interface
MKTF-25	04/27/22	2.00	20.08	ND	NA	11.30	6,902.05	NA	6 - 16	Chinle/Alluvium Interface
MKTF-25	05/05/22	2.00	20.08	ND	NA	11.17	6,902.18	NA	6 - 16	Chinle/Alluvium Interface
MKTF-25	06/01/22	2.00	20.08	10.79	0.02	10.81	6,902.54	6902.56	6 - 16	Chinle/Alluvium Interface
MKTF-25	07/06/22	2.00	20.08	10.62	0.04	10.66	6,902.69	6902.72	6 - 16	Chinle/Alluvium Interface
MKTF-25	08/08/22	2.00	20.08	10.76	0.03	10.79	6,902.56	6902.58	6 - 16	Chinle/Alluvium Interface
MKTF-25	09/01/22	2.00	20.08	10.73	0.02	10.75	6,902.60	6902.62	6 - 16	Chinle/Alluvium Interface
MKTF-25	10/03/22	2.00	20.08	10.79	0.03	10.82	6,902.53	6902.55	6 - 16	Chinle/Alluvium Interface
MKTF-25	11/02/22	2.00	20.08	10.79	0.03	10.82	6,902.53	6902.55	6 - 16	Chinle/Alluvium Interface
MKTF-25	12/06/22	2.00	20.08	10.80	0.04	10.84	6,902.51	6902.54	6 - 16	Chinle/Alluvium Interface
MKTF-25	1/30/2023	2.00	20.08	10.76	0.05	10.81	6,902.54	6902.58	6 - 16	Chinle/Alluvium Interface
MKTF-25	2/28/2023	2.00	20.08	11.19	0.07	11.26	6,902.09	6902.15	6 - 16	Chinle/Alluvium Interface
MKTF-25	3/31/2023	2.00	20.08	10.66	0.05	10.71	6,902.64	6902.68	6 - 16	Chinle/Alluvium Interface
MKTF-25	4/13/2023	2.00	20.08	10.76	0.04	10.80	6,902.55	6902.58	6 - 16	Chinle/Alluvium Interface
MKTF-25	5/15/2023	2.00	20.08	10.79	0.04	10.83	6,902.52	6902.55	6 - 16	Chinle/Alluvium Interface
MKTF-25	06/02/23	2.00	20.08	10.71	0.05	10.76	6,902.59	6902.63	6 - 16	Chinle/Alluvium Interface
MKTF-25	07/24/23	2.00	20.08	10.49	0.25	10.74	6,902.61	6902.81	6 - 16	Chinle/Alluvium Interface
MKTF-25	08/23/23	2.00	20.08	ND	NA	11.82	6,901.53	NA	6 - 16	Chinle/Alluvium Interface
MKTF-25	09/06/23	2.00	20.08	ND	NA	11.81	6,901.54	NA	6 - 16	Chinle/Alluvium Interface
MKTF-25	10/25/23	2.00	20.08	ND	NA	12.08	6,901.27	NA	6 - 16	Chinle/Alluvium Interface
MKTF-25	11/14/23	2.00	20.08	ND	NA	13.01	6,900.34	NA	6 - 16	Chinle/Alluvium Interface
MKTF-25	12/01/23	2.00	20.08	ND	NA	12.96	6,900.39	NA	6 - 16	Chinle/Alluvium Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-26	01/28/21	2.00	17.16	6.17	0.27	6.44	6,906.11	6906.33	4 - 14	Chinle/Alluvium Interface
MKTF-26	02/27/21	2.00	16.90	6.12	0.17	6.29	6,906.26	6906.40	4 - 14	Chinle/Alluvium Interface
MKTF-26	03/31/21	2.00	16.90	6.24	0.11	6.35	6,906.20	6906.29	4 - 14	Chinle/Alluvium Interface
MKTF-26	04/26/21	2.00	16.90	6.05	0.11	6.16	6,906.39	6906.48	4 - 14	Chinle/Alluvium Interface
MKTF-26	05/20/21	2.00	16.90	6.26	0.12	6.38	6,906.17	6906.27	4 - 14	Chinle/Alluvium Interface
MKTF-26	06/01/21	2.00	16.90	6.34	0.09	6.43	6,906.12	6906.19	4 - 14	Chinle/Alluvium Interface
MKTF-26	07/07/21	2.00	16.90	ND	NA	6.58	6,905.97	NA	4 - 14	Chinle/Alluvium Interface
MKTF-26	08/26/21	2.00	16.90	6.22	0.02	6.24	6,906.31	6906.33	4 - 14	Chinle/Alluvium Interface
MKTF-26	09/09/21	2.00	16.90	6.26	0.02	6.28	6,906.27	6906.29	4 - 14	Chinle/Alluvium Interface
MKTF-26	10/27/21	2.00	16.90	6.14	0.02	6.16	6,906.39	6906.41	4 - 14	Chinle/Alluvium Interface
MKTF-26	11/02/21	2.00	16.90	ND	NA	6.12	6,906.43	NA	4 - 14	Chinle/Alluvium Interface
MKTF-26	12/09/21	2.00	16.90	6.01	0.19	6.20	6,906.35	6906.50	4 - 14	Chinle/Alluvium Interface
MKTF-26	01/10/22	2.00	16.90	ND	NA	6.06	6,906.49	NA	4 - 14	Chinle/Alluvium Interface
MKTF-26	02/28/22	2.00	16.90	ND	NA	6.05	6,906.50	NA	4 - 14	Chinle/Alluvium Interface
MKTF-26	03/02/22	2.00	16.90	6.03	0.18	6.21	6,906.34	6906.48	4 - 14	Chinle/Alluvium Interface
MKTF-26	04/27/22	2.00	16.90	6.09	0.10	6.19	6,906.36	6906.44	4 - 14	Chinle/Alluvium Interface
MKTF-26	05/05/22	2.00	16.90	6.08	0.12	6.20	6,906.35	6906.45	4 - 14	Chinle/Alluvium Interface
MKTF-26	06/01/22	2.00	16.90	6.20	0.02	6.22	6,906.33	6906.35	4 - 14	Chinle/Alluvium Interface
MKTF-26	07/06/22	2.00	16.90	5.89	0.03	5.92	6,906.63	6906.65	4 - 14	Chinle/Alluvium Interface
MKTF-26	08/08/22	2.00	16.90	5.92	0.02	5.94	6,906.61	6906.63	4 - 14	Chinle/Alluvium Interface
MKTF-26	09/01/22	2.00	16.90	6.20	0.04	6.24	6,906.31	6906.34	4 - 14	Chinle/Alluvium Interface
MKTF-26	10/03/22	2.00	16.90	6.22	0.06	6.28	6,906.27	6906.32	4 - 14	Chinle/Alluvium Interface
MKTF-26	11/02/22	2.00	16.90	6.24	0.07	6.31	6,906.24	6906.30	4 - 14	Chinle/Alluvium Interface
MKTF-26	12/06/22	2.00	16.90	6.27	0.07	6.34	6,906.21	6906.27	4 - 14	Chinle/Alluvium Interface
MKTF-26	01/30/23	2.00	16.90	6.24	0.07	6.31	6,906.24	6906.30	4 - 14	Chinle/Alluvium Interface
MKTF-26	02/28/23	2.00	16.90	6.17	0.09	6.26	6,906.29	6906.36	4 - 14	Chinle/Alluvium Interface
MKTF-26	03/31/23	2.00	16.90	6.12	0.07	6.19	6,906.36	6906.42	4 - 14	Chinle/Alluvium Interface
MKTF-26	04/13/23	2.00	16.90	6.14	0.07	6.21	6,906.34	6906.40	4 - 14	Chinle/Alluvium Interface
MKTF-26	05/16/23	2.00	16.90	6.22	0.07	6.29	6,906.26	6906.32	4 - 14	Chinle/Alluvium Interface
MKTF-26	06/02/23	2.00	16.90	5.90	0.09	5.99	6,906.56	6906.63	4 - 14	Chinle/Alluvium Interface
MKTF-26	07/24/23	2.00	16.90	5.95	0.09	6.04	6,906.51	6906.58	4 - 14	Chinle/Alluvium Interface
MKTF-26	08/23/23	2.00	16.90	ND	NA	7.62	6,904.93	NA	4 - 14	Chinle/Alluvium Interface
MKTF-26	09/06/23	2.00	16.90	ND	NA	7.59	6,904.96	NA	4 - 14	Chinle/Alluvium Interface
MKTF-26	10/25/23	2.00	16.90	ND	NA	10.29	6,902.26	NA	4 - 14	Chinle/Alluvium Interface
MKTF-26	11/14/23	2.00	16.90	ND	NA	9.30	6,903.25	NA	4 - 14	Chinle/Alluvium Interface
MKTF-26	12/01/23	2.00	16.90	ND	NA	8.31	6,904.24	NA	4 - 14	Chinle/Alluvium Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-27	06/01/21	2.00	14.76	ND	NA	4.15	6,911.21	NA	1 - 12	Chinle/Alluvium Interface
MKTF-27	07/21/21	2.00	14.76	ND	NA	3.21	6,912.15	NA	1 - 12	Chinle/Alluvium Interface
MKTF-27	08/26/21	2.00	14.76	ND	NA	4.04	6,911.32	NA	1 - 12	Chinle/Alluvium Interface
MKTF-27	09/09/21	2.00	14.76	ND	NA	4.46	6,910.90	NA	1 - 12	Chinle/Alluvium Interface
MKTF-27	10/27/21	2.00	14.76	ND	NA	3.98	6,911.38	NA	1 - 12	Chinle/Alluvium Interface
MKTF-27	11/17/21	2.00	14.76	ND	NA	4.01	6,911.35	NA	1 - 12	Chinle/Alluvium Interface
MKTF-27	12/13/21	2.00	14.76	ND	NA	4.07	6,911.29	NA	1 - 12	Chinle/Alluvium Interface
MKTF-27	01/10/22	2.00	14.76	ND	NA	4.33	6,911.03	NA	1 - 12	Chinle/Alluvium Interface
MKTF-27	02/28/22	2.00	14.76	ND	NA	4.31	6,911.05	NA	1 - 12	Chinle/Alluvium Interface
MKTF-27	03/01/22	2.00	14.75	ND	NA	4.04	6,911.32	NA	1 - 12	Chinle/Alluvium Interface
MKTF-27	04/27/22	2.00	14.75	ND	NA	3.86	6,911.50	NA	1 - 12	Chinle/Alluvium Interface
MKTF-27	05/05/22	2.00	14.75	ND	NA	4.07	6,911.29	NA	1 - 12	Chinle/Alluvium Interface
MKTF-27	06/01/22	2.00	14.74	ND	NA	4.58	6,910.78	NA	1 - 12	Chinle/Alluvium Interface
MKTF-27	07/06/22	2.00	14.73	ND	NA	4.55	6,910.81	NA	1 - 12	Chinle/Alluvium Interface
MKTF-27	08/08/22	2.00	14.72	ND	NA	4.42	6,910.94	NA	1 - 12	Chinle/Alluvium Interface
MKTF-27	09/01/22	2.00	14.71	ND	NA	4.81	6,910.55	NA	1 - 12	Chinle/Alluvium Interface
MKTF-27	10/03/22	2.00	14.70	ND	NA	4.90	6,910.46	NA	1 - 12	Chinle/Alluvium Interface
MKTF-27	11/02/22	2.00	14.69	ND	NA	6.48	6,908.88	NA	1 - 12	Chinle/Alluvium Interface
MKTF-27	12/08/22	2.00	14.68	ND	NA	4.27	6,911.09	NA	1 - 12	Chinle/Alluvium Interface
MKTF-27	01/30/23	2.00	14.70	ND	NA	4.31	6,911.05	NA	1 - 12	Chinle/Alluvium Interface
MKTF-27	02/28/23	2.00	14.69	ND	NA	4.29	6,911.07	NA	1 - 12	Chinle/Alluvium Interface
MKTF-27	03/07/23	2.00	14.68	ND	NA	3.86	6,911.50	NA	1 - 12	Chinle/Alluvium Interface
MKTF-27	04/13/23	2.00	14.70	ND	NA	4.00	6,911.36	NA	1 - 12	Chinle/Alluvium Interface
MKTF-27	05/16/23	2.00	14.69	ND	NA	4.21	6,911.15	NA	1 - 12	Chinle/Alluvium Interface
MKTF-27	06/02/23	2.00	14.68	ND	NA	4.34	6,911.02	NA	1 - 12	Chinle/Alluvium Interface
MKTF-27	07/24/23	2.00	14.68	ND	NA	4.21	6,911.15	NA	1 - 12	Chinle/Alluvium Interface
MKTF-27	08/23/23	2.00	14.68	ND	NA	5.21	6,910.15	NA	1 - 12	Chinle/Alluvium Interface
MKTF-27	09/06/23	2.00	14.68	ND	NA	5.19	6,910.17	NA	1 - 12	Chinle/Alluvium Interface
MKTF-27	10/25/23	2.00	14.68	ND	NA	5.54	6,909.82	NA	1 - 12	Chinle/Alluvium Interface
MKTF-27	11/14/23	2.00	14.68	ND	NA	5.59	6,909.77	NA	1 - 12	Chinle/Alluvium Interface
MKTF-27	12/06/23	2.00	14.68	ND	NA	4.46	6,910.90	NA	1 - 12	Chinle/Alluvium Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-28	06/01/21	2.00	16.16	ND	NA	5.02	6,913.65	NA	3 - 13	Chinle/Alluvium Interface
MKTF-28	07/21/21	2.00	16.16	ND	NA	5.70	6,912.97	NA	3 - 13	Chinle/Alluvium Interface
MKTF-28	08/26/21	2.00	16.16	ND	NA	6.15	6,912.52	NA	3 - 13	Chinle/Alluvium Interface
MKTF-28	09/09/21	2.00	16.16	ND	NA	5.55	6,913.12	NA	3 - 13	Chinle/Alluvium Interface
MKTF-28	10/27/21	2.00	16.16	ND	NA	8.05	6,910.62	NA	3 - 13	Chinle/Alluvium Interface
MKTF-28	11/17/21	2.00	16.16	ND	NA	5.64	6,913.03	NA	3 - 13	Chinle/Alluvium Interface
MKTF-28	12/13/21	2.00	16.16	ND	NA	4.72	6,913.95	NA	3 - 13	Chinle/Alluvium Interface
MKTF-28	01/10/22	2.00	16.16	ND	NA	4.65	6,914.02	NA	3 - 13	Chinle/Alluvium Interface
MKTF-28	02/28/22	2.00	16.16	ND	NA	4.67	6,914.00	NA	3 - 13	Chinle/Alluvium Interface
MKTF-28	03/01/22	2.00	16.17	ND	NA	4.68	6,913.99	NA	3 - 13	Chinle/Alluvium Interface
MKTF-28	04/27/22	2.00	16.17	ND	NA	4.51	6,914.16	NA	3 - 13	Chinle/Alluvium Interface
MKTF-28	05/05/22	2.00	16.17	ND	NA	4.89	6,913.78	NA	3 - 13	Chinle/Alluvium Interface
MKTF-28	06/01/22	2.00	16.16	ND	NA	6.01	6,912.66	NA	3 - 13	Chinle/Alluvium Interface
MKTF-28	07/06/22	2.00	16.15	ND	NA	5.98	6,912.69	NA	3 - 13	Chinle/Alluvium Interface
MKTF-28	08/08/22	2.00	16.14	ND	NA	5.90	6,912.77	NA	3 - 13	Chinle/Alluvium Interface
MKTF-28	09/01/22	2.00	16.13	ND	NA	6.05	6,912.62	NA	3 - 13	Chinle/Alluvium Interface
MKTF-28	10/03/22	2.00	16.12	ND	NA	6.18	6,912.49	NA	3 - 13	Chinle/Alluvium Interface
MKTF-28	11/03/22	2.00	16.11	ND	NA	6.13	6,912.54	NA	3 - 13	Chinle/Alluvium Interface
MKTF-28	12/08/22	2.00	16.10	ND	NA	7.40	6,911.27	NA	3 - 13	Chinle/Alluvium Interface
MKTF-28	01/30/23	2.00	16.12	ND	NA	7.38	6,911.29	NA	3 - 13	Chinle/Alluvium Interface
MKTF-28	02/28/23	2.00	16.11	ND	NA	7.35	6,911.32	NA	3 - 13	Chinle/Alluvium Interface
MKTF-28	03/07/23	2.00	16.10	ND	NA	5.42	6,913.25	NA	3 - 13	Chinle/Alluvium Interface
MKTF-28	04/13/23	2.00	16.12	ND	NA	5.45	6,913.22	NA	3 - 13	Chinle/Alluvium Interface
MKTF-28	05/16/23	2.00	16.11	ND	NA	5.48	6,913.19	NA	3 - 13	Chinle/Alluvium Interface
MKTF-28	06/02/23	2.00	16.10	ND	NA	5.34	6,913.33	NA	3 - 13	Chinle/Alluvium Interface
MKTF-28	07/24/23	2.00	16.12	ND	NA	5.25	6,913.42	NA	3 - 13	Chinle/Alluvium Interface
MKTF-28	08/23/23	2.00	16.11	ND	NA	5.20	6,913.47	NA	3 - 13	Chinle/Alluvium Interface
MKTF-28	09/06/23	2.00	16.10	ND	NA	5.16	6,913.51	NA	3 - 13	Chinle/Alluvium Interface
MKTF-28	10/25/23	2.00	16.10	ND	NA	5.35	6,913.32	NA	3 - 13	Chinle/Alluvium Interface
MKTF-28	11/14/23	2.00	16.10	ND	NA	10.76	6,907.91	NA	3 - 13	Chinle/Alluvium Interface
MKTF-28	12/06/23	2.00	16.10	ND	NA	9.38	6,909.29	NA	3 - 13	Chinle/Alluvium Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-29	06/01/21	2.00	22.83	ND	NA	1.33	6,897.50	NA	10 - 20	Chinle/Alluvium Interface
MKTF-29	07/21/21	2.00	22.83	ND	NA	5.11	6,893.72	NA	10 - 20	Chinle/Alluvium Interface
MKTF-29	08/26/21	2.00	22.83	ND	NA	5.52	6,893.31	NA	10 - 20	Chinle/Alluvium Interface
MKTF-29	09/09/21	2.00	22.83	ND	NA	5.96	6,892.87	NA	10 - 20	Chinle/Alluvium Interface
MKTF-29	10/27/21	2.00	22.83	ND	NA	4.53	6,894.30	NA	10 - 20	Chinle/Alluvium Interface
MKTF-29	11/17/21	2.00	22.83	ND	NA	4.29	6,894.54	NA	10 - 20	Chinle/Alluvium Interface
MKTF-29	12/13/21	2.00	22.83	ND	NA	3.66	6,895.17	NA	10 - 20	Chinle/Alluvium Interface
MKTF-29	01/10/22	2.00	22.83	ND	NA	3.85	6,894.98	NA	10 - 20	Chinle/Alluvium Interface
MKTF-29	02/28/22	2.00	22.83	ND	NA	3.86	6,894.97	NA	10 - 20	Chinle/Alluvium Interface
MKTF-29	03/01/22	2.00	22.84	ND	NA	3.63	6,895.20	NA	10 - 20	Chinle/Alluvium Interface
MKTF-29	04/27/22	2.00	22.84	ND	NA	3.76	6,895.07	NA	10 - 20	Chinle/Alluvium Interface
MKTF-29	05/05/22	2.00	22.84	ND	NA	4.08	6,894.75	NA	10 - 20	Chinle/Alluvium Interface
MKTF-29	06/01/22	2.00	22.85	ND	NA	4.28	6,894.55	NA	10 - 20	Chinle/Alluvium Interface
MKTF-29	07/06/22	2.00	22.86	ND	NA	4.39	6,894.44	NA	10 - 20	Chinle/Alluvium Interface
MKTF-29	08/08/22	2.00	22.87	ND	NA	4.59	6,894.24	NA	10 - 20	Chinle/Alluvium Interface
MKTF-29	09/01/22	2.00	22.88	ND	NA	6.01	6,892.82	NA	10 - 20	Chinle/Alluvium Interface
MKTF-29	10/03/22	2.00	22.89	ND	NA	6.04	6,892.79	NA	10 - 20	Chinle/Alluvium Interface
MKTF-29	11/03/22	2.00	22.90	ND	NA	6.22	6,892.61	NA	10 - 20	Chinle/Alluvium Interface
MKTF-29	12/09/22	2.00	22.91	ND	NA	3.46	6,895.37	NA	10 - 20	Chinle/Alluvium Interface
MKTF-29	1/30/2023	2.00	22.89	ND	NA	3.44	6,895.39	NA	10 - 20	Chinle/Alluvium Interface
MKTF-29	2/28/2023	2.00	22.90	ND	NA	3.43	6,895.40	NA	10 - 20	Chinle/Alluvium Interface
MKTF-29	3/7/2023	2.00	22.91	ND	NA	2.83	6,896.00	NA	10 - 20	Chinle/Alluvium Interface
MKTF-29	4/13/2023	2.00	22.89	ND	NA	2.96	6,895.87	NA	10 - 20	Chinle/Alluvium Interface
MKTF-29	5/16/2023	2.00	22.90	ND	NA	3.01	6,895.82	NA	10 - 20	Chinle/Alluvium Interface
MKTF-29	06/02/23	2.00	22.91	ND	NA	2.98	6,895.85	NA	10 - 20	Chinle/Alluvium Interface
MKTF-29	07/24/23	2.00	22.91	ND	NA	2.98	6,895.85	NA	10 - 20	Chinle/Alluvium Interface
MKTF-29	08/23/23	2.00	22.91	ND	NA	2.84	6,895.99	NA	10 - 20	Chinle/Alluvium Interface
MKTF-29	09/06/23	2.00	22.91	ND	NA	2.81	6,896.02	NA	10 - 20	Chinle/Alluvium Interface
MKTF-29	10/25/23	2.00	22.91	ND	NA	2.78	6,896.05	NA	10 - 20	Chinle/Alluvium Interface
MKTF-29	11/14/23	2.00	22.91	ND	NA	6.92	6,891.91	NA	10 - 20	Chinle/Alluvium Interface
MKTF-29	12/06/23	2.00	22.91	ND	NA	11.22	6,887.61	NA	10 - 20	Chinle/Alluvium Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-30	06/01/21	2.00	22.95	ND	NA	13.62	6,884.48	NA	10 - 20	Chinle/Alluvium Interface
MKTF-30	07/21/21	2.00	22.95	ND	NA	14.33	6,883.77	NA	10 - 20	Chinle/Alluvium Interface
MKTF-30	08/26/21	2.00	22.95	ND	NA	14.62	6,883.48	NA	10 - 20	Chinle/Alluvium Interface
MKTF-30	09/09/21	2.00	22.95	ND	NA	14.69	6,883.41	NA	10 - 20	Chinle/Alluvium Interface
MKTF-30	10/27/21	2.00	22.95	ND	NA	14.60	6,883.50	NA	10 - 20	Chinle/Alluvium Interface
MKTF-30	11/17/21	2.00	22.95	ND	NA	14.62	6,883.48	NA	10 - 20	Chinle/Alluvium Interface
MKTF-30	12/13/21	2.00	22.95	ND	NA	14.51	6,883.59	NA	10 - 20	Chinle/Alluvium Interface
MKTF-30	01/10/22	2.00	22.95	ND	NA	14.43	6,883.67	NA	10 - 20	Chinle/Alluvium Interface
MKTF-30	02/28/22	2.00	22.95	ND	NA	14.47	6,883.63	NA	10 - 20	Chinle/Alluvium Interface
MKTF-30	03/01/22	2.00	22.95	ND	NA	15.00	6,883.10	NA	10 - 20	Chinle/Alluvium Interface
MKTF-30	04/27/22	2.00	22.95	ND	NA	15.40	6,882.70	NA	10 - 20	Chinle/Alluvium Interface
MKTF-30	05/05/22	2.00	22.95	ND	NA	15.30	6,882.80	NA	10 - 20	Chinle/Alluvium Interface
MKTF-30	06/01/22	2.00	22.95	ND	NA	14.93	6,883.17	NA	10 - 20	Chinle/Alluvium Interface
MKTF-30	07/06/22	2.00	22.95	ND	NA	14.27	6,883.83	NA	10 - 20	Chinle/Alluvium Interface
MKTF-30	08/08/22	2.00	22.95	ND	NA	14.40	6,883.70	NA	10 - 20	Chinle/Alluvium Interface
MKTF-30	09/01/22	2.00	22.95	ND	NA	14.15	6,883.95	NA	10 - 20	Chinle/Alluvium Interface
MKTF-30	10/03/22	2.00	22.95	ND	NA	14.12	6,883.98	NA	10 - 20	Chinle/Alluvium Interface
MKTF-30	11/03/22	2.00	22.95	ND	NA	14.10	6,884.00	NA	10 - 20	Chinle/Alluvium Interface
MKTF-30	12/29/22	2.00	22.95	ND	NA	13.72	6,884.38	NA	10 - 20	Chinle/Alluvium Interface
MKTF-30	01/30/23	2.00	22.95	ND	NA	13.69	6,884.41	NA	10 - 20	Chinle/Alluvium Interface
MKTF-30	02/28/23	2.00	22.95	ND	NA	13.72	6,884.38	NA	10 - 20	Chinle/Alluvium Interface
MKTF-30	03/07/23	2.00	22.95	ND	NA	12.95	6,885.15	NA	10 - 20	Chinle/Alluvium Interface
MKTF-30	04/13/23	2.00	22.95	ND	NA	12.85	6,885.25	NA	10 - 20	Chinle/Alluvium Interface
MKTF-30	05/16/23	2.00	22.95	ND	NA	13.10	6,885.00	NA	10 - 20	Chinle/Alluvium Interface
MKTF-30	06/02/23	2.00	22.95	ND	NA	12.49	6,885.61	NA	10 - 20	Chinle/Alluvium Interface
MKTF-30	07/24/23	2.00	22.95	ND	NA	12.45	6,885.65	NA	10 - 20	Chinle/Alluvium Interface
MKTF-30	08/23/23	2.00	22.95	ND	NA	12.37	6,885.73	NA	10 - 20	Chinle/Alluvium Interface
MKTF-30	09/06/23	2.00	22.95	ND	NA	12.40	6,885.70	NA	10 - 20	Chinle/Alluvium Interface
MKTF-30	10/25/23	2.00	22.95	ND	NA	12.16	6,885.94	NA	10 - 20	Chinle/Alluvium Interface
MKTF-30	11/14/23	2.00	22.95	ND	NA	15.53	6,882.57	NA	10 - 20	Chinle/Alluvium Interface
MKTF-30	12/06/23	2.00	22.95	ND	NA	14.90	6,883.20	NA	10 - 20	Chinle/Alluvium Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-31	06/01/21	2.00	19.36	ND	NA	5.82	6,898.44	NA	6 - 21	Chinle/Alluvium Interface
MKTF-31	07/21/21	2.00	19.36	ND	NA	6.02	6,898.24	NA	6 - 21	Chinle/Alluvium Interface
MKTF-31	08/26/21	2.00	19.36	ND	NA	6.64	6,897.62	NA	6 - 21	Chinle/Alluvium Interface
MKTF-31	09/09/21	2.00	19.35	ND	NA	6.79	6,897.47	NA	6 - 21	Chinle/Alluvium Interface
MKTF-31	10/27/21	2.00	19.35	ND	NA	6.83	6,897.43	NA	6 - 21	Chinle/Alluvium Interface
MKTF-31	11/17/21	2.00	19.35	ND	NA	6.71	6,897.55	NA	6 - 21	Chinle/Alluvium Interface
MKTF-31	12/15/21	2.00	19.33	ND	NA	6.73	6,897.53	NA	6 - 21	Chinle/Alluvium Interface
MKTF-31	01/10/22	2.00	19.33	ND	NA	6.69	6,897.57	NA	6 - 21	Chinle/Alluvium Interface
MKTF-31	02/28/22	2.00	19.33	ND	NA	6.39	6,897.87	NA	6 - 21	Chinle/Alluvium Interface
MKTF-31	03/02/22	2.00	19.35	ND	NA	6.69	6,897.57	NA	6 - 21	Chinle/Alluvium Interface
MKTF-31	04/27/22	2.00	19.35	ND	NA	7.03	6,897.23	NA	6 - 21	Chinle/Alluvium Interface
MKTF-31	05/05/22	2.00	19.35	ND	NA	6.70	6,897.56	NA	6 - 21	Chinle/Alluvium Interface
MKTF-31	06/01/22	2.00	19.38	ND	NA	6.61	6,897.65	NA	6 - 21	Chinle/Alluvium Interface
MKTF-31	07/06/22	2.00	19.41	ND	NA	6.90	6,897.36	NA	6 - 21	Chinle/Alluvium Interface
MKTF-31	08/08/22	2.00	19.44	ND	NA	6.77	6,897.49	NA	6 - 21	Chinle/Alluvium Interface
MKTF-31	09/01/22	2.00	19.47	ND	NA	6.99	6,897.27	NA	6 - 21	Chinle/Alluvium Interface
MKTF-31	10/03/22	2.00	19.50	ND	NA	6.94	6,897.32	NA	6 - 21	Chinle/Alluvium Interface
MKTF-31	11/03/22	2.00	19.53	ND	NA	7.02	6,897.24	NA	6 - 21	Chinle/Alluvium Interface
MKTF-31	12/08/22	2.00	19.56	ND	NA	7.04	6,897.22	NA	6 - 21	Chinle/Alluvium Interface
MKTF-31	1/30/2023	2.00	19.50	ND	NA	7.15	6,897.11	NA	6 - 21	Chinle/Alluvium Interface
MKTF-31	2/28/2023	2.00	19.53	ND	NA	7.13	6,897.13	NA	6 - 21	Chinle/Alluvium Interface
MKTF-31	3/7/2023	2.00	19.56	ND	NA	6.84	6,897.42	NA	6 - 21	Chinle/Alluvium Interface
MKTF-31	4/13/2023	2.00	19.50	ND	NA	6.90	6,897.36	NA	6 - 21	Chinle/Alluvium Interface
MKTF-31	5/15/2023	2.00	19.53	ND	NA	7.07	6,897.19	NA	6 - 21	Chinle/Alluvium Interface
MKTF-31	6/11/2023	2.00	19.56	ND	NA	6.83	6,897.43	NA	6 - 21	Chinle/Alluvium Interface
MKTF-31	7/24/2023	2.00	19.56	ND	NA	6.79	6,897.47	NA	6 - 21	Chinle/Alluvium Interface
MKTF-31	8/23/2023	2.00	19.56	ND	NA	6.91	6,897.35	NA	6 - 21	Chinle/Alluvium Interface
MKTF-31	9/6/2023	2.00	19.56	ND	NA	6.87	6,897.39	NA	6 - 21	Chinle/Alluvium Interface
MKTF-31	10/11/2023	2.00	19.56	6.04	5.15	11.19	6,893.07	6897.19	6 - 21	Chinle/Alluvium Interface
MKTF-31	11/13/2023	2.00	19.56	6.24	4.65	10.89	6,893.37	6897.09	6 - 21	Chinle/Alluvium Interface
MKTF-31	12/12/2023	2.00	19.56	7.19	0.41	7.60	6,896.66	6896.99	6 - 21	Chinle/Alluvium Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-32	06/01/21	2.00	27.79	ND	NA	11.19	6,897.25	NA	9- 26	Chinle/Alluvium Interface
MKTF-32	07/21/21	2.00	27.79	ND	NA	11.55	6,896.89	NA	9- 26	Chinle/Alluvium Interface
MKTF-32	08/25/21	2.00	27.79	ND	NA	12.28	6,896.16	NA	9- 26	Chinle/Alluvium Interface
MKTF-32	09/09/21	2.00	27.79	ND	NA	12.53	6,895.91	NA	9- 26	Chinle/Alluvium Interface
MKTF-32	10/27/21	2.00	27.79	ND	NA	11.80	6,896.64	NA	9- 26	Chinle/Alluvium Interface
MKTF-32	11/17/21	2.00	27.79	ND	NA	11.88	6,896.56	NA	9- 26	Chinle/Alluvium Interface
MKTF-32	12/03/21	2.00	27.50	ND	NA	11.81	6,896.63	NA	9- 26	Chinle/Alluvium Interface
MKTF-32	01/10/22	2.00	27.50	ND	NA	11.58	6,896.86	NA	9- 26	Chinle/Alluvium Interface
MKTF-32	02/28/22	2.00	27.50	ND	NA	11.59	6,896.85	NA	9- 26	Chinle/Alluvium Interface
MKTF-32	03/01/22	2.00	27.78	ND	NA	11.75	6,896.69	NA	9- 26	Chinle/Alluvium Interface
MKTF-32	04/27/22	2.00	27.78	ND	NA	11.53	6,896.91	NA	9- 26	Chinle/Alluvium Interface
MKTF-32	05/05/22	2.00	27.78	ND	NA	11.60	6,896.84	NA	9- 26	Chinle/Alluvium Interface
MKTF-32	06/01/22	2.00	27.80	ND	NA	12.08	6,896.36	NA	9- 26	Chinle/Alluvium Interface
MKTF-32	07/06/22	2.00	27.82	ND	NA	12.16	6,896.28	NA	9- 26	Chinle/Alluvium Interface
MKTF-32	08/08/22	2.00	27.84	ND	NA	12.53	6,895.91	NA	9- 26	Chinle/Alluvium Interface
MKTF-32	09/01/22	2.00	27.86	ND	NA	11.83	6,896.61	NA	9- 26	Chinle/Alluvium Interface
MKTF-32	10/03/22	2.00	27.88	ND	NA	12.13	6,896.31	NA	9- 26	Chinle/Alluvium Interface
MKTF-32	11/03/22	2.00	27.90	ND	NA	12.08	6,896.36	NA	9- 26	Chinle/Alluvium Interface
MKTF-32	12/06/22	2.00	27.92	ND	NA	7.14	6,901.30	NA	9- 26	Chinle/Alluvium Interface
MKTF-32	1/30/2023	2.00	27.88	ND	NA	7.20	6,901.24	NA	9- 26	Chinle/Alluvium Interface
MKTF-32	2/28/2023	2.00	27.90	ND	NA	10.18	6,898.26	NA	9- 26	Chinle/Alluvium Interface
MKTF-32	3/6/2023	2.00	27.92	ND	NA	11.81	6,896.63	NA	9- 26	Chinle/Alluvium Interface
MKTF-32	4/11/2023	2.00	27.88	ND	NA	11.58	6,896.86	NA	9- 26	Chinle/Alluvium Interface
MKTF-32	5/15/2023	2.00	27.90	ND	NA	11.71	6,896.73	NA	9- 26	Chinle/Alluvium Interface
MKTF-32	6/1/2023	2.00	27.92	ND	NA	11.91	6,896.53	NA	9- 26	Chinle/Alluvium Interface
MKTF-32	7/24/2023	2.00	27.92	ND	NA	11.91	6,896.53	NA	9- 26	Chinle/Alluvium Interface
MKTF-32	8/21/2023	2.00	27.92	ND	NA	12.38	6,896.06	NA	9- 26	Chinle/Alluvium Interface
MKTF-32	9/6/2023	2.00	27.92	ND	NA	12.33	6,896.11	NA	9- 26	Chinle/Alluvium Interface
MKTF-32	10/25/2023	2.00	27.92	ND	NA	12.32	6,896.12	NA	9- 26	Chinle/Alluvium Interface
MKTF-32	11/13/2023	2.00	27.92	ND	NA	12.49	6,895.95	NA	9- 26	Chinle/Alluvium Interface
MKTF-32	12/13/2023	2.00	27.92	ND	NA	12.50	6,895.94	NA	9- 26	Chinle/Alluvium Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-33	06/01/21	2.00	33.28	19.91	0.38	20.29	6,916.30	6916.60	20 - 30	Chinle/Alluvium Interface
MKTF-33	07/07/21	2.00	33.28	20.19	0.05	20.24	6,916.35	6916.39	20 - 30	Chinle/Alluvium Interface
MKTF-33	08/25/21	2.00	33.28	20.29	0.15	20.44	6,916.15	6916.27	20 - 30	Chinle/Alluvium Interface
MKTF-33	09/09/21	2.00	33.28	20.31	0.18	20.49	6,916.10	6916.24	20 - 30	Chinle/Alluvium Interface
MKTF-33	10/27/21	2.00	33.28	20.22	0.03	20.25	6,916.34	6916.36	20 - 30	Chinle/Alluvium Interface
MKTF-33	11/02/21	2.00	33.28	20.19	0.02	20.21	6,916.38	6916.40	20 - 30	Chinle/Alluvium Interface
MKTF-33	12/03/21	2.00	33.28	20.13	0.04	20.17	6,916.42	6916.45	20 - 30	Chinle/Alluvium Interface
MKTF-33	01/10/22	2.00	33.28	20.04	0.15	20.19	6,916.40	6916.52	20 - 30	Chinle/Alluvium Interface
MKTF-33	02/28/22	2.00	33.28	19.76	0.02	19.78	6,916.81	6916.83	20 - 30	Chinle/Alluvium Interface
MKTF-33	03/01/22	2.00	33.10	20.09	0.04	20.13	6,916.46	6916.49	20 - 30	Chinle/Alluvium Interface
MKTF-33	04/27/22	2.00	33.10	19.99	0.04	20.03	6,916.56	6916.59	20 - 30	Chinle/Alluvium Interface
MKTF-33	05/04/22	2.00	33.10	20.07	0.02	20.09	6,916.50	6916.52	20 - 30	Chinle/Alluvium Interface
MKTF-33	06/01/22	2.00	33.12	20.24	0.06	20.30	6,916.29	6916.34	20 - 30	Chinle/Alluvium Interface
MKTF-33	07/06/22	2.00	33.14	20.06	0.03	20.09	6,916.50	6916.52	20 - 30	Chinle/Alluvium Interface
MKTF-33	08/08/22	2.00	33.16	20.02	0.04	20.06	6,916.53	6916.56	20 - 30	Chinle/Alluvium Interface
MKTF-33	09/01/22	2.00	33.18	20.18	0.04	20.22	6,916.37	6916.40	20 - 30	Chinle/Alluvium Interface
MKTF-33	10/03/22	2.00	33.20	20.29	0.05	20.34	6,916.25	6916.29	20 - 30	Chinle/Alluvium Interface
MKTF-33	11/03/22	2.00	33.22	20.30	0.07	20.37	6,916.22	6916.28	20 - 30	Chinle/Alluvium Interface
MKTF-33	12/06/22	2.00	33.24	20.32	0.07	20.39	6,916.20	6916.26	20 - 30	Chinle/Alluvium Interface
MKTF-33	1/30/2023	2.00	33.20	20.39	0.07	20.46	6,916.13	6916.19	20 - 30	Chinle/Alluvium Interface
MKTF-33	2/28/2023	2.00	33.22	20.05	0.07	20.12	6,916.47	6916.53	20 - 30	Chinle/Alluvium Interface
MKTF-33	3/6/2023	2.00	33.24	20.14	0.04	20.18	6,916.41	6916.44	20 - 30	Chinle/Alluvium Interface
MKTF-33	4/11/2023	2.00	33.20	19.84	0.05	19.89	6,916.70	6916.74	20 - 30	Chinle/Alluvium Interface
MKTF-33	5/15/2023	2.00	33.22	ND	NA	19.99	6,916.60	NA	20 - 30	Chinle/Alluvium Interface
MKTF-33	6/2/2023	2.00	33.24	ND	NA	20.01	6,916.58	NA	20 - 30	Chinle/Alluvium Interface
MKTF-33	7/24/2023	2.00	33.20	ND	NA	19.94	6,916.65	NA	20 - 30	Chinle/Alluvium Interface
MKTF-33	8/21/2023	2.00	33.22	20.55	0.02	20.57	6,916.02	6916.04	20 - 30	Chinle/Alluvium Interface
MKTF-33	9/6/2023	2.00	33.24	20.50	0.03	20.53	6,916.06	6916.08	20 - 30	Chinle/Alluvium Interface
MKTF-33	10/25/2023	2.00	33.24	20.64	0.04	20.68	6,915.91	6915.94	20 - 30	Chinle/Alluvium Interface
MKTF-33	11/13/2023	2.00	33.24	20.89	0.15	21.04	6,915.55	6915.67	20 - 30	Chinle/Alluvium Interface
MKTF-33	12/13/2023	2.00	33.24	21.30	0.01	21.31	6,915.28	6915.29	20 - 30	Chinle/Alluvium Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-34	06/01/21	2.00	27.79	ND	NA	17.30	6,925.12	NA	9 - 24	Chinle/Alluvium Interface
MKTF-34	07/21/21	2.00	27.79	ND	NA	17.28	6,925.14	NA	9 - 24	Chinle/Alluvium Interface
MKTF-34	08/25/21	2.00	27.79	ND	NA	16.87	6,925.55	NA	9 - 24	Chinle/Alluvium Interface
MKTF-34	09/09/21	2.00	27.79	ND	NA	16.97	6,925.45	NA	9 - 24	Chinle/Alluvium Interface
MKTF-34	10/27/21	2.00	27.79	ND	NA	16.45	6,925.97	NA	9 - 24	Chinle/Alluvium Interface
MKTF-34	11/17/21	2.00	27.79	ND	NA	16.51	6,925.91	NA	9 - 24	Chinle/Alluvium Interface
MKTF-34	12/03/21	2.00	27.79	ND	NA	16.67	6,925.75	NA	9 - 24	Chinle/Alluvium Interface
MKTF-34	01/10/22	2.00	27.79	ND	NA	16.69	6,925.73	NA	9 - 24	Chinle/Alluvium Interface
MKTF-34	02/28/22	2.00	27.79	ND	NA	16.68	6,925.74	NA	9 - 24	Chinle/Alluvium Interface
MKTF-34	03/01/22	2.00	27.72	ND	NA	15.76	6,926.66	NA	9 - 24	Chinle/Alluvium Interface
MKTF-34	04/27/22	2.00	27.72	ND	NA	15.98	6,926.44	NA	9 - 24	Chinle/Alluvium Interface
MKTF-34	05/05/22	2.00	27.72	ND	NA	16.00	6,926.42	NA	9 - 24	Chinle/Alluvium Interface
MKTF-34	06/01/22	2.00	27.72	15.77	0.02	15.79	6,926.63	6,926.65	9 - 24	Chinle/Alluvium Interface
MKTF-34	07/06/22	2.00	27.72	14.70	0.69	15.39	6,927.03	6,927.58	9 - 24	Chinle/Alluvium Interface
MKTF-34	08/08/22	2.00	27.72	14.91	0.82	15.73	6,926.69	6,927.35	9 - 24	Chinle/Alluvium Interface
MKTF-34	09/01/22	2.00	27.72	15.73	0.03	15.76	6,926.66	6,926.68	9 - 24	Chinle/Alluvium Interface
MKTF-34	10/03/22	2.00	27.72	15.72	0.04	15.76	6,926.66	6,926.69	9 - 24	Chinle/Alluvium Interface
MKTF-34	11/03/22	2.00	27.72	15.71	0.06	15.77	6,926.65	6,926.70	9 - 24	Chinle/Alluvium Interface
MKTF-34	12/06/22	2.00	27.72	15.82	0.07	15.89	6,926.53	NA	9 - 24	Chinle/Alluvium Interface
MKTF-34	1/30/2023	2.00	27.72	15.77	0.08	15.85	6,926.57	6,926.63	9 - 24	Chinle/Alluvium Interface
MKTF-34	2/28/2023	2.00	27.72	8.40	0.01	8.41	6,934.01	6,934.02	9 - 24	Chinle/Alluvium Interface
MKTF-34	3/6/2023	2.00	27.72	8.43	0.01	8.44	6,933.98	NA	9 - 24	Chinle/Alluvium Interface
MKTF-34	4/12/2023	2.00	27.72	13.81	0.01	13.82	6,928.60	6,928.61	9 - 24	Chinle/Alluvium Interface
MKTF-34	5/15/2023	2.00	27.72	ND	NA	15.74	6,926.68	NA	9 - 24	Chinle/Alluvium Interface
MKTF-34	6/2/2023	2.00	27.72	ND	NA	16.47	6,925.95	NA	9 - 24	Chinle/Alluvium Interface
MKTF-34	7/24/2023	2.00	27.72	ND	NA	16.37	6,926.05	NA	9 - 24	Chinle/Alluvium Interface
MKTF-34	8/21/2023	2.00	27.72	ND	NA	17.54	6,924.88	NA	9 - 24	Chinle/Alluvium Interface
MKTF-34	9/6/2023	2.00	27.72	ND	NA	17.51	6,924.91	NA	9 - 24	Chinle/Alluvium Interface
MKTF-34	10/25/2023	2.00	27.72	ND	NA	17.57	6,924.85	NA	9 - 24	Chinle/Alluvium Interface
MKTF-34	11/13/2023	2.00	27.72	ND	NA	17.92	6,924.50	NA	9 - 24	Chinle/Alluvium Interface
MKTF-34	12/13/2023	2.00	27.72	ND	NA	16.68	6,925.74	NA	9 - 24	Chinle/Alluvium Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-35	06/01/21	2.00	16.55	ND	NA	9.72	6,942.18	NA	6 - 16	Chinle/Alluvium Interface
MKTF-35	07/21/21	2.00	16.55	ND	NA	9.72	6,942.18	NA	6 - 16	Chinle/Alluvium Interface
MKTF-35	08/25/21	2.00	16.55	ND	NA	9.91	6,941.99	NA	6 - 16	Chinle/Alluvium Interface
MKTF-35	09/09/21	2.00	16.55	ND	NA	10.06	6,941.84	NA	6 - 16	Chinle/Alluvium Interface
MKTF-35	10/27/21	2.00	16.55	ND	NA	10.12	6,941.78	NA	6 - 16	Chinle/Alluvium Interface
MKTF-35	11/17/21	2.00	16.55	ND	NA	10.24	6,941.66	NA	6 - 16	Chinle/Alluvium Interface
MKTF-35	12/02/21	2.00	16.48	ND	NA	10.40	6,941.50	NA	6 - 16	Chinle/Alluvium Interface
MKTF-35	01/10/22	2.00	16.48	ND	NA	10.23	6,941.67	NA	6 - 16	Chinle/Alluvium Interface
MKTF-35	02/28/22	2.00	16.48	ND	NA	10.25	6,941.65	NA	6 - 16	Chinle/Alluvium Interface
MKTF-35	03/01/22	2.00	16.48	ND	NA	10.35	6,941.55	NA	6 - 16	Chinle/Alluvium Interface
MKTF-35	04/27/22	2.00	16.48	ND	NA	10.65	6,941.25	NA	6 - 16	Chinle/Alluvium Interface
MKTF-35	05/05/22	2.00	16.48	ND	NA	10.64	6,941.26	NA	6 - 16	Chinle/Alluvium Interface
MKTF-35	06/01/22	2.00	16.49	ND	NA	10.70	6,941.20	NA	6 - 16	Chinle/Alluvium Interface
MKTF-35	07/06/22	2.00	16.50	ND	NA	12.35	6,939.55	NA	6 - 16	Chinle/Alluvium Interface
MKTF-35	08/08/22	2.00	16.51	ND	NA	11.48	6,940.42		6 - 16	Chinle/Alluvium Interface
MKTF-35	09/01/22	2.00	16.52	10.16	0.05	10.21	6,941.69	6941.73	6 - 16	Chinle/Alluvium Interface
MKTF-35	10/03/22	2.00	16.53	10.27	0.05	10.32	6,941.58	6941.62	6 - 16	Chinle/Alluvium Interface
MKTF-35	11/03/22	2.00	16.54	10.25	0.03	10.28	6,941.62	6941.64	6 - 16	Chinle/Alluvium Interface
MKTF-35	12/06/22	2.00	16.55	10.26	0.04	10.30	6,941.60	6941.63	6 - 16	Chinle/Alluvium Interface
MKTF-35	1/30/2023	2.00	16.53	10.36	0.04	10.40	6,941.50	6941.53	6 - 16	Chinle/Alluvium Interface
MKTF-35	2/28/2023	2.00	16.54	10.68	0.04	10.72	6,941.18	6941.21	6 - 16	Chinle/Alluvium Interface
MKTF-35	3/7/2023	2.00	16.55	10.32	0.07	10.39	6,941.51	6941.57	6 - 16	Chinle/Alluvium Interface
MKTF-35	4/12/2023	2.00	16.53	9.98	0.01	9.99	6,941.91	6941.92	6 - 16	Chinle/Alluvium Interface
MKTF-35	5/16/2023	2.00	16.54	10.05	0.02	10.07	6,941.83	6941.85	6 - 16	Chinle/Alluvium Interface
MKTF-35	6/2/2023	2.00	16.55	ND	NA	9.90	6,942.00	NA	6 - 16	Chinle/Alluvium Interface
MKTF-35	7/24/2023	2.00	16.55	ND	NA	9.95	6,941.95	NA	6 - 16	Chinle/Alluvium Interface
MKTF-35	8/22/2023	2.00	16.55	ND	NA	9.96	6,941.94	NA	6 - 16	Chinle/Alluvium Interface
MKTF-35	9/6/2023	2.00	16.55	ND	NA	9.91	6,941.99	NA	6 - 16	Chinle/Alluvium Interface
MKTF-35	10/25/2023	2.00	16.55	ND	NA	10.06	6,941.84	NA	6 - 16	Chinle/Alluvium Interface
MKTF-35	11/13/2023	2.00	16.55	ND	NA	10.07	6,941.83	NA	6 - 16	Chinle/Alluvium Interface
MKTF-35	12/13/2023	2.00	16.55	ND	NA	9.83	6,942.07	NA	6 - 16	Chinle/Alluvium Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-36	06/01/21	2.00	15.58	ND	NA	8.50	6,945.40	NA	5 - 15	Chinle/Alluvium Interface
MKTF-36	07/21/21	2.00	15.58	8.59	0.05	8.64	6,945.26	6945.30	5 - 15	Chinle/Alluvium Interface
MKTF-36	08/25/21	2.00	15.58	8.84	0.15	8.99	6,944.91	6945.03	5 - 15	Chinle/Alluvium Interface
MKTF-36	09/08/21	2.00	15.58	8.83	0.12	8.95	6,944.95	6945.05	5 - 15	Chinle/Alluvium Interface
MKTF-36	10/27/21	2.00	15.58	9.09	0.15	9.24	6,944.66	6944.78	5 - 15	Chinle/Alluvium Interface
MKTF-36	11/17/21	2.00	15.58	9.15	0.10	9.25	6,944.65	6944.73	5 - 15	Chinle/Alluvium Interface
MKTF-36	12/09/21	2.00	15.58	8.80	0.19	8.99	6,944.91	6945.06	5 - 15	Chinle/Alluvium Interface
MKTF-36	01/10/22	2.00	15.58	8.76	0.20	8.96	6,944.94	6945.10	5 - 15	Chinle/Alluvium Interface
MKTF-36	02/28/22	2.00	15.58	8.69	0.30	8.99	6,944.91	6945.15	5 - 15	Chinle/Alluvium Interface
MKTF-36	03/02/22	2.00	15.58	8.76	0.18	8.94	6,944.96	6945.10	5 - 15	Chinle/Alluvium Interface
MKTF-36	04/27/22	2.00	15.58	9.46	0.08	9.54	6,944.36	6944.42	5 - 15	Chinle/Alluvium Interface
MKTF-36	05/04/22	2.00	15.58	9.39	0.10	9.49	6,944.41	6944.49	5 - 15	Chinle/Alluvium Interface
MKTF-36	06/01/22	2.00	15.60	8.74	0.17	8.91	6,944.99	6945.13	5 - 15	Chinle/Alluvium Interface
MKTF-36	07/06/22	2.00	15.62	8.91	0.07	8.98	6,944.92	6944.98	5 - 15	Chinle/Alluvium Interface
MKTF-36	08/08/22	2.00	15.64	8.86	0.07	8.93	6,944.97	6945.03	5 - 15	Chinle/Alluvium Interface
MKTF-36	09/01/22	2.00	15.66	8.66	0.07	8.73	6,945.17	6945.23	5 - 15	Chinle/Alluvium Interface
MKTF-36	10/03/22	2.00	15.68	8.70	0.07	8.77	6,945.13	6945.19	5 - 15	Chinle/Alluvium Interface
MKTF-36	11/03/22	2.00	15.70	8.72	0.07	8.79	6,945.11	6945.17	5 - 15	Chinle/Alluvium Interface
MKTF-36	12/06/22	2.00	15.72	8.79	0.08	8.87	6,945.03	6945.09	5 - 15	Chinle/Alluvium Interface
MKTF-36	01/30/23	2.00	15.68	8.82	0.06	8.88	6,945.02	6945.07	5 - 15	Chinle/Alluvium Interface
MKTF-36	02/28/23	2.00	15.70	9.42	0.06	9.48	6,944.42	6944.47	5 - 15	Chinle/Alluvium Interface
MKTF-36	03/07/23	2.00	15.72	9.60	0.14	9.74	6,944.16	6944.27	5 - 15	Chinle/Alluvium Interface
MKTF-36	04/12/23	2.00	15.68	ND	NA	9.30	6,944.60	NA	5 - 15	Chinle/Alluvium Interface
MKTF-36	05/16/23	2.00	15.70	ND	NA	9.37	6,944.53	NA	5 - 15	Chinle/Alluvium Interface
MKTF-36	6/2/2023	2.00	15.72	9.09	0.01	9.10	6,944.80	6944.81	5 - 15	Chinle/Alluvium Interface
MKTF-36	7/24/2023	2.00	15.68	9.27	0.02	9.29	6,944.61	NA	5 - 15	Chinle/Alluvium Interface
MKTF-36	8/22/2023	2.00	15.70	9.21	0.14	9.35	6,944.55	NA	5 - 15	Chinle/Alluvium Interface
MKTF-36	9/6/2023	2.00	15.72	9.24	0.15	9.39	6,944.51	6944.63	5 - 15	Chinle/Alluvium Interface
MKTF-36	10/25/2023	2.00	15.72	9.34	0.07	9.41	6,944.49	6944.55	5 - 15	Chinle/Alluvium Interface
MKTF-36	11/13/2023	2.00	15.72	ND	NA	9.25	6,944.65	NA	5 - 15	Chinle/Alluvium Interface
MKTF-36	12/13/2023	2.00	15.72	ND	NA	9.03	6,944.87	NA	5 - 15	Chinle/Alluvium Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-37	06/01/21	2.00	24.67	10.06	0.04	10.10	6,948.97	6949.00	4 - 24	Chinle/Alluvium Interface
MKTF-37	07/21/21	2.00	24.67	10.05	0.41	10.46	6,948.61	6948.94	4 - 24	Chinle/Alluvium Interface
MKTF-37	08/25/21	2.00	24.67	10.60	0.05	10.65	6,948.42	6948.46	4 - 24	Chinle/Alluvium Interface
MKTF-37	09/08/21	2.00	24.67	10.14	0.17	10.31	6,948.76	6948.90	4 - 24	Chinle/Alluvium Interface
MKTF-37	10/27/21	2.00	24.67	10.78	0.02	10.80	6,948.27	6948.29	4 - 24	Chinle/Alluvium Interface
MKTF-37	11/17/21	2.00	24.67	10.62	0.04	10.66	6,948.41	6948.44	4 - 24	Chinle/Alluvium Interface
MKTF-37	12/09/21	2.00	24.67	10.50	0.07	10.57	6,948.50	6948.56	4 - 24	Chinle/Alluvium Interface
MKTF-37	01/10/22	2.00	24.67	11.30	0.15	11.45	6,947.62	6947.74	4 - 24	Chinle/Alluvium Interface
MKTF-37	02/28/22	2.00	24.67	11.20	0.24	11.44	6,947.63	6947.82	4 - 24	Chinle/Alluvium Interface
MKTF-37	03/01/22	2.00	24.69	10.52	0.07	10.59	6,948.48	6948.54	4 - 24	Chinle/Alluvium Interface
MKTF-37	04/27/22	2.00	24.69	11.52	0.23	11.75	6,947.32	6947.50	4 - 24	Chinle/Alluvium Interface
MKTF-37	05/05/22	2.00	24.69	11.31	0.10	11.41	6,947.66	6947.74	4 - 24	Chinle/Alluvium Interface
MKTF-37	06/01/22	2.00	24.70	10.59	0.05	10.64	6,948.43	6948.47	4 - 24	Chinle/Alluvium Interface
MKTF-37	07/06/22	2.00	24.71	11.16	0.01	11.17	6,947.90	6947.91	4 - 24	Chinle/Alluvium Interface
MKTF-37	08/08/22	2.00	24.72	11.23	0.04	11.27	6,947.80	6947.83	4 - 24	Chinle/Alluvium Interface
MKTF-37	09/01/22	2.00	24.73	10.55	0.06	10.61	6,948.46	6948.51	4 - 24	Chinle/Alluvium Interface
MKTF-37	10/03/22	2.00	24.74	10.50	0.07	10.57	6,948.50	6948.56	4 - 24	Chinle/Alluvium Interface
MKTF-37	11/03/22	2.00	24.75	10.52	0.05	10.57	6,948.50	6948.54	4 - 24	Chinle/Alluvium Interface
MKTF-37	12/06/22	2.00	24.76	10.80	0.04	10.84	6,948.23	6948.26	4 - 24	Chinle/Alluvium Interface
MKTF-37	01/30/23	2.00	24.74	10.83	0.05	10.88	6,948.19	6948.23	4 - 24	Chinle/Alluvium Interface
MKTF-37	02/28/23	2.00	24.75	10.98	0.07	11.05	6,948.02	6948.08	4 - 24	Chinle/Alluvium Interface
MKTF-37	03/07/23	2.00	24.76	11.29	0.02	11.31	6,947.76	6947.78	4 - 24	Chinle/Alluvium Interface
MKTF-37	04/12/23	2.00	24.74	10.70	0.01	10.71	6,948.36	6948.37	4 - 24	Chinle/Alluvium Interface
MKTF-37	05/16/23	2.00	24.75	10.81	0.01	10.82	6,948.25	6948.26	4 - 24	Chinle/Alluvium Interface
MKTF-37	6/2/2023	2.00	24.76	10.69	0.01	10.70	6,948.37	6948.38	4 - 24	Chinle/Alluvium Interface
MKTF-37	7/24/2023	2.00	24.74	10.65	0.02	10.67	6,948.40	6948.42	4 - 24	Chinle/Alluvium Interface
MKTF-37	8/18/2023	2.00	24.75	ND	NA	10.46	6,948.61	NA	4 - 24	Chinle/Alluvium Interface
MKTF-37	9/6/2023	2.00	24.76	ND	NA	10.44	6,948.63	NA	4 - 24	Chinle/Alluvium Interface
MKTF-37	10/25/2023	2.00	24.76	ND	NA	10.43	6,948.64	NA	4 - 24	Chinle/Alluvium Interface
MKTF-37	11/13/2023	2.00	24.76	ND	NA	10.18	6,948.89	NA	4 - 24	Chinle/Alluvium Interface
MKTF-37	12/13/2023	2.00	24.76	ND	NA	10.02	6,949.05	NA	4 - 24	Chinle/Alluvium Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-38	06/01/21	2.00	20.34	ND	NA	9.23	6,945.94	NA	5 - 20	Chinle/Alluvium Interface
MKTF-38	07/21/21	2.00	20.34	ND	NA	10.17	6,945.00	NA	5 - 20	Chinle/Alluvium Interface
MKTF-38	08/25/21	2.00	20.34	ND	NA	10.43	6,944.74	NA	5 - 20	Chinle/Alluvium Interface
MKTF-38	09/08/21	2.00	20.34	ND	NA	10.58	6,944.59	NA	5 - 20	Chinle/Alluvium Interface
MKTF-38	10/27/21	2.00	20.34	ND	NA	10.60	6,944.57	NA	5 - 20	Chinle/Alluvium Interface
MKTF-38	11/17/21	2.00	20.34	ND	NA	10.83	6,944.34	NA	5 - 20	Chinle/Alluvium Interface
MKTF-38	12/03/21	2.00	20.34	ND	NA	10.98	6,944.19	NA	5 - 20	Chinle/Alluvium Interface
MKTF-38	01/10/22	2.00	20.34	ND	NA	10.96	6,944.21	NA	5 - 20	Chinle/Alluvium Interface
MKTF-38	02/28/22	2.00	20.34	ND	NA	10.98	6,944.19	NA	5 - 20	Chinle/Alluvium Interface
MKTF-38	03/01/22	2.00	20.28	ND	NA	10.94	6,944.23	NA	5 - 20	Chinle/Alluvium Interface
MKTF-38	04/27/22	2.00	20.28	ND	NA	11.40	6,943.77	NA	5 - 20	Chinle/Alluvium Interface
MKTF-38	05/05/22	2.00	20.28	ND	NA	11.27	6,943.90	NA	5 - 20	Chinle/Alluvium Interface
MKTF-38	06/01/22	2.00	20.30	ND	NA	10.98	6,944.19	NA	5 - 20	Chinle/Alluvium Interface
MKTF-38	07/06/22	2.00	20.32	ND	NA	10.05	6,945.12	NA	5 - 20	Chinle/Alluvium Interface
MKTF-38	08/08/22	2.00	20.34	ND	NA	10.50	6,944.67	NA	5 - 20	Chinle/Alluvium Interface
MKTF-38	09/01/22	2.00	20.36	ND	NA	11.13	6,944.04	NA	5 - 20	Chinle/Alluvium Interface
MKTF-38	10/03/22	2.00	20.38	ND	NA	11.21	6,943.96	NA	5 - 20	Chinle/Alluvium Interface
MKTF-38	11/03/22	2.00	20.40	ND	NA	11.23	6,943.94	NA	5 - 20	Chinle/Alluvium Interface
MKTF-38	12/05/22	2.00	20.42	ND	NA	10.60	6,944.57	NA	5 - 20	Chinle/Alluvium Interface
MKTF-38	01/30/23	2.00	20.38	ND	NA	10.63	6,944.54	NA	5 - 20	Chinle/Alluvium Interface
MKTF-38	02/27/23	2.00	20.40	ND	NA	10.91	6,944.26	NA	5 - 20	Chinle/Alluvium Interface
MKTF-38	03/07/23	2.00	20.42	ND	NA	10.93	6,944.24	NA	5 - 20	Chinle/Alluvium Interface
MKTF-38	04/12/23	2.00	20.38	ND	NA	10.39	6,944.78	NA	5 - 20	Chinle/Alluvium Interface
MKTF-38	05/16/23	2.00	20.40	ND	NA	10.43	6,944.74	NA	5 - 20	Chinle/Alluvium Interface
MKTF-38	6/2/2023	2.00	20.42	ND	NA	10.38	6,944.79	NA	5 - 20	Chinle/Alluvium Interface
MKTF-38	7/24/2023	2.00	20.38	ND	NA	10.34	6,944.83	NA	5 - 20	Chinle/Alluvium Interface
MKTF-38	8/18/2023	2.00	20.40	ND	NA	10.24	6,944.93	NA	5 - 20	Chinle/Alluvium Interface
MKTF-38	9/6/2023	2.00	20.42	ND	NA	10.27	6,944.90	NA	5 - 20	Chinle/Alluvium Interface
MKTF-38	10/25/2023	2.00	20.42	ND	NA	10.38	6,944.79	NA	5 - 20	Chinle/Alluvium Interface
MKTF-38	11/13/2023	2.00	20.42	ND	NA	9.80	6,945.37	NA	5 - 20	Chinle/Alluvium Interface
MKTF-38	12/13/2023	2.00	20.42	ND	NA	9.40	6,945.77	NA	5 - 20	Chinle/Alluvium Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-39	06/01/21	2.00	15.21	9.49	0.79	10.28	6,943.69	6,944.32	5 - 15	Chinle/Alluvium Interface
MKTF-39	07/21/21	2.00	15.21	9.05	0.70	9.75	6,944.22	6,944.78	5 - 15	Chinle/Alluvium Interface
MKTF-39	08/25/21	2.00	15.21	9.22	0.40	9.62	6,944.35	6,944.67	5 - 15	Chinle/Alluvium Interface
MKTF-39	09/09/21	2.00	15.21	9.40	0.45	9.85	6,944.12	6,944.48	5 - 15	Chinle/Alluvium Interface
MKTF-39	10/27/21	2.00	15.21	9.97	0.30	10.27	6,943.70	6,943.94	5 - 15	Chinle/Alluvium Interface
MKTF-39	11/02/21	2.00	15.21	9.98	0.35	10.33	6,943.64	6,943.92	5 - 15	Chinle/Alluvium Interface
MKTF-39	12/03/21	2.00	15.21	9.88	0.39	10.27	6,943.70	6,944.01	5 - 15	Chinle/Alluvium Interface
MKTF-39	01/10/22	2.00	15.21	10.78	0.54	11.32	6,942.65	6,943.08	5 - 15	Chinle/Alluvium Interface
MKTF-39	02/28/22	2.00	15.21	10.80	0.54	11.34	6,942.63	6,943.06	5 - 15	Chinle/Alluvium Interface
MKTF-39	03/01/22	2.00	15.20	9.90	0.40	10.30	6,943.67	6,943.99	5 - 15	Chinle/Alluvium Interface
MKTF-39	04/27/22	2.00	15.20	10.44	1.08	11.52	6,942.45	6,943.31	5 - 15	Chinle/Alluvium Interface
MKTF-39	05/04/22	2.00	15.20	11.35	0.85	12.20	6,941.77	6,942.45	5 - 15	Chinle/Alluvium Interface
MKTF-39	06/01/22	2.00	15.20	11.47	0.50	11.97	6,942.00	6,942.40	5 - 15	Chinle/Alluvium Interface
MKTF-39	07/06/22	2.00	15.20	11.18	0.22	11.40	6,942.57	6,942.75	5 - 15	Chinle/Alluvium Interface
MKTF-39	08/08/22	2.00	15.20	10.98	0.18	11.16	6,942.81	6,942.95	5 - 15	Chinle/Alluvium Interface
MKTF-39	09/01/22	2.00	15.20	10.74	0.21	10.95	6,943.02	6,943.19	5 - 15	Chinle/Alluvium Interface
MKTF-39	10/03/22	2.00	15.20	10.67	0.15	10.82	6,943.15	6,943.27	5 - 15	Chinle/Alluvium Interface
MKTF-39	11/03/22	2.00	15.20	10.65	0.14	10.79	6,943.18	6,943.29	5 - 15	Chinle/Alluvium Interface
MKTF-39	12/06/22	2.00	15.20	10.74	0.15	10.89	6,943.08	6,943.20	5 - 15	Chinle/Alluvium Interface
MKTF-39	01/30/23	2.00	15.20	10.77	0.15	10.92	6,943.05	6,943.17	5 - 15	Chinle/Alluvium Interface
MKTF-39	02/27/23	2.00	15.20	10.97	0.15	11.12	6,942.85	6,942.97	5 - 15	Chinle/Alluvium Interface
MKTF-39	03/07/23	2.00	15.20	10.80	0.72	11.52	6,942.45	6,943.03	5 - 15	Chinle/Alluvium Interface
MKTF-39	04/12/23	2.00	15.20	10.44	0.51	10.95	6,943.02	6,943.43	5 - 15	Chinle/Alluvium Interface
MKTF-39	05/15/23	2.00	15.20	10.60	0.42	11.02	6,942.95	6,943.29	5 - 15	Chinle/Alluvium Interface
MKTF-39	6/2/2023	2.00	15.20	10.20	0.42	10.62	6,943.35	6,943.69	5 - 15	Chinle/Alluvium Interface
MKTF-39	7/24/2023	2.00	15.20	10.45	0.58	11.03	6,942.94	6,943.40	5 - 15	Chinle/Alluvium Interface
MKTF-39	8/18/2023	2.00	15.20	10.64	0.54	11.18	6,942.79	6,943.22	5 - 15	Chinle/Alluvium Interface
MKTF-39	9/6/2023	2.00	15.20	10.67	0.58	11.25	6,942.72	6,943.18	5 - 15	Chinle/Alluvium Interface
MKTF-39	10/25/2023	2.00	15.20	10.60	0.52	11.12	6,942.85	6,943.27	5 - 15	Chinle/Alluvium Interface
MKTF-39	11/13/2023	2.00	15.20	10.62	0.40	11.02	6,942.95	6,943.27	5 - 15	Chinle/Alluvium Interface
MKTF-39	12/12/2023	2.00	15.20	10.58	0.15	10.73	6,943.24	6,943.36	5 - 15	Chinle/Alluvium Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-40	06/01/21	2.00	23.66	ND	NA	11.72	6,879.63	NA	5 - 20	Chinle/Alluvium Interface
MKTF-40	07/21/21	2.00	23.66	ND	NA	10.90	6,880.45	NA	5 - 20	Chinle/Alluvium Interface
MKTF-40	08/25/21	2.00	23.66	ND	NA	11.14	6,880.21	NA	5 - 20	Chinle/Alluvium Interface
MKTF-40	09/08/21	2.00	23.65	ND	NA	11.10	6,880.25	NA	5 - 20	Chinle/Alluvium Interface
MKTF-40	10/27/21	2.00	23.65	ND	NA	11.24	6,880.11	NA	5 - 20	Chinle/Alluvium Interface
MKTF-40	11/17/22	2.00	23.65	ND	NA	11.25	6,880.10	NA	5 - 20	Chinle/Alluvium Interface
MKTF-40	12/16/21	2.00	23.65	ND	NA	11.37	6,879.98	NA	5 - 20	Chinle/Alluvium Interface
MKTF-40	01/10/22	2.00	23.65	ND	NA	11.46	6,879.89	NA	5 - 20	Chinle/Alluvium Interface
MKTF-40	02/28/22	2.00	23.65	ND	NA	11.42	6,879.93	NA	5 - 20	Chinle/Alluvium Interface
MKTF-40	03/01/22	2.00	23.66	ND	NA	11.32	6,880.03	NA	5 - 20	Chinle/Alluvium Interface
MKTF-40	04/27/22	2.00	23.66	ND	NA	12.12	6,879.23	NA	5 - 20	Chinle/Alluvium Interface
MKTF-40	05/05/22	2.00	23.66	ND	NA	12.35	6,879.00	NA	5 - 20	Chinle/Alluvium Interface
MKTF-40	06/01/22	2.00	23.65	ND	NA	12.56	6,878.79	NA	5 - 20	Chinle/Alluvium Interface
MKTF-40	07/06/22	2.00	23.64	ND	NA	13.04	6,878.31	NA	5 - 20	Chinle/Alluvium Interface
MKTF-40	08/08/22	2.00	23.63	ND	NA	12.82	6,878.53	NA	5 - 20	Chinle/Alluvium Interface
MKTF-40	09/01/22	2.00	23.62	ND	NA	11.11	6,880.24	NA	5 - 20	Chinle/Alluvium Interface
MKTF-40	10/03/22	2.00	23.61	ND	NA	11.17	6,880.18	NA	5 - 20	Chinle/Alluvium Interface
MKTF-40	11/03/22	2.00	23.60	ND	NA	11.20	6,880.15	NA	5 - 20	Chinle/Alluvium Interface
MKTF-40	12/08/22	2.00	23.59	ND	NA	11.23	6,880.12	NA	5 - 20	Chinle/Alluvium Interface
MKTF-40	01/30/23	2.00	23.61	ND	NA	11.30	6,880.05	NA	5 - 20	Chinle/Alluvium Interface
MKTF-40	02/27/23	2.00	23.60	ND	NA	11.41	6,879.94	NA	5 - 20	Chinle/Alluvium Interface
MKTF-40	03/07/23	2.00	23.59	ND	NA	11.24	6,880.11	NA	5 - 20	Chinle/Alluvium Interface
MKTF-40	04/12/23	2.00	23.61	ND	NA	11.12	6,880.23	NA	5 - 20	Chinle/Alluvium Interface
MKTF-40	05/16/23	2.00	23.60	ND	NA	11.14	6,880.21	NA	5 - 20	Chinle/Alluvium Interface
MKTF-40	6/2/2023	2.00	23.59	ND	NA	10.91	6,880.44	NA	5 - 20	Chinle/Alluvium Interface
MKTF-40	7/24/2023	2.00	23.61	ND	NA	11.03	6,880.32	NA	5 - 20	Chinle/Alluvium Interface
MKTF-40	8/23/2023	2.00	23.60	ND	NA	17.72	6,873.63	NA	5 - 20	Chinle/Alluvium Interface
MKTF-40	9/6/2023	2.00	23.59	ND	NA	17.67	6,873.68	NA	5 - 20	Chinle/Alluvium Interface
MKTF-40	10/25/2023	2.00	23.59	ND	NA	17.79	6,873.56	NA	5 - 20	Chinle/Alluvium Interface
MKTF-40	11/14/2023	2.00	23.59	ND	NA	12.17	6,879.18	NA	5 - 20	Chinle/Alluvium Interface
MKTF-40	12/12/2023	2.00	23.59	ND	NA	12.63	6,878.72	NA	5 - 20	Chinle/Alluvium Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-41	06/01/21	2.00	39.85	ND	NA	18.61	6,872.50	NA	22 - 37	Chinle/Alluvium Interface
MKTF-41	07/21/21	2.00	39.85	ND	NA	19.28	6,871.83	NA	22 - 37	Chinle/Alluvium Interface
MKTF-41	08/25/21	2.00	39.85	ND	NA	19.22	6,871.89	NA	22 - 37	Chinle/Alluvium Interface
MKTF-41	09/09/21	2.00	39.85	ND	NA	19.27	6,871.84	NA	22 - 37	Chinle/Alluvium Interface
MKTF-41	10/27/21	2.00	39.85	ND	NA	19.10	6,872.01	NA	22 - 37	Chinle/Alluvium Interface
MKTF-41	11/17/21	2.00	39.85	ND	NA	18.95	6,872.16	NA	22 - 37	Chinle/Alluvium Interface
MKTF-41	12/03/21	2.00	39.80	ND	NA	18.82	6,872.29	NA	22 - 37	Chinle/Alluvium Interface
MKTF-41	01/10/22	2.00	39.80	ND	NA	19.27	6,871.84	NA	22 - 37	Chinle/Alluvium Interface
MKTF-41	02/28/22	2.00	39.80	ND	NA	19.52	6,871.59	NA	22 - 37	Chinle/Alluvium Interface
MKTF-41	03/01/22	2.00	39.76	ND	NA	18.90	6,872.21	NA	22 - 37	Chinle/Alluvium Interface
MKTF-41	04/27/22	2.00	39.76	ND	NA	18.78	6,872.33	NA	22 - 37	Chinle/Alluvium Interface
MKTF-41	05/05/22	2.00	39.76	ND	NA	18.79	6,872.32	NA	22 - 37	Chinle/Alluvium Interface
MKTF-41	06/01/22	2.00	39.77	ND	NA	18.85	6,872.26	NA	22 - 37	Chinle/Alluvium Interface
MKTF-41	07/06/22	2.00	39.78	ND	NA	18.42	6,872.69	NA	22 - 37	Chinle/Alluvium Interface
MKTF-41	08/08/22	2.00	39.79	ND	NA	19.59	6,871.52	NA	22 - 37	Chinle/Alluvium Interface
MKTF-41	09/01/22	2.00	39.80	ND	NA	18.57	6,872.54	NA	22 - 37	Chinle/Alluvium Interface
MKTF-41	10/03/22	2.00	39.81	ND	NA	18.58	6,872.53	NA	22 - 37	Chinle/Alluvium Interface
MKTF-41	11/03/22	2.00	39.82	ND	NA	18.57	6,872.54	NA	22 - 37	Chinle/Alluvium Interface
MKTF-41	12/29/22	2.00	39.83	ND	NA	18.65	6,872.46	NA	22 - 37	Chinle/Alluvium Interface
MKTF-41	1/30/2023	2.00	39.81	ND	NA	18.70	6,872.41	NA	22 - 37	Chinle/Alluvium Interface
MKTF-41	2/27/2023	2.00	39.82	ND	NA	18.27	6,872.84	NA	22 - 37	Chinle/Alluvium Interface
MKTF-41	3/6/2023	2.00	39.83	ND	NA	18.36	6,872.75	NA	22 - 37	Chinle/Alluvium Interface
MKTF-41	4/11/2023	2.00	39.81	ND	NA	18.23	6,872.88	NA	22 - 37	Chinle/Alluvium Interface
MKTF-41	5/16/2023	2.00	39.82	ND	NA	18.38	6,872.73	NA	22 - 37	Chinle/Alluvium Interface
MKTF-41	6/1/2023	2.00	39.83	ND	NA	17.92	6,873.19	NA	22 - 37	Chinle/Alluvium Interface
MKTF-41	7/24/2023	2.00	39.81	ND	NA	17.98	6,873.13	NA	22 - 37	Chinle/Alluvium Interface
MKTF-41	8/21/2023	2.00	39.82	ND	NA	18.81	6,872.30	NA	22 - 37	Chinle/Alluvium Interface
MKTF-41	9/6/2023	2.00	39.83	ND	NA	18.77	6,872.34	NA	22 - 37	Chinle/Alluvium Interface
MKTF-41	10/25/2023	2.00	39.83	ND	NA	18.67	6,872.44	NA	22 - 37	Chinle/Alluvium Interface
MKTF-41	11/13/2023	2.00	39.83	ND	NA	19.45	6,871.66	NA	22 - 37	Chinle/Alluvium Interface
MKTF-41	12/13/2023	2.00	39.83	ND	NA	19.17	6,871.94	NA	22 - 37	Chinle/Alluvium Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-42	06/01/21	2.00	33.24	ND	NA	14.54	6,875.88	NA	10 - 30	Chinle/Alluvium Interface
MKTF-42	07/21/21	2.00	33.24	ND	NA	14.52	6,875.90	NA	10 - 30	Chinle/Alluvium Interface
MKTF-42	08/25/21	2.00	33.24	ND	NA	14.42	6,876.00	NA	10 - 30	Chinle/Alluvium Interface
MKTF-42	09/09/21	2.00	33.24	ND	NA	14.45	6,875.97	NA	10 - 30	Chinle/Alluvium Interface
MKTF-42	10/27/21	2.00	33.24	ND	NA	14.28	6,876.14	NA	10 - 30	Chinle/Alluvium Interface
MKTF-42	11/17/21	2.00	33.24	ND	NA	14.36	6,876.06	NA	10 - 30	Chinle/Alluvium Interface
MKTF-42	12/03/22	2.00	33.20	ND	NA	14.27	6,876.15	NA	10 - 30	Chinle/Alluvium Interface
MKTF-42	01/10/22	2.00	33.20	ND	NA	14.68	6,875.74	NA	10 - 30	Chinle/Alluvium Interface
MKTF-42	02/28/22	2.00	33.20	ND	NA	14.67	6,875.75	NA	10 - 30	Chinle/Alluvium Interface
MKTF-42	03/01/22	2.00	33.17	ND	NA	14.67	6,875.75	NA	10 - 30	Chinle/Alluvium Interface
MKTF-42	04/27/22	2.00	33.17	ND	NA	14.60	6,875.82	NA	10 - 30	Chinle/Alluvium Interface
MKTF-42	05/05/22	2.00	33.17	ND	NA	14.59	6,875.83	NA	10 - 30	Chinle/Alluvium Interface
MKTF-42	06/01/22	2.00	33.17	14.72	0.02	14.74	6,875.68	6875.70	10 - 30	Chinle/Alluvium Interface
MKTF-42	07/06/22	2.00	33.17	15.50	0.02	15.52	6,874.90	6874.92	10 - 30	Chinle/Alluvium Interface
MKTF-42	08/08/22	2.00	33.17	15.15	0.02	15.17	6,875.25	6875.27	10 - 30	Chinle/Alluvium Interface
MKTF-42	09/01/22	2.00	33.17	14.24	0.03	14.27	6,876.15	6876.17	10 - 30	Chinle/Alluvium Interface
MKTF-42	10/03/22	2.00	33.17	14.17	0.08	14.25	6,876.17	6876.23	10 - 30	Chinle/Alluvium Interface
MKTF-42	11/03/22	2.00	33.17	14.07	0.11	14.18	6,876.24	6876.33	10 - 30	Chinle/Alluvium Interface
MKTF-42	12/06/22	2.00	33.17	14.36	0.31	14.67	6,875.75	6876.00	10 - 30	Chinle/Alluvium Interface
MKTF-42	1/30/2023	2.00	33.17	14.39	0.38	14.77	6,875.65	6875.95	10 - 30	Chinle/Alluvium Interface
MKTF-42	2/27/2023	2.00	33.17	ND	NA	13.47	6,876.95	NA	10 - 30	Chinle/Alluvium Interface
MKTF-42	3/6/2023	2.00	33.17	ND	NA	13.50	6,876.92	NA	10 - 30	Chinle/Alluvium Interface
MKTF-42	4/11/2023	2.00	33.17	ND	NA	13.47	6,876.95	NA	10 - 30	Chinle/Alluvium Interface
MKTF-42	5/15/2023	2.00	33.17	ND	NA	13.57	6,876.85	NA	10 - 30	Chinle/Alluvium Interface
MKTF-42	6/1/2023	2.00	33.17	ND	NA	13.42	6,877.00	NA	10 - 30	Chinle/Alluvium Interface
MKTF-42	7/25/2023	2.00	33.17	ND	NA	13.27	6,877.15	NA	10 - 30	Chinle/Alluvium Interface
MKTF-42	8/21/2023	2.00	33.17	ND	NA	13.80	6,876.62	NA	10 - 30	Chinle/Alluvium Interface
MKTF-42	9/6/2023	2.00	33.17	ND	NA	13.76	6,876.66	NA	10 - 30	Chinle/Alluvium Interface
MKTF-42	10/25/2023	2.00	33.17	ND	NA	13.63	6,876.79	NA	10 - 30	Chinle/Alluvium Interface
MKTF-42	11/13/2023	2.00	33.17	ND	NA	14.18	6,876.24	NA	10 - 30	Chinle/Alluvium Interface
MKTF-42	12/13/2023	2.00	33.17	ND	NA	14.15	6,876.27	NA	10 - 30	Chinle/Alluvium Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-43	06/01/21	2.00	16.95	ND	NA	5.83	6,868.29	NA	2 - 12	Chinle/Alluvium Interface
MKTF-43	07/21/21	2.00	16.95	ND	NA	5.20	6,868.92	NA	2 - 12	Chinle/Alluvium Interface
MKTF-43	08/25/21	2.00	16.95	ND	NA	4.85	6,869.27	NA	2 - 12	Chinle/Alluvium Interface
MKTF-43	09/09/21	2.00	16.95	ND	NA	5.17	6,868.95	NA	2 - 12	Chinle/Alluvium Interface
MKTF-43	10/27/21	2.00	16.95	ND	NA	5.52	6,868.60	NA	2 - 12	Chinle/Alluvium Interface
MKTF-43	11/24/21	2.00	16.95	ND	NA	5.77	6,868.35	NA	2 - 12	Chinle/Alluvium Interface
MKTF-43	12/03/21	2.00	16.95	ND	NA	6.17	6,867.95	NA	2 - 12	Chinle/Alluvium Interface
MKTF-43	01/10/22	2.00	16.95	ND	NA	6.10	6,868.02	NA	2 - 12	Chinle/Alluvium Interface
MKTF-43	02/28/22	2.00	16.95	ND	NA	6.09	6,868.03	NA	2 - 12	Chinle/Alluvium Interface
MKTF-43	03/01/22	2.00	16.93	ND	NA	6.26	6,867.86	NA	2 - 12	Chinle/Alluvium Interface
MKTF-43	04/27/22	2.00	16.93	ND	NA	5.68	6,868.44	NA	2 - 12	Chinle/Alluvium Interface
MKTF-43	05/05/22	2.00	16.93	ND	NA	5.73	6,868.39	NA	2 - 12	Chinle/Alluvium Interface
MKTF-43	06/01/22	2.00	16.95	ND	NA	5.26	6,868.86	NA	2 - 12	Chinle/Alluvium Interface
MKTF-43	07/06/22	2.00	16.97	ND	NA	5.44	6,868.68	NA	2 - 12	Chinle/Alluvium Interface
MKTF-43	08/08/22	2.00	16.99	ND	NA	5.57	6,868.55	NA	2 - 12	Chinle/Alluvium Interface
MKTF-43	09/01/22	2.00	17.01	ND	NA	5.37	6,868.75	NA	2 - 12	Chinle/Alluvium Interface
MKTF-43	10/03/22	2.00	17.03	ND	NA	5.39	6,868.73	NA	2 - 12	Chinle/Alluvium Interface
MKTF-43	11/03/22	2.00	17.05	ND	NA	5.43	6,868.69	NA	2 - 12	Chinle/Alluvium Interface
MKTF-43	12/22/22	2.00	17.07	ND	NA	5.32	6,868.80	NA	2 - 12	Chinle/Alluvium Interface
MKTF-43	1/30/2023	2.00	17.03	ND	NA	5.38	6,868.74	NA	2 - 12	Chinle/Alluvium Interface
MKTF-43	2/27/2023	2.00	17.05	ND	NA	5.62	6,868.50	NA	2 - 12	Chinle/Alluvium Interface
MKTF-43	3/6/2023	2.00	17.07	ND	NA	5.75	6,868.37	NA	2 - 12	Chinle/Alluvium Interface
MKTF-43	4/11/2023	2.00	17.03	ND	NA	5.47	6,868.65	NA	2 - 12	Chinle/Alluvium Interface
MKTF-43	5/15/2023	2.00	17.05	ND	NA	5.52	6,868.60	NA	2 - 12	Chinle/Alluvium Interface
MKTF-43	6/1/2023	2.00	17.07	ND	NA	3.89	6,870.23	NA	2 - 12	Chinle/Alluvium Interface
MKTF-43	7/25/2023	2.00	17.07	ND	NA	3.84	6,870.28	NA	2 - 12	Chinle/Alluvium Interface
MKTF-43	8/21/2023	2.00	17.07	ND	NA	3.54	6,870.58	NA	2 - 12	Chinle/Alluvium Interface
MKTF-43	9/6/2023	2.00	17.07	ND	NA	3.57	6,870.55	NA	2 - 12	Chinle/Alluvium Interface
MKTF-43	10/25/2023	2.00	17.07	ND	NA	3.49	6,870.63	NA	2 - 12	Chinle/Alluvium Interface
MKTF-43	11/13/2023	2.00	17.07	ND	NA	5.46	6,868.66	NA	2 - 12	Chinle/Alluvium Interface
MKTF-43	12/13/2023	2.00	17.07	ND	NA	6.01	6,868.11	NA	2 - 12	Chinle/Alluvium Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-44	06/01/21	2.00	51.50	ND	NA	35.57	6,831.84	NA	38 - 48	Chinle/Alluvium Interface
MKTF-44	09/09/21	2.00	51.50	ND	NA	32.71	6,834.70	NA	38 - 48	Chinle/Alluvium Interface
MKTF-44	12/22/21	2.00	51.25	ND	NA	36.06	6,831.35	NA	38 - 48	Chinle/Alluvium Interface
MKTF-44	03/01/22	2.00	51.25	ND	NA	38.79	6,828.62	NA	38 - 48	Chinle/Alluvium Interface
MKTF-44	06/01/22	2.00	51.20	ND	NA	33.24	6,834.17	NA	38 - 48	Chinle/Alluvium Interface
MKTF-44	07/06/22	2.00	51.15	ND	NA	34.62	6,832.79	NA	38 - 48	Chinle/Alluvium Interface
MKTF-44	08/08/22	2.00	51.10	ND	NA	33.67	6,833.74	NA	38 - 48	Chinle/Alluvium Interface
MKTF-44	09/01/22	2.00	51.05	ND	NA	33.86	6,833.55	NA	38 - 48	Chinle/Alluvium Interface
MKTF-44	10/03/22	2.00	51.00	ND	NA	33.89	6,833.52	NA	38 - 48	Chinle/Alluvium Interface
MKTF-44	11/03/22	2.00	50.95	ND	NA	33.98	6,833.43	NA	38 - 48	Chinle/Alluvium Interface
MKTF-44	12/22/22	2.00	50.90	ND	NA	33.98	6,833.43	NA	38 - 48	Chinle/Alluvium Interface
MKTF-44	1/30/2023	2.00	51.00	ND	NA	33.96	6,833.45	NA	38 - 48	Chinle/Alluvium Interface
MKTF-44	2/27/2023	2.00	50.95	ND	NA	31.49	6,835.92	NA	38 - 48	Chinle/Alluvium Interface
MKTF-44	3/6/2023	2.00	50.90	ND	NA	31.60	6,835.81	NA	38 - 48	Chinle/Alluvium Interface
MKTF-44	4/11/2023	2.00	51.00	ND	NA	36.19	6,831.22	NA	38 - 48	Chinle/Alluvium Interface
MKTF-44	5/15/2023	2.00	50.95	ND	NA	31.58	6,835.83	NA	38 - 48	Chinle/Alluvium Interface
MKTF-44	6/1/2023	2.00	50.90	ND	NA	29.58	6,837.83	NA	38 - 48	Chinle/Alluvium Interface
MKTF-44	7/25/2023	2.00	50.90	ND	NA	29.46	6,837.95	NA	38 - 48	Chinle/Alluvium Interface
MKTF-44	8/21/2023	2.00	50.90	ND	NA	32.68	6,834.73	NA	38 - 48	Chinle/Alluvium Interface
MKTF-44	9/6/2023	2.00	50.90	ND	NA	32.66	6,834.75	NA	38 - 48	Chinle/Alluvium Interface
MKTF-44	10/25/2023	2.00	50.90	ND	NA	32.79	6,834.62	NA	38 - 48	Chinle/Alluvium Interface
MKTF-44	11/13/2023	2.00	50.90	ND	NA	39.84	6,827.57	NA	38 - 48	Chinle/Alluvium Interface
MKTF-44	12/13/2023	2.00	50.90	ND	NA	35.23	6,832.18	NA	38 - 48	Chinle/Alluvium Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-45	06/01/21	4.00	30.50	15.07	0.02	15.09	6,933.54	6933.56	Unknown	Chinle/Alluvium Interface
MKTF-45	07/07/21	4.00	30.50	ND	NA	13.47	6,935.16	NA	Unknown	Chinle/Alluvium Interface
MKTF-45	08/02/21	4.00	30.50	13.49	0.02	13.51	6,935.12	6935.14	Unknown	Chinle/Alluvium Interface
MKTF-45	09/07/21	4.00	30.50	13.47	0.02	13.49	6,935.14	6935.16	Unknown	Chinle/Alluvium Interface
MKTF-45	10/27/21	4.00	30.50	ND	NA	13.50	6,935.13	NA	Unknown	Chinle/Alluvium Interface
MKTF-45	11/02/21	4.00	30.50	ND	NA	13.46	6,935.17	NA	Unknown	Chinle/Alluvium Interface
MKTF-45	12/09/21	4.00	30.50	13.35	0.04	13.39	6,935.24	6935.27	Unknown	Chinle/Alluvium Interface
MKTF-45	01/10/22	4.00	30.50	ND	NA	13.74	6,934.89	NA	Unknown	Chinle/Alluvium Interface
MKTF-45	02/28/22	4.00	30.50	ND	NA	13.59	6,935.04	NA	Unknown	Chinle/Alluvium Interface
MKTF-45	03/02/22	4.00	30.50	13.32	0.05	13.37	6,935.26	6935.30	Unknown	Chinle/Alluvium Interface
MKTF-45	04/27/22	4.00	30.50	14.12	0.03	14.15	6,934.48	6934.50	Unknown	Chinle/Alluvium Interface
MKTF-45	05/02/22	4.00	30.50	ND	NA	14.28	6,934.35	NA	Unknown	Chinle/Alluvium Interface
MKTF-45	06/01/22	4.00	30.50	14.53	0.14	14.67	6,933.96	6934.07	Unknown	Chinle/Alluvium Interface
MKTF-45	07/06/22	4.00	30.50	14.43	0.18	14.61	6,934.02	6934.16	Unknown	Chinle/Alluvium Interface
MKTF-45	08/08/22	4.00	30.50	14.23	0.17	14.40	6,934.23	6934.37	Unknown	Chinle/Alluvium Interface
MKTF-45	09/01/22	4.00	30.50	14.02	0.11	14.13	6,934.50	6934.59	Unknown	Chinle/Alluvium Interface
MKTF-45	10/03/22	4.00	30.50	14.07	0.02	14.09	6,934.54	6934.56	Unknown	Chinle/Alluvium Interface
MKTF-45	11/03/22	4.00	30.50	14.15	0.02	14.17	6,934.46	6934.48	Unknown	Chinle/Alluvium Interface
MKTF-45	12/09/22	4.00	30.50	14.05	0.10	14.15	6,934.48	6934.56	Unknown	Chinle/Alluvium Interface
MKTF-45	1/30/2023	4.00	30.50	14.12	0.08	14.20	6,934.43	6934.49	Unknown	Chinle/Alluvium Interface
MKTF-45	2/27/2023	4.00	30.50	14.13	0.09	14.22	6,934.41	6934.48	Unknown	Chinle/Alluvium Interface
MKTF-45	3/7/2023	4.00	30.50	13.88	0.06	13.94	6,934.69	6934.74	Unknown	Chinle/Alluvium Interface
MKTF-45	4/12/2023	4.00	30.50	13.33	0.01	13.34	6,935.29	6935.30	Unknown	Chinle/Alluvium Interface
MKTF-45	5/15/2023	4.00	30.50	13.18	0.01	13.19	6,935.44	6935.45	Unknown	Chinle/Alluvium Interface
MKTF-45	6/12/2023	4.00	30.50	ND	NA	13.56	6,935.07	NA	Unknown	Chinle/Alluvium Interface
MKTF-45	7/25/2023	4.00	30.50	ND	NA	13.54	6,935.09	NA	Unknown	Chinle/Alluvium Interface
MKTF-45	8/22/2023	4.00	30.50	13.76	0.05	13.81	6,934.82	6934.86	Unknown	Chinle/Alluvium Interface
MKTF-45	9/6/2023	4.00	30.50	13.79	0.03	13.82	6,934.81	6934.83	Unknown	Chinle/Alluvium Interface
MKTF-45	10/25/2023	4.00	30.50	13.85	0.04	13.89	6,934.74	6934.77	Unknown	Chinle/Alluvium Interface
MKTF-45	11/13/2023	4.00	30.50	13.96	0.02	13.98	6,934.65	6934.67	Unknown	Chinle/Alluvium Interface
MKTF-45	12/13/2023	4.00	30.50	13.89	0.03	13.92	6,934.71	6934.73	Unknown	Chinle/Alluvium Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-46	06/01/21	2.00	21.30	ND	NA	8.22	6,946.51	NA	3 - 18	Chinle/Alluvium Interface
MKTF-46	07/21/21	2.00	21.30	ND	NA	8.96	6,945.77	NA	3 - 18	Chinle/Alluvium Interface
MKTF-46	08/25/21	2.00	21.30	ND	NA	9.13	6,945.60	NA	3 - 18	Chinle/Alluvium Interface
MKTF-46	09/09/21	2.00	21.30	ND	NA	9.29	6,945.44	NA	3 - 18	Chinle/Alluvium Interface
MKTF-46	10/27/21	2.00	21.30	ND	NA	9.19	6,945.54	NA	3 - 18	Chinle/Alluvium Interface
MKTF-46	11/17/21	2.00	21.30	ND	NA	9.68	6,945.05	NA	3 - 18	Chinle/Alluvium Interface
MKTF-46	12/03/21	2.00	21.30	ND	NA	9.91	6,944.82	NA	3 - 18	Chinle/Alluvium Interface
MKTF-46	01/10/22	2.00	21.30	ND	NA	10.29	6,944.44	NA	3 - 18	Chinle/Alluvium Interface
MKTF-46	02/28/22	2.00	21.30	ND	NA	10.26	6,944.47	NA	3 - 18	Chinle/Alluvium Interface
MKTF-46	03/01/22	2.00	21.30	ND	NA	9.93	6,944.80	NA	3 - 18	Chinle/Alluvium Interface
MKTF-46	04/27/22	2.00	21.30	ND	NA	10.72	6,944.01	NA	3 - 18	Chinle/Alluvium Interface
MKTF-46	05/05/22	2.00	21.30	ND	NA	10.74	6,943.99	NA	3 - 18	Chinle/Alluvium Interface
MKTF-46	06/01/22	2.00	21.28	ND	NA	11.14	6,943.59	NA	3 - 18	Chinle/Alluvium Interface
MKTF-46	07/06/22	2.00	21.26	ND	NA	10.89	6,943.84	NA	3 - 18	Chinle/Alluvium Interface
MKTF-46	08/08/22	2.00	21.24	ND	NA	11.01	6,943.72	NA	3 - 18	Chinle/Alluvium Interface
MKTF-46	09/01/22	2.00	21.22	ND	NA	10.14	6,944.59	NA	3 - 18	Chinle/Alluvium Interface
MKTF-46	10/03/22	2.00	21.20	ND	NA	10.22	6,944.51	NA	3 - 18	Chinle/Alluvium Interface
MKTF-46	11/03/22	2.00	21.18	ND	NA	10.25	6,944.48	NA	3 - 18	Chinle/Alluvium Interface
MKTF-46	12/06/22	2.00	21.16	ND	NA	9.33	6,945.40	NA	3 - 18	Chinle/Alluvium Interface
MKTF-46	01/30/23	2.00	21.20	ND	NA	9.34	6,945.39	NA	3 - 18	Chinle/Alluvium Interface
MKTF-46	02/27/23	2.00	21.18	ND	NA	9.79	6,944.94	NA	3 - 18	Chinle/Alluvium Interface
MKTF-46	03/06/23	2.00	21.16	ND	NA	10.15	6,944.58	NA	3 - 18	Chinle/Alluvium Interface
MKTF-46	04/12/23	2.00	21.20	ND	NA	9.31	6,945.42	NA	3 - 18	Chinle/Alluvium Interface
MKTF-46	05/15/23	2.00	21.18	ND	NA	9.37	6,945.36	NA	3 - 18	Chinle/Alluvium Interface
MKTF-46	06/01/23	2.00	21.16	ND	NA	9.18	6,945.55	NA	3 - 18	Chinle/Alluvium Interface
MKTF-46	07/25/23	2.00	21.16	ND	NA	9.33	6,945.40	NA	3 - 18	Chinle/Alluvium Interface
MKTF-46	08/21/23	2.00	21.16	ND	NA	9.48	6,945.25	NA	3 - 18	Chinle/Alluvium Interface
MKTF-46	09/06/23	2.00	21.16	ND	NA	9.48	6,945.25	NA	3 - 18	Chinle/Alluvium Interface
MKTF-46	10/25/23	2.00	21.16	ND	NA	9.43	6,945.30	NA	3 - 18	Chinle/Alluvium Interface
MKTF-46	11/13/23	2.00	21.16	ND	NA	9.49	6,945.24	NA	3 - 18	Chinle/Alluvium Interface
MKTF-46	12/13/23	2.00	21.16	ND	NA	8.96	6,945.77	NA	3 - 18	Chinle/Alluvium Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-47	06/01/21	2.00	14.30	ND	NA	DRY	NA	NA	4 - 14	Chinle/Alluvium Interface
MKTF-47	07/21/21	2.00	14.30	ND	NA	DRY	NA	NA	4 - 14	Chinle/Alluvium Interface
MKTF-47	08/25/21	2.00	14.30	ND	NA	DRY	NA	NA	4 - 14	Chinle/Alluvium Interface
MKTF-47	09/09/21	2.00	14.30	ND	NA	DRY	NA	NA	4 - 14	Chinle/Alluvium Interface
MKTF-47	10/27/21	2.00	14.30	10.97	0.05	11.02	6,948.49	6948.53	4 - 14	Chinle/Alluvium Interface
MKTF-47	11/17/21	2.00	14.30	11.10	0.04	11.14	6,948.37	6948.40	4 - 14	Chinle/Alluvium Interface
MKTF-47	12/03/21	2.00	14.30	11.39	0.04	11.43	6,948.08	6948.11	4 - 14	Chinle/Alluvium Interface
MKTF-47	01/10/22	2.00	14.30	11.37	0.05	11.42	6,948.09	6948.13	4 - 14	Chinle/Alluvium Interface
MKTF-47	02/28/22	2.00	14.30	11.42	0.05	11.47	6,948.04	6948.08	4 - 14	Chinle/Alluvium Interface
MKTF-47	03/02/22	2.00	14.30	11.42	0.05	11.47	6,948.04	6948.08	4 - 14	Chinle/Alluvium Interface
MKTF-47	04/27/22	2.00	14.30	11.66	0.04	11.70	6,947.81	6947.84	4 - 14	Chinle/Alluvium Interface
MKTF-47	05/05/22	2.00	14.30	11.64	0.02	11.66	6,947.85	6947.87	4 - 14	Chinle/Alluvium Interface
MKTF-47	06/01/22	2.00	14.35	11.37	0.06	11.43	6,948.08	6948.13	4 - 14	Chinle/Alluvium Interface
MKTF-47	07/06/22	2.00	14.40	11.10	0.07	11.17	6,948.34	6948.40	4 - 14	Chinle/Alluvium Interface
MKTF-47	08/08/22	2.00	14.45	11.12	0.07	11.19	6,948.32	6948.38	4 - 14	Chinle/Alluvium Interface
MKTF-47	09/01/22	2.00	14.50	11.57	0.10	11.67	6,947.84	6947.92	4 - 14	Chinle/Alluvium Interface
MKTF-47	10/03/22	2.00	14.55	11.60	0.11	11.71	6,947.80	6947.89	4 - 14	Chinle/Alluvium Interface
MKTF-47	11/03/22	2.00	14.60	11.62	0.09	11.71	6,947.80	6947.87	4 - 14	Chinle/Alluvium Interface
MKTF-47	12/06/22	2.00	14.65	11.58	0.09	11.67	6,947.84	6947.91	4 - 14	Chinle/Alluvium Interface
MKTF-47	1/30/2023	2.00	14.55	11.62	0.08	11.70	6,947.81	6947.87	4 - 14	Chinle/Alluvium Interface
MKTF-47	2/27/2023	2.00	14.60	11.74	0.08	11.82	6,947.69	6947.75	4 - 14	Chinle/Alluvium Interface
MKTF-47	3/7/2023	2.00	14.65	10.82	0.03	10.85	6,948.66	6948.68	4 - 14	Chinle/Alluvium Interface
MKTF-47	4/12/2023	2.00	14.55	10.40	0.02	10.42	6,949.09	6949.11	4 - 14	Chinle/Alluvium Interface
MKTF-47	5/15/2023	2.00	14.60	10.40	0.05	10.45	6,949.06	6949.10	4 - 14	Chinle/Alluvium Interface
MKTF-47	6/12/2023	2.00	14.65	10.41	0.02	10.43	6,949.08	6949.10	4 - 14	Chinle/Alluvium Interface
MKTF-47	7/25/2023	2.00	14.65	10.45	0.02	10.47	6,949.04	6949.06	4 - 14	Chinle/Alluvium Interface
MKTF-47	8/18/2023	2.00	14.65	ND	NA	9.84	6,949.67	NA	4 - 14	Chinle/Alluvium Interface
MKTF-47	9/6/2023	2.00	14.65	ND	NA	9.84	6,949.67	NA	4 - 14	Chinle/Alluvium Interface
MKTF-47	10/25/2023	2.00	14.65	ND	NA	9.95	6,949.56	NA	4 - 14	Chinle/Alluvium Interface
MKTF-47	11/13/2023	2.00	14.65	ND	NA	9.30	6,950.21	NA	4 - 14	Chinle/Alluvium Interface
MKTF-47	12/1/2023	2.00	14.65	ND	NA	9.18	6,950.33	NA	4 - 14	Chinle/Alluvium Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-48	06/01/21	2.00	20.95	10.15	0.24	10.39	6,948.85	6949.04	2 - 17	Chinle/Alluvium Interface
MKTF-48	07/21/21	2.00	20.95	10.51	0.21	10.72	6,948.52	6948.69	2 - 17	Chinle/Alluvium Interface
MKTF-48	08/25/21	2.00	20.95	10.86	0.25	11.11	6,948.13	6948.33	2 - 17	Chinle/Alluvium Interface
MKTF-48	09/09/21	2.00	20.95	10.83	0.22	11.05	6,948.19	6948.37	2 - 17	Chinle/Alluvium Interface
MKTF-48	10/27/21	2.00	20.95	11.04	0.37	11.41	6,947.83	6948.13	2 - 17	Chinle/Alluvium Interface
MKTF-48	11/17/21	2.00	20.95	11.12	0.57	11.69	6,947.55	6948.01	2 - 17	Chinle/Alluvium Interface
MKTF-48	12/03/21	2.00	20.95	11.85	0.54	12.39	6,946.85	6947.28	2 - 17	Chinle/Alluvium Interface
MKTF-48	01/10/22	2.00	20.95	12.07	0.29	12.36	6,946.88	6947.11	2 - 17	Chinle/Alluvium Interface
MKTF-48	02/28/22	2.00	20.95	12.12	0.20	12.32	6,946.92	6947.08	2 - 17	Chinle/Alluvium Interface
MKTF-48	03/02/22	2.00	21.00	11.89	0.45	12.34	6,946.90	6947.26	2 - 17	Chinle/Alluvium Interface
MKTF-48	04/27/22	2.00	21.00	7.89	1.45	9.34	6,949.90	6951.06	2 - 17	Chinle/Alluvium Interface
MKTF-48	05/05/22	2.00	21.00	7.89	1.46	9.35	6,949.89	6951.06	2 - 17	Chinle/Alluvium Interface
MKTF-48	06/01/22	2.00	21.00	7.86	1.45	9.31	6,949.93	6951.09	2 - 17	Chinle/Alluvium Interface
MKTF-48	07/06/22	2.00	21.00	8.62	1.58	10.20	6,949.04	6950.30	2 - 17	Chinle/Alluvium Interface
MKTF-48	08/08/22	2.00	21.00	8.71	1.52	10.23	6,949.01	6950.23	2 - 17	Chinle/Alluvium Interface
MKTF-48	09/01/22	2.00	21.00	8.02	1.42	9.44	6,949.80	6950.94	2 - 17	Chinle/Alluvium Interface
MKTF-48	10/03/22	2.00	21.00	11.13	0.06	11.19	6,948.05	6948.10	2 - 17	Chinle/Alluvium Interface
MKTF-48	11/03/22	2.00	21.00	11.19	0.06	11.25	6,947.99	6948.04	2 - 17	Chinle/Alluvium Interface
MKTF-48	12/06/22	2.00	21.00	11.51	0.04	11.55	6,947.69	6947.72	2 - 17	Chinle/Alluvium Interface
MKTF-48	1/30/2023	2.00	21.00	11.55	0.05	11.60	6,947.64	6947.68	2 - 17	Chinle/Alluvium Interface
MKTF-48	2/27/2023	2.00	21.00	11.74	0.08	11.82	6,947.42	6947.48	2 - 17	Chinle/Alluvium Interface
MKTF-48	3/7/2023	2.00	21.00	11.64	0.02	11.66	6,947.58	6947.60	2 - 17	Chinle/Alluvium Interface
MKTF-48	4/12/2023	2.00	21.00	11.61	0.03	11.64	6,947.60	6947.62	2 - 17	Chinle/Alluvium Interface
MKTF-48	5/15/2023	2.00	21.00	11.66	0.04	11.70	6,947.54	6947.57	2 - 17	Chinle/Alluvium Interface
MKTF-48	6/12/2023	2.00	21.00	11.20	0.02	11.22	6,948.02	6948.04	2 - 17	Chinle/Alluvium Interface
MKTF-48	7/25/2023	2.00	21.00	11.01	0.07	11.08	6,948.16	6948.22	2 - 17	Chinle/Alluvium Interface
MKTF-48	8/23/2023	2.00	21.00	11.13	0.13	11.26	6,947.98	6948.08	2 - 17	Chinle/Alluvium Interface
MKTF-48	9/6/2023	2.00	21.00	11.11	0.13	11.24	6,948.00	6948.10	2 - 17	Chinle/Alluvium Interface
MKTF-48	10/25/2023	2.00	21.00	ND	NA	11.20	6,948.04	NA	2 - 17	Chinle/Alluvium Interface
MKTF-48	11/13/2023	2.00	21.00	ND	NA	11.41	6,947.83	NA	2 - 17	Chinle/Alluvium Interface
MKTF-48	12/1/2023	2.00	21.00	ND	NA	11.32	6,947.92	NA	2 - 17	Chinle/Alluvium Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-49	06/01/21	2.00	25.02	ND	NA	18.16	6,925.84	NA	5 - 25	Chinle/Alluvium Interface
MKTF-49	06/16/21	2.00	25.02	18.64	0.68	19.32	6,924.68	6925.22	5 - 25	Chinle/Alluvium Interface
MKTF-49	07/07/21	2.00	25.02	17.99	0.69	18.68	6,925.32	6925.87	5 - 25	Chinle/Alluvium Interface
MKTF-49	08/04/21	2.00	25.02	18.36	1.00	19.36	6,924.64	6925.44	5 - 25	Chinle/Alluvium Interface
MKTF-49	09/09/21	2.00	25.02	18.01	1.06	19.07	6,924.93	6925.78	5 - 25	Chinle/Alluvium Interface
MKTF-49	10/27/21	2.00	25.02	18.04	0.42	18.46	6,925.54	6925.88	5 - 25	Chinle/Alluvium Interface
MKTF-49	11/02/21	2.00	25.02	18.00	0.45	18.45	6,925.55	6925.91	5 - 25	Chinle/Alluvium Interface
MKTF-49	12/03/21	2.00	25.02	17.74	0.29	18.03	6,925.97	6926.20	5 - 25	Chinle/Alluvium Interface
MKTF-49	01/10/22	2.00	25.02	18.34	0.48	18.82	6,925.18	6925.56	5 - 25	Chinle/Alluvium Interface
MKTF-49	02/28/22	2.00	25.02	18.24	0.66	18.90	6,925.10	6925.63	5 - 25	Chinle/Alluvium Interface
MKTF-49	03/02/22	2.00	25.00	17.70	0.18	17.88	6,926.12	6926.26	5 - 25	Chinle/Alluvium Interface
MKTF-49	04/27/22	2.00	25.00	18.79	0.26	19.05	6,924.95	6925.16	5 - 25	Chinle/Alluvium Interface
MKTF-49	05/04/22	2.00	25.00	18.46	2.00	20.46	6,923.54	6925.14	5 - 25	Chinle/Alluvium Interface
MKTF-49	06/01/22	2.00	25.00	18.69	1.20	19.89	6,924.11	6925.07	5 - 25	Chinle/Alluvium Interface
MKTF-49	07/06/22	2.00	25.00	18.69	2.03	20.72	6,923.28	6924.90	5 - 25	Chinle/Alluvium Interface
MKTF-49	08/08/22	2.00	25.00	18.53	1.57	20.10	6,923.90	6925.16	5 - 25	Chinle/Alluvium Interface
MKTF-49	09/01/22	2.00	25.00	18.44	1.74	20.18	6,923.82	6925.21	5 - 25	Chinle/Alluvium Interface
MKTF-49	10/03/22	2.00	25.00	18.62	0.60	19.22	6,924.78	6925.26	5 - 25	Chinle/Alluvium Interface
MKTF-49	11/03/22	2.00	25.00	18.64	0.64	19.28	6,924.72	6925.23	5 - 25	Chinle/Alluvium Interface
MKTF-49	12/06/22	2.00	25.00	18.58	1.14	19.72	6,924.28	6925.19	5 - 25	Chinle/Alluvium Interface
MKTF-49	1/30/2023	2.00	25.00	18.60	1.14	19.74	6,924.26	6925.17	5 - 25	Chinle/Alluvium Interface
MKTF-49	2/27/2023	2.00	25.00	18.74	0.88	19.62	6,924.38	6925.08	5 - 25	Chinle/Alluvium Interface
MKTF-49	3/31/2023	2.00	25.00	10.62	0.63	11.25	6,932.75	6933.25	5 - 25	Chinle/Alluvium Interface
MKTF-49	4/6/2023	2.00	25.00	18.79	1.45	20.24	6,923.76	6924.92	5 - 25	Chinle/Alluvium Interface
MKTF-49	4/12/2023	2.00	25.00	17.76	2.33	20.09	6,923.91	6925.77	5 - 25	Chinle/Alluvium Interface
MKTF-49	5/15/2023	2.00	25.00	19.02	0.90	19.92	6,924.08	6924.80	5 - 25	Chinle/Alluvium Interface
MKTF-49	6/12/2023	2.00	25.00	18.75	0.87	19.62	6,924.38	6925.08	5 - 25	Chinle/Alluvium Interface
MKTF-49	7/25/2023	2.00	25.00	19.04	0.95	19.99	6,924.01	6924.77	5 - 25	Chinle/Alluvium Interface
MKTF-49	8/21/2023	2.00	25.00	19.56	0.82	20.38	6,923.62	6924.28	5 - 25	Chinle/Alluvium Interface
MKTF-49	9/6/2023	2.00	25.00	19.54	0.80	20.34	6,923.66	6924.30	5 - 25	Chinle/Alluvium Interface
MKTF-49	10/25/2023	2.00	25.00	19.57	0.82	20.39	6,923.61	6924.27	5 - 25	Chinle/Alluvium Interface
MKTF-49	11/14/2023	2.00	25.00	20.06	0.14	20.20	6,923.80	6923.91	5 - 25	Chinle/Alluvium Interface
MKTF-49	12/1/2023	2.00	25.00	20.06	0.08	20.14	6,923.86	6923.92	5 - 25	Chinle/Alluvium Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-50	06/01/21	2.00	21.70	ND	NA	13.52	6,926.16	NA	3 - 18	Chinle/Alluvium Interface
MKTF-50	06/16/21	2.00	21.70	13.54	0.17	13.71	6,925.97	6926.11	3 - 18	Chinle/Alluvium Interface
MKTF-50	07/21/21	2.00	21.70	11.61	0.45	12.06	6,927.62	6927.98	3 - 18	Chinle/Alluvium Interface
MKTF-50	08/04/21	2.00	21.70	12.31	0.30	12.61	6,927.07	6927.31	3 - 18	Chinle/Alluvium Interface
MKTF-50	09/09/21	2.00	21.70	12.26	0.28	12.54	6,927.14	6927.36	3 - 18	Chinle/Alluvium Interface
MKTF-50	10/27/21	2.00	21.70	12.34	0.31	12.65	6,927.03	6927.28	3 - 18	Chinle/Alluvium Interface
MKTF-50	11/02/21	2.00	21.70	12.41	0.27	12.68	6,927.00	6927.22	3 - 18	Chinle/Alluvium Interface
MKTF-50	12/09/21	2.00	21.70	12.30	0.26	12.56	6,927.12	6927.33	3 - 18	Chinle/Alluvium Interface
MKTF-50	01/10/22	2.00	21.70	12.36	0.18	12.54	6,927.14	6927.28	3 - 18	Chinle/Alluvium Interface
MKTF-50	02/28/22	2.00	21.70	12.41	0.16	12.57	6,927.11	6927.24	3 - 18	Chinle/Alluvium Interface
MKTF-50	03/02/22	2.00	21.71	12.27	0.30	12.57	6,927.11	6927.35	3 - 18	Chinle/Alluvium Interface
MKTF-50	04/27/22	2.00	21.71	12.66	0.23	12.89	6,926.79	6926.97	3 - 18	Chinle/Alluvium Interface
MKTF-50	05/05/22	2.00	21.71	12.68	0.20	12.88	6,926.80	6926.96	3 - 18	Chinle/Alluvium Interface
MKTF-50	06/01/22	2.00	21.71	12.87	0.31	13.18	6,926.50	6926.75	3 - 18	Chinle/Alluvium Interface
MKTF-50	07/06/22	2.00	21.71	12.66	0.23	12.89	6,926.79	6926.97	3 - 18	Chinle/Alluvium Interface
MKTF-50	08/08/22	2.00	21.71	12.82	0.30	13.12	6,926.56	6926.80	3 - 18	Chinle/Alluvium Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-50	09/01/22	2.00	21.71	12.76	0.29	13.05	6,926.63	6926.86	3 - 18	Chinle/Alluvium Interface
MKTF-50	10/03/22	2.00	21.71	12.68	0.28	12.96	6,926.72	6926.94	3 - 18	Chinle/Alluvium Interface
MKTF-50	11/03/22	2.00	21.71	12.76	0.25	13.01	6,926.67	6926.87	3 - 18	Chinle/Alluvium Interface
MKTF-50	12/06/22	2.00	21.71	NM	NM	12.89	6,926.79	NA	3 - 18	Chinle/Alluvium Interface
MKTF-50	01/11/23	2.00	21.71	13.35	0.91	14.26	6,925.42	6926.15	3 - 18	Chinle/Alluvium Interface
MKTF-50	02/27/23	2.00	21.71	ND	NA	13.09	6,926.59	NA	3 - 18	Chinle/Alluvium Interface
MKTF-50	03/31/23	2.00	21.71	12.66	0.27	12.93	6,926.75	6926.97	3 - 18	Chinle/Alluvium Interface
MKTF-50	04/12/23	2.00	21.71	12.51	0.36	12.87	6,926.81	6927.10	3 - 18	Chinle/Alluvium Interface
MKTF-50	05/15/23	2.00	21.71	12.48	0.42	12.90	6,926.78	6927.12	3 - 18	Chinle/Alluvium Interface
MKTF-50	6/12/2023	2.00	21.71	12.59	0.38	12.97	6,926.71	6927.01	3 - 18	Chinle/Alluvium Interface
MKTF-50	7/25/2023	2.00	21.71	12.56	0.45	13.01	6,926.67	6927.03	3 - 18	Chinle/Alluvium Interface
MKTF-50	8/23/2023	2.00	21.71	14.25	0.36	14.61	6,925.07	6925.36	3 - 18	Chinle/Alluvium Interface
MKTF-50	9/6/2023	2.00	21.71	14.21	0.37	14.58	6,925.10	6925.40	3 - 18	Chinle/Alluvium Interface
MKTF-50	10/30/2023	2.00	21.71	14.28	0.37	14.65	6,925.03	6925.33	3 - 18	Chinle/Alluvium Interface
MKTF-50	11/14/2023	2.00	21.71	14.41	0.37	14.78	6,924.90	6925.20	3 - 18	Chinle/Alluvium Interface
MKTF-50	12/1/2023	2.00	21.71	14.36	0.36	14.72	6,924.96	6925.25	3 - 18	Chinle/Alluvium Interface

Notes:

¹ = Corrected water table elevation calculation =
(SPH thickness x 0.8) + ground water elevation

ft = feet

ft-bgs = feet below ground surface

SPH = separate phase hydrocarbon

NA = Not applicable

ND = Not detected

NM = Not measured

Dry indicates no fluid was detected

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

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

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

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
GWM-1	07/24/23	2.00	26.40	18.51	2.10	20.61	6,889.61	6891.29	17.5 - 23.5	Chinle/Alluvial Interface
GWM-1	08/18/23	2.00	26.40	18.49	2.10	20.59	6,889.63	6891.31	17.5 - 23.5	Chinle/Alluvial Interface
GWM-1	09/05/23	2.00	26.40	18.51	2.10	20.61	6,889.61	6891.29	17.5 - 23.5	Chinle/Alluvial Interface
GWM-1	10/25/23	2.00	26.40	18.72	1.99	20.71	6,889.51	6891.10	17.5 - 23.6	Chinle/Alluvial Interface
GWM-1	11/13/23	2.00	26.40	18.68	1.98	20.66	6,889.56	6891.14	17.5 - 23.7	Chinle/Alluvial Interface
GWM-1	12/01/23	2.00	26.40	18.71	1.97	20.68	6,889.54	6891.12	17.5 - 23.8	Chinle/Alluvial Interface
GWM-2	06/03/21	2.00	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	07/06/21	2.00	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	08/25/21	2.00	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	09/09/21	2.00	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	10/27/21	2.00	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	11/17/21	2.00	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	12/03/21	2.00	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	01/10/22	2.00	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	02/28/22	2.00	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	03/01/22	2.00	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	04/27/22	2.00	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	05/05/22	2.00	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	06/01/22	2.00	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	07/07/22	2.00	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	08/09/22	2.00	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	09/02/22	2.00	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	10/05/22	2.00	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	10/06/22	2.00	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
GWM-2	12/06/22	2.00	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	01/11/23	2.00	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	02/28/23	2.00	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	03/31/23	2.00	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	04/13/23	2.00	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	05/15/23	2.00	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	6/2/2023	2.00	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	7/24/2023	2.00	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	8/18/2023	2.00	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	9/5/2023	2.00	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	10/25/2023	2.00	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	11/13/2023	2.00	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	12/1/2023	2.00	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-3	06/03/21	2.00	19.15	ND	NA	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	07/06/21	2.00	19.15	ND	NA	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	08/25/21	2.00	19.15	ND	NA	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	09/09/21	2.00	19.15	ND	NA	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	10/27/21	2.00	19.15	ND	NA	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	11/17/21	2.00	19.15	ND	NA	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	12/03/21	2.00	19.15	ND	NA	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	01/10/22	2.00	19.15	ND	NA	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	02/28/22	2.00	19.15	ND	NA	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	03/01/22	2.00	19.15	ND	NA	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	04/27/22	2.00	19.15	ND	NA	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
GWM-3	05/05/22	2.00	19.15	ND	NA	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	06/01/22	2.00	19.15	ND	NA	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	07/07/22	2.00	19.15	ND	NA	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	08/09/22	2.00	19.15	ND	NA	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	09/02/22	2.00	19.15	ND	NA	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	10/05/22	2.00	19.15	ND	NA	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	11/02/22	2.00	19.15	ND	NA	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	12/06/22	2.00	19.15	ND	NA	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	1/11/2023	2.00	19.15	ND	NA	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	2/28/2023	2.00	19.15	ND	NA	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	3/31/2023	2.00	19.15	ND	NA	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	4/13/2023	2.00	19.15	ND	NA	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	5/15/2023	2.00	19.15	ND	NA	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	6/2/2023	2.00	19.15	ND	NA	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	7/24/2023	2.00	19.15	ND	NA	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	8/18/2023	2.00	19.15	ND	NA	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	9/5/2023	2.00	19.15	ND	NA	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	10/25/2023	2.00	19.15	ND	NA	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	11/13/2023	2.00	19.15	ND	NA	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	12/1/2023	2.00	19.15	ND	NA	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
KA-3	06/03/21	2.00	23.20	ND	NA	11.17	6,902.12	NA	15 - 25	Chinle/Alluvial Interface
KA-3	07/06/21	2.00	23.20	ND	NA	10.21	6,903.08	NA	15 - 25	Chinle/Alluvial Interface
KA-3	08/25/21	2.00	23.20	ND	NA	10.18	6,903.11	NA	15 - 25	Chinle/Alluvial Interface
KA-3	09/08/21	2.00	23.20	ND	NA	10.08	6,903.21	NA	15 - 25	Chinle/Alluvial Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
KA-3	10/27/21	2.00	23.20	ND	NA	8.75	6,904.54	NA	15 - 25	Chinle/Alluvial Interface
KA-3	11/17/21	2.00	23.20	ND	NA	9.73	6,903.56	NA	15 - 25	Chinle/Alluvial Interface
KA-3	12/13/21	2.00	23.20	ND	NA	10.33	6,902.96	NA	15 - 25	Chinle/Alluvial Interface
KA-3	01/10/22	2.00	23.20	ND	NA	10.21	6,903.08	NA	15 - 25	Chinle/Alluvial Interface
KA-3	02/28/22	2.00	23.20	ND	NA	10.18	6,903.11	NA	15 - 25	Chinle/Alluvial Interface
KA-3	03/01/22	2.00	23.20	ND	NA	10.30	6,902.99	NA	15 - 25	Chinle/Alluvial Interface
KA-3	04/27/22	2.00	23.20	ND	NA	10.86	6,902.43	NA	15 - 25	Chinle/Alluvial Interface
KA-3	05/05/22	2.00	23.20	ND	NA	10.90	6,902.39	NA	15 - 25	Chinle/Alluvial Interface
KA-3	06/01/22	2.00	23.20	ND	NA	11.72	6,901.57	NA	15 - 25	Chinle/Alluvial Interface
KA-3	07/07/22	2.00	23.20	ND	NA	11.45	6,901.84	NA	15 - 25	Chinle/Alluvial Interface
KA-3	08/09/22	2.00	23.20	ND	NA	11.32	6,901.97	NA	15 - 25	Chinle/Alluvial Interface
KA-3	09/02/22	2.00	23.20	ND	NA	11.57	6,901.72	NA	15 - 25	Chinle/Alluvial Interface
KA-3	10/05/22	2.00	23.20	ND	NA	11.80	6,901.49	NA	15 - 25	Chinle/Alluvial Interface
KA-3	11/02/22	2.00	23.20	ND	NA	11.72	6,901.57	NA	15 - 25	Chinle/Alluvial Interface
KA-3	12/14/22	2.00	23.20	ND	NA	11.89	6,901.40	NA	15 - 25	Chinle/Alluvial Interface
KA-3	01/11/23	2.00	23.20	ND	NA	11.87	6,901.42	NA	15 - 25	Chinle/Alluvial Interface
KA-3	02/28/23	2.00	23.20	ND	NA	11.72	6,901.57	NA	15 - 25	Chinle/Alluvial Interface
KA-3	03/07/23	2.00	23.20	ND	NA	11.32	6,901.97	NA	15 - 25	Chinle/Alluvial Interface
KA-3	04/12/23	2.00	23.20	ND	NA	11.21	6,902.08	NA	15 - 25	Chinle/Alluvial Interface
KA-3	05/15/23	2.00	23.20	ND	NA	11.19	6,902.10	NA	15 - 25	Chinle/Alluvial Interface
KA-3	06/02/23	2.00	23.20	ND	NA	11.43	6,901.86	NA	15 - 25	Chinle/Alluvial Interface
KA-3	07/24/23	2.00	23.20	ND	NA	11.32	6,901.97	NA	15 - 25	Chinle/Alluvial Interface
KA-3	08/18/23	2.00	23.20	ND	NA	11.38	6,901.91	NA	15 - 25	Chinle/Alluvial Interface
KA-3	09/05/23	2.00	23.20	ND	NA	11.42	6,901.87	NA	15 - 25	Chinle/Alluvial Interface
KA-3	10/24/23	2.00	23.20	ND	NA	11.50	6,901.79	NA	15 - 25	Chinle/Alluvial Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
KA-3	11/14/23	2.00	23.20	ND	NA	11.05	6,902.24	NA	15 - 25	Chinle/Alluvial Interface
KA-3	12/01/23	2.00	23.20	ND	NA	11.37	6,901.92	NA	15 - 25	Chinle/Alluvial Interface
NAPIS-1	06/03/21	2.00	13.94	ND	NA	7.61	6,906.01	NA	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	07/06/21	2.00	13.94	ND	NA	6.82	6,906.80	NA	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	08/25/21	2.00	13.94	ND	NA	6.73	6,906.89	NA	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	09/08/21	2.00	13.94	6.79	0.01	6.80	6,906.82	6906.83	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	10/27/21	2.00	13.94	6.61	0.01	6.62	6,907.00	6907.01	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	11/17/21	2.00	13.94	6.87	0.03	6.90	6,906.72	6906.74	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	12/03/21	2.00	13.94	7.02	0.02	7.04	6,906.58	6906.60	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	01/10/22	2.00	13.94	7.06	0.03	7.09	6,906.53	6906.55	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	02/28/22	2.00	13.94	7.04	0.04	7.08	6,906.54	6906.57	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	03/01/22	2.00	13.94	7.07	0.02	7.09	6,906.53	6906.55	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	04/27/22	2.00	13.94	7.26	0.05	7.31	6,906.31	6906.35	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	05/05/22	2.00	13.94	7.27	0.07	7.34	6,906.28	6906.34	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	06/01/22	2.00	13.94	7.21	0.03	7.24	6,906.38	6906.40	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	07/07/22	2.00	13.94	7.01	0.02	7.03	6,906.59	6906.61	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	08/09/22	2.00	13.94	7.04	0.02	7.06	6,906.56	6906.58	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	09/02/22	2.00	13.94	7.20	0.03	7.23	6,906.39	6906.41	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	10/05/22	2.00	13.94	7.26	0.04	7.30	6,906.32	6906.35	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	11/02/22	2.00	13.94	7.29	0.04	7.33	6,906.29	6906.32	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	12/06/22	2.00	13.94	7.39	0.05	7.44	6,906.18	6906.22	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	1/11/2023	2.00	13.94	7.36	0.07	7.43	6,906.19	6906.25	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	2/28/2023	2.00	13.94	7.26	0.05	7.31	6,906.31	6906.35	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	3/7/2023	2.00	13.94	7.34	0.06	7.40	6,906.22	6906.27	3.7 - 13.7	Chinle/Alluvial Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
NAPIS-1	4/13/2023	2.00	13.94	7.42	0.11	7.53	6,906.09	6906.18	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	5/15/2023	2.00	13.94	7.45	0.01	7.46	6,906.16	6906.17	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	6/2/2023	2.00	13.94	7.38	0.06	7.44	6,906.18	6906.23	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	7/25/2023	2.00	13.94	7.41	0.05	7.46	6,906.16	6906.20	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	8/18/2023	2.00	13.94	7.34	0.06	7.40	6,906.22	6906.27	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	9/7/2023	2.00	13.94	7.34	0.02	7.36	6,906.26	6906.28	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	10/30/2023	2.00	13.94	7.36	0.02	7.38	6,906.24	6906.26	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	11/14/2023	2.00	13.94	7.34	0.02	7.36	6,906.26	6906.28	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	12/1/2023	2.00	13.94	7.64	0.02	7.66	6,905.96	6905.98	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-2	06/03/21	2.00	14.74	ND	NA	9.85	6,903.55	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	07/06/21	2.00	14.74	ND	NA	8.55	6,904.85	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	08/25/21	2.00	14.74	ND	NA	9.00	6,904.40	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	09/08/21	2.00	14.74	ND	NA	9.03	6,904.37	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	10/27/21	2.00	14.74	ND	NA	8.70	6,904.70	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	11/17/21	2.00	14.74	ND	NA	9.08	6,904.32	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	12/13/21	2.00	14.39	ND	NA	9.19	6,904.21	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	01/10/22	2.00	14.39	ND	NA	9.30	6,904.10	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	02/28/22	2.00	14.39	ND	NA	9.29	6,904.11	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	03/01/22	2.00	14.40	ND	NA	9.15	6,904.25	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	04/27/22	2.00	14.40	ND	NA	9.81	6,903.59	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	05/05/22	2.00	14.40	ND	NA	10.00	6,903.40	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	06/01/22	2.00	14.65	ND	NA	10.80	6,902.60	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	07/07/22	2.00	14.90	ND	NA	10.85	6,902.55	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	08/09/22	2.00	15.15	ND	NA	10.98	6,902.42	NA	4.2 - 14.2	Chinle/Alluvial Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
NAPIS-2	09/02/22	2.00	15.40	ND	NA	10.60	6,902.80	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	10/05/22	2.00	15.65	ND	NA	10.65	6,902.75	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	11/02/22	2.00	15.90	ND	NA	10.68	6,902.72	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	12/14/22	2.00	16.15	ND	NA	10.68	6,902.72	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	01/11/23	2.00	15.65	ND	NA	10.65	6,902.75	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	02/28/23	2.00	15.90	ND	NA	10.55	6,902.85	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	03/07/23	2.00	16.15	ND	NA	9.96	6,903.44	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	04/13/23	2.00	15.65	ND	NA	9.94	6,903.46	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	05/15/23	2.00	15.90	ND	NA	10.20	6,903.20	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	06/02/23	2.00	16.15	ND	NA	10.98	6,902.42	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	07/25/01	2.00	15.65	ND	NA	11.03	6,902.37	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	08/18/23	2.00	15.90	ND	NA	10.96	6,902.44	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	09/07/23	2.00	16.15	ND	NA	10.90	6,902.50	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	10/30/23	2.00	16.15	ND	NA	11.00	6,902.40	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	11/14/23	2.00	16.15	ND	NA	10.10	6,903.30	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	12/01/23	2.00	16.15	ND	NA	10.85	6,902.55	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-3	06/03/21	2.00	31.50	ND	NA	9.93	6,903.45	NA	25.4 - 30.4	Chinle/Alluvial Interface
NAPIS-3	07/06/21	2.00	31.50	ND	NA	8.37	6,905.01	NA	25.4 - 30.4	Chinle/Alluvial Interface
NAPIS-3	08/25/21	2.00	31.50	ND	NA	8.72	6,904.66	NA	25.4 - 30.4	Chinle/Alluvial Interface
NAPIS-3	09/08/21	2.00	31.50	ND	NA	8.77	6,904.61	NA	25.4 - 30.4	Chinle/Alluvial Interface
NAPIS-3	10/27/21	2.00	31.50	ND	NA	8.58	6,904.80	NA	25.4 - 30.4	Chinle/Alluvial Interface
NAPIS-3	11/17/21	2.00	31.50	ND	NA	8.75	6,904.63	NA	25.4 - 30.4	Chinle/Alluvial Interface
NAPIS-3	12/13/21	2.00	31.50	ND	NA	8.85	6,904.53	NA	25.4 - 30.4	Chinle/Alluvial Interface
NAPIS-3	01/10/22	2.00	31.50	ND	NA	8.92	6,904.46	NA	25.4 - 30.4	Chinle/Alluvial Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
NAPIS-3	02/28/22	2.00	31.50	ND	NA	8.62	6,904.76	NA	25.4 - 30.4	Chinle/Alluvial Interface
NAPIS-3	03/01/22	2.00	31.50	ND	NA	8.80	6,904.58	NA	25.4 - 30.4	Chinle/Alluvial Interface
NAPIS-3	04/27/22	2.00	31.50	ND	NA	8.97	6,904.41	NA	25.4 - 30.4	Chinle/Alluvial Interface
NAPIS-3	05/05/22	2.00	31.50	ND	NA	9.04	6,904.34	NA	25.4 - 30.4	Chinle/Alluvial Interface
NAPIS-3	06/01/22	2.00	31.50	ND	NA	10.63	6,902.75	NA	25.4 - 30.4	Chinle/Alluvial Interface
NAPIS-3	07/07/22	2.00	31.50	ND	NA	10.65	6,902.73	NA	25.4 - 30.4	Chinle/Alluvial Interface
NAPIS-3	08/09/22	2.00	31.50	ND	NA	10.60	6,902.78	NA	25.4 - 30.4	Chinle/Alluvial Interface
NAPIS-3	09/02/22	2.00	31.50	ND	NA	10.37	6,903.01	NA	25.4 - 30.4	Chinle/Alluvial Interface
NAPIS-3	10/05/22	2.00	31.50	ND	NA	10.34	6,903.04	NA	25.4 - 30.4	Chinle/Alluvial Interface
NAPIS-3	11/02/22	2.00	31.50	ND	NA	10.42	6,902.96	NA	25.4 - 30.4	Chinle/Alluvial Interface
NAPIS-3	12/14/22	2.00	31.50	ND	NA	10.48	6,902.90	NA	25.4 - 30.4	Chinle/Alluvial Interface
NAPIS-3	01/11/23	2.00	31.50	ND	NA	10.46	6,902.92	NA	25.4 - 30.4	Chinle/Alluvial Interface
NAPIS-3	02/28/23	2.00	31.50	ND	NA	10.20	6,903.18	NA	25.4 - 30.4	Chinle/Alluvial Interface
NAPIS-3	03/07/23	2.00	31.50	ND	NA	9.62	6,903.76	NA	25.4 - 30.4	Chinle/Alluvial Interface
NAPIS-3	04/13/23	2.00	31.50	ND	NA	9.67	6,903.71	NA	25.4 - 30.4	Chinle/Alluvial Interface
NAPIS-3	05/15/23	2.00	31.50	ND	NA	9.77	6,903.61	NA	25.4 - 30.4	Chinle/Alluvial Interface
NAPIS-3	06/02/23	2.00	31.50	ND	NA	9.82	6,903.56	NA	25.4 - 30.4	Chinle/Alluvial Interface
NAPIS-3	07/25/23	2.00	31.50	ND	NA	9.92	6,903.46	NA	25.4 - 30.4	Chinle/Alluvial Interface
NAPIS-3	08/18/23	2.00	31.50	ND	NA	9.89	6,903.49	NA	25.4 - 30.4	Chinle/Alluvial Interface
NAPIS-3	09/07/23	2.00	31.50	ND	NA	9.87	6,903.51	NA	25.4 - 30.4	Chinle/Alluvial Interface
NAPIS-3	10/30/23	2.00	31.50	ND	NA	9.89	6,903.49	NA	25.4 - 30.4	Chinle/Alluvial Interface
NAPIS-3	11/14/23	2.00	31.50	ND	NA	10.12	6,903.26	NA	25.4 - 30.4	Chinle/Alluvial Interface
NAPIS-3	12/01/23	2.00	31.50	ND	NA	10.08	6,903.30	NA	25.4 - 30.4	Chinle/Alluvial Interface
OAPIS-1	06/03/21	2.00	28.00	ND	NA	10.72	6,903.65	NA	16 - 26	Chinle/Alluvial Interface

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

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

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
OAPIS-1	08/23/23	2.00	28.00	ND	NA	10.14	6,904.23	NA	16 - 26	Chinle/Alluvial Interface
OAPIS-1	09/07/23	2.00	28.00	ND	NA	10.12	6,904.25	NA	16 - 26	Chinle/Alluvial Interface
OAPIS-1	10/30/23	2.00	28.00	ND	NA	10.24	6,904.13	NA	16 - 26	Chinle/Alluvial Interface
OAPIS-1	11/14/23	2.00	28.00	ND	NA	10.47	6,903.90	NA	16 - 26	Chinle/Alluvial Interface
OAPIS-1	12/01/23	2.00	28.00	ND	NA	9.90	6,904.47	NA	16 - 26	Chinle/Alluvial Interface
OW-57	06/02/21	2.00	27.19	ND	NA	21.24	6,913.47	NA	15 - 25	Chinle/Alluvial Interface
OW-57	07/06/21	2.00	27.19	ND	NA	20.04	6,914.67	NA	15 - 25	Chinle/Alluvial Interface
OW-57	08/25/21	2.00	27.19	ND	NA	21.73	6,912.98	NA	15 - 25	Chinle/Alluvial Interface
OW-57	09/09/21	2.00	27.40	ND	NA	21.91	6,912.80	NA	15 - 25	Chinle/Alluvial Interface
OW-57	10/27/21	2.00	27.40	ND	NA	21.91	6,912.80	NA	15 - 25	Chinle/Alluvial Interface
OW-57	11/17/21	2.00	27.40	ND	NA	21.42	6,913.29	NA	15 - 25	Chinle/Alluvial Interface
OW-57	12/13/21	2.00	28.08	ND	NA	21.96	6,912.75	NA	15 - 25	Chinle/Alluvial Interface
OW-57	01/10/22	2.00	28.08	ND	NA	21.84	6,912.87	NA	15 - 25	Chinle/Alluvial Interface
OW-57	02/28/22	2.00	28.08	ND	NA	21.82	6,912.89	NA	15 - 25	Chinle/Alluvial Interface
OW-57	03/01/22	2.00	28.08	ND	NA	22.01	6,912.70	NA	15 - 25	Chinle/Alluvial Interface
OW-57	04/27/22	2.00	28.08	ND	NA	22.36	6,912.35	NA	15 - 25	Chinle/Alluvial Interface
OW-57	05/05/22	2.00	28.08	ND	NA	22.43	6,912.28	NA	15 - 25	Chinle/Alluvial Interface
OW-57	06/01/22	2.00	28.08	ND	NA	22.56	6,912.15	NA	15 - 25	Chinle/Alluvial Interface
OW-57	07/07/22	2.00	28.08	ND	NA	22.25	6,912.46	NA	15 - 25	Chinle/Alluvial Interface
OW-57	08/09/22	2.00	28.08	ND	NA	22.16	6,912.55	NA	15 - 25	Chinle/Alluvial Interface
OW-57	09/02/22	2.00	28.08	ND	NA	22.86	6,911.85	NA	15 - 25	Chinle/Alluvial Interface
OW-57	10/04/22	2.00	28.08	ND	NA	22.84	6,911.87	NA	15 - 25	Chinle/Alluvial Interface
OW-57	11/03/22	2.00	28.08	ND	NA	22.76	6,911.95	NA	15 - 25	Chinle/Alluvial Interface
OW-57	12/07/22	2.00	28.08	ND	NA	23.14	6,911.57	NA	15 - 25	Chinle/Alluvial Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
OW-57	01/11/23	2.00	28.08	ND	NA	23.16	6,911.55	NA	15 - 25	Chinle/Alluvial Interface
OW-57	02/28/23	2.00	28.08	ND	NA	23.01	6,911.70	NA	15 - 25	Chinle/Alluvial Interface
OW-57	03/07/23	2.00	28.08	ND	NA	23.53	6,911.18	NA	15 - 25	Chinle/Alluvial Interface
OW-57	04/13/23	2.00	28.08	ND	NA	23.47	6,911.24	NA	15 - 25	Chinle/Alluvial Interface
OW-57	05/16/23	2.00	28.08	ND	NA	23.72	6,910.99	NA	15 - 25	Chinle/Alluvial Interface
OW-57	06/02/23	2.00	28.08	ND	NA	23.68	6,911.03	NA	15 - 25	Chinle/Alluvial Interface
OW-57	07/25/23	2.00	28.08	ND	NA	23.54	6,911.17	NA	15 - 25	Chinle/Alluvial Interface
OW-57	08/23/23	2.00	28.08	ND	NA	23.62	6,911.09	NA	15 - 25	Chinle/Alluvial Interface
OW-57	09/07/23	2.00	28.08	ND	NA	23.61	6,911.10	NA	15 - 25	Chinle/Alluvial Interface
OW-57	10/24/23	2.00	28.08	ND	NA	24.33	6,910.38	NA	15 - 25	Chinle/Alluvial Interface
OW-57	11/14/23	2.00	28.08	ND	NA	24.41	6,910.30	NA	15 - 25	Chinle/Alluvial Interface
OW-57	12/13/23	2.00	28.08	ND	NA	24.49	6,910.22	NA	15 - 25	Chinle/Alluvial Interface
OW-58	04/26/21	2.00	47.95	ND	NA	25.04	6,909.67	NA	38 - 48	Chinle/Alluvial Interface
OW-58	05/20/21	2.00	47.95	ND	NA	23.54	6,911.17	NA	38 - 48	Chinle/Alluvial Interface
OW-58	06/02/21	2.00	47.95	ND	NA	24.84	6,909.87	NA	38 - 48	Chinle/Alluvial Interface
OW-58	07/06/21	2.00	47.95	ND	NA	24.98	6,909.73	NA	38 - 48	Chinle/Alluvial Interface
OW-58	08/25/21	2.00	47.95	ND	NA	25.31	6,909.40	NA	38 - 48	Chinle/Alluvial Interface
OW-58	09/09/21	2.00	47.95	ND	NA	25.41	6,909.30	NA	38 - 48	Chinle/Alluvial Interface
OW-58	10/27/21	2.00	47.95	ND	NA	25.51	6,909.20	NA	38 - 48	Chinle/Alluvial Interface
OW-58	11/17/21	2.00	47.95	ND	NA	25.41	6,909.30	NA	38 - 48	Chinle/Alluvial Interface
OW-58	12/13/21	2.00	47.95	ND	NA	25.42	6,909.29	NA	38 - 48	Chinle/Alluvial Interface
OW-58	01/10/22	2.00	47.95	ND	NA	25.18	6,909.53	NA	38 - 48	Chinle/Alluvial Interface
OW-58	02/28/22	2.00	47.95	ND	NA	25.21	6,909.50	NA	38 - 48	Chinle/Alluvial Interface
OW-58	03/01/22	2.00	47.95	ND	NA	25.51	6,909.20	NA	38 - 48	Chinle/Alluvial Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
OW-58	04/27/22	2.00	47.95	ND	NA	25.65	6,909.06	NA	38 - 48	Chinle/Alluvial Interface
OW-58	05/05/22	2.00	47.95	ND	NA	25.82	6,908.89	NA	38 - 48	Chinle/Alluvial Interface
OW-58	06/01/22	2.00	47.95	ND	NA	26.01	6,908.70	NA	38 - 48	Chinle/Alluvial Interface
OW-58	07/07/22	2.00	47.95	ND	NA	24.64	6,910.07	NA	38 - 48	Chinle/Alluvial Interface
OW-58	08/09/22	2.00	47.95	ND	NA	25.52	6,909.19	NA	38 - 48	Chinle/Alluvial Interface
OW-58	09/02/22	2.00	47.95	ND	NA	26.06	6,908.65	NA	38 - 48	Chinle/Alluvial Interface
OW-58	10/04/22	2.00	47.95	ND	NA	26.13	6,908.58	NA	38 - 48	Chinle/Alluvial Interface
OW-58	11/03/22	2.00	47.95	ND	NA	26.19	6,908.52	NA	38 - 48	Chinle/Alluvial Interface
OW-58	12/06/22	2.00	47.95	ND	NA	26.26	6,908.45	NA	38 - 48	Chinle/Alluvial Interface
OW-58	01/11/23	2.00	47.95	ND	NA	26.30	6,908.41	NA	38 - 48	Chinle/Alluvial Interface
OW-58	02/28/23	2.00	47.95	ND	NA	26.01	6,908.70	NA	38 - 48	Chinle/Alluvial Interface
OW-58	03/07/23	2.00	47.95	ND	NA	27.05	6,907.66	NA	38 - 48	Chinle/Alluvial Interface
OW-58	04/13/23	2.00	47.95	ND	NA	27.11	6,907.60	NA	38 - 48	Chinle/Alluvial Interface
OW-58	05/16/23	2.00	47.95	ND	NA	27.16	6,907.55	NA	38 - 48	Chinle/Alluvial Interface
OW-58	06/02/23	2.00	47.95	ND	NA	27.26	6,907.45	NA	38 - 48	Chinle/Alluvial Interface
OW-58	07/25/23	2.00	47.95	ND	NA	27.10	6,907.61	NA	38 - 48	Chinle/Alluvial Interface
OW-58	08/21/23	2.00	47.95	ND	NA	27.16	6,907.55	NA	38 - 48	Chinle/Alluvial Interface
OW-58	09/07/23	2.00	47.95	ND	NA	27.11	6,907.60	NA	38 - 48	Chinle/Alluvial Interface
OW-58	10/24/23	2.00	47.95	ND	NA	28.14	6,906.57	NA	38 - 48	Chinle/Alluvial Interface
OW-58	11/13/23	2.00	47.95	ND	NA	28.19	6,906.52	NA	38 - 48	Chinle/Alluvial Interface
OW-58	12/13/23	2.00	47.95	ND	NA	28.19	6,906.52	NA	38 - 48	Chinle/Alluvial Interface
OW-58A	04/26/21	4.00	36.74	ND	NA	24.11	6,909.28	NA	13 - 33	Chinle/Alluvial Interface
OW-58A	05/20/21	4.00	36.86	ND	NA	23.41	6,909.98	NA	25 - 33	Chinle/Alluvial Interface
OW-58A	06/02/21	4.00	36.86	ND	NA	23.73	6,909.66	NA	25 - 33	Chinle/Alluvial Interface

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

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

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
OW-58A	08/21/23	4.00	36.35	25.60	7.20	32.80	6,900.59	6906.35	25 - 33	Chinle/Alluvial Interface
OW-58A	09/06/23	4.00	36.35	25.54	7.22	32.76	6,900.63	6906.41	25 - 33	Chinle/Alluvial Interface
OW-58A	10/09/23	4.00	36.35	25.82	6.18	32.00	6,901.39	6906.33	25 - 33	Chinle/Alluvial Interface
OW-58A	11/13/23	4.00	36.35	25.98	5.97	31.95	6,901.44	6906.22	25 - 33	Chinle/Alluvial Interface
OW-58A	12/12/23	4.00	36.35	25.91	5.96	31.87	6,901.52	6906.29	25 - 33	Chinle/Alluvial Interface
OW-61	04/26/21	4.00	33.87	16.34	2.50	18.84	6,940.45	6942.45	8 - 28	Chinle/Alluvial Interface
OW-61	05/20/21	4.00	34.89	16.52	2.84	19.36	6,939.93	6942.20	8 - 28	Chinle/Alluvial Interface
OW-61	06/02/21	4.00	34.89	16.03	2.27	18.30	6,940.99	6942.81	8 - 28	Chinle/Alluvial Interface
OW-61	07/06/21	4.00	34.89	17.09	3.24	20.33	6,938.96	6941.55	8 - 28	Chinle/Alluvial Interface
OW-61	08/04/21	4.00	34.89	17.30	3.40	20.70	6,938.59	6941.31	8 - 28	Chinle/Alluvial Interface
OW-61	09/07/21	4.00	34.87	17.77	3.42	21.19	6,938.10	6940.84	8 - 28	Chinle/Alluvial Interface
OW-61	10/27/21	4.00	34.87	18.96	0.55	19.51	6,939.78	6940.22	8 - 28	Chinle/Alluvial Interface
OW-61	11/15/21	4.00	34.87	19.16	0.64	19.80	6,939.49	6940.00	8 - 28	Chinle/Alluvial Interface
OW-61	12/03/21	4.00	34.87	19.10	0.69	19.79	6,939.50	6940.05	8 - 28	Chinle/Alluvial Interface
OW-61	01/10/22	4.00	34.87	20.39	0.22	20.61	6,938.68	6938.86	8 - 28	Chinle/Alluvial Interface
OW-61	02/28/22	4.00	34.87	20.43	0.18	20.61	6,938.68	6938.82	8 - 28	Chinle/Alluvial Interface
OW-61	03/02/22	4.00	34.87	19.11	0.70	19.81	6,939.48	6940.04	8 - 28	Chinle/Alluvial Interface
OW-61	04/27/22	4.00	34.87	19.54	0.92	20.46	6,938.83	6939.57	8 - 28	Chinle/Alluvial Interface
OW-61	05/09/22	4.00	34.87	21.91	0.62	22.53	6,936.76	6937.26	8 - 28	Chinle/Alluvial Interface
OW-61	06/01/22	4.00	34.87	22.09	0.71	22.80	6,936.49	6937.06	8 - 28	Chinle/Alluvial Interface
OW-61	07/07/22	4.00	34.87	22.05	1.29	23.34	6,935.95	6936.98	8 - 28	Chinle/Alluvial Interface
OW-61	08/09/22	4.00	34.87	21.83	1.35	23.18	6,936.11	6937.19	8 - 28	Chinle/Alluvial Interface
OW-61	09/02/22	4.00	34.87	21.73	1.46	23.19	6,936.10	6937.27	8 - 28	Chinle/Alluvial Interface
OW-61	10/04/22	4.00	34.87	21.64	1.56	23.20	6,936.09	6937.34	8 - 28	Chinle/Alluvial Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
OW-61	11/03/22	4.00	34.87	21.41	1.79	23.20	6,936.09	6937.52	8 - 28	Chinle/Alluvial Interface
OW-61	12/06/22	4.00	34.87	22.39	1.16	23.55	6,935.74	6936.67	8 - 28	Chinle/Alluvial Interface
OW-61	01/11/23	4.00	34.87	22.36	1.18	23.54	6,935.75	6936.69	8 - 28	Chinle/Alluvial Interface
OW-61	02/28/23	4.00	34.87	21.95	1.27	23.22	6,936.07	6937.09	8 - 28	Chinle/Alluvial Interface
OW-61	03/06/23	4.00	34.87	22.46	1.11	23.57	6,935.72	6936.61	8 - 28	Chinle/Alluvial Interface
OW-61	04/13/23	4.00	34.87	22.36	3.95	26.31	6,932.98	6936.14	8 - 28	Chinle/Alluvial Interface
OW-61	05/16/23	4.00	34.87	22.43	3.93	26.36	6,932.93	6936.07	8 - 28	Chinle/Alluvial Interface
OW-61	06/02/23	4.00	34.87	22.36	1.21	23.57	6,935.72	6936.69	8 - 28	Chinle/Alluvial Interface
OW-61	07/25/23	4.00	34.87	22.39	1.22	23.61	6,935.68	6936.66	8 - 28	Chinle/Alluvial Interface
OW-61	08/21/23	4.00	34.87	22.56	0.94	23.50	6,935.79	6936.54	8 - 28	Chinle/Alluvial Interface
OW-61	09/06/23	4.00	34.87	22.51	0.93	23.44	6,935.85	6936.59	8 - 28	Chinle/Alluvial Interface
OW-61	10/25/23	4.00	34.87	22.33	1.28	23.61	6,935.68	6936.70	8 - 28	Chinle/Alluvial Interface
OW-61	11/14/23	4.00	34.87	22.51	1.85	24.36	6,934.93	6936.41	8 - 28	Chinle/Alluvial Interface
OW-61	12/12/23	4.00	34.87	22.69	0.24	22.93	6,936.36	6936.55	8 - 28	Chinle/Alluvial Interface
OW-62	06/02/21	4.00	32.87	20.09	0.25	20.34	6,912.87	6913.07	8 - 28	Chinle/Alluvial Interface
OW-62	07/06/21	4.00	32.87	19.31	0.23	19.54	6,913.67	6913.85	8 - 28	Chinle/Alluvial Interface
OW-62	08/25/21	4.00	32.87	21.10	0.25	21.35	6,911.86	6912.06	8 - 28	Chinle/Alluvial Interface
OW-62	09/09/21	4.00	32.80	20.57	0.21	20.78	6,912.43	6912.60	8 - 28	Chinle/Alluvial Interface
OW-62	10/27/21	4.00	32.80	20.95	0.19	21.14	6,912.07	6912.22	8 - 28	Chinle/Alluvial Interface
OW-62	11/17/21	4.00	32.80	20.91	0.29	21.20	6,912.01	6912.24	8 - 28	Chinle/Alluvial Interface
OW-62	12/09/21	4.00	32.80	20.92	0.34	21.26	6,911.95	6912.22	8 - 28	Chinle/Alluvial Interface
OW-62	01/10/22	4.00	32.80	20.10	0.57	20.67	6,912.54	6913.00	8 - 28	Chinle/Alluvial Interface
OW-62	02/28/22	4.00	32.80	20.14	0.43	20.57	6,912.64	6912.98	8 - 28	Chinle/Alluvial Interface
OW-62	03/02/22	4.00	32.80	20.89	0.38	21.27	6,911.94	6912.24	8 - 28	Chinle/Alluvial Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
OW-62	04/27/22	4.00	32.80	21.31	0.33	21.64	6,911.57	6911.83	8 - 28	Chinle/Alluvial Interface
OW-62	05/09/22	4.00	32.80	21.11	0.34	21.45	6,911.76	6912.03	8 - 28	Chinle/Alluvial Interface
OW-62	06/01/22	4.00	32.80	20.87	0.35	21.22	6,911.99	6912.27	8 - 28	Chinle/Alluvial Interface
OW-62	07/07/22	4.00	32.80	21.12	0.38	21.50	6,911.71	6912.01	8 - 28	Chinle/Alluvial Interface
OW-62	08/09/22	4.00	32.80	21.21	0.35	21.56	6,911.65	6911.93	8 - 28	Chinle/Alluvial Interface
OW-62	09/02/22	4.00	32.80	20.82	0.43	21.25	6,911.96	6912.30	8 - 28	Chinle/Alluvial Interface
OW-62	10/04/22	4.00	32.80	20.84	0.46	21.30	6,911.91	6912.28	8 - 28	Chinle/Alluvial Interface
OW-62	11/03/22	4.00	32.80	21.04	0.38	21.42	6,911.79	6912.09	8 - 28	Chinle/Alluvial Interface
OW-62	12/06/22	4.00	32.80	20.95	0.42	21.37	6,911.84	6912.18	8 - 28	Chinle/Alluvial Interface
OW-62	01/11/23	4.00	32.80	20.93	0.42	21.35	6,911.86	6912.20	8 - 28	Chinle/Alluvial Interface
OW-62	02/28/23	4.00	32.80	20.82	0.31	21.13	6,912.08	6912.33	8 - 28	Chinle/Alluvial Interface
OW-62	03/31/23	4.00	32.80	20.65	0.40	21.05	6,912.16	6912.48	8 - 28	Chinle/Alluvial Interface
OW-62	04/13/23	4.00	32.80	20.72	0.40	21.12	6,912.09	6912.41	8 - 28	Chinle/Alluvial Interface
OW-62	05/16/23	4.00	32.80	21.04	0.38	21.42	6,911.79	6912.09	8 - 28	Chinle/Alluvial Interface
OW-62	06/02/23	4.00	32.80	20.74	0.39	21.13	6,912.08	6912.39	8 - 28	Chinle/Alluvial Interface
OW-62	07/25/23	4.00	32.80	20.72	0.40	21.12	6,912.09	6912.41	8 - 28	Chinle/Alluvial Interface
OW-62	08/23/23	4.00	32.80	21.22	0.87	22.09	6,911.12	6911.82	8 - 28	Chinle/Alluvial Interface
OW-62	09/06/23	4.00	32.80	21.15	0.87	22.02	6,911.19	6911.89	8 - 28	Chinle/Alluvial Interface
OW-62	10/30/23	4.00	32.80	21.23	0.87	22.10	6,911.11	6911.81	8 - 28	Chinle/Alluvial Interface
OW-62	11/14/23	4.00	32.80	21.32	0.88	22.20	6,911.01	6911.71	8 - 28	Chinle/Alluvial Interface
OW-62	12/18/23	4.00	32.80	21.46	0.69	22.15	6,911.06	6911.61	8 - 28	Chinle/Alluvial Interface
OW-63	06/02/21	4.00	32.22	ND	NA	18.37	6,912.50	NA	9 - 29	Chinle/Alluvial Interface
OW-63	07/06/21	4.00	32.22	ND	NA	20.20	6,910.67	NA	9 - 29	Chinle/Alluvial Interface
OW-63	08/25/21	4.00	32.22	ND	NA	18.74	6,912.13	NA	9 - 29	Chinle/Alluvial Interface

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

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

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
OW-63	10/24/23	4.00	32.22	ND	NA	21.29	6,909.58	NA	9 - 29	Chinle/Alluvial Interface
OW-63	11/14/23	4.00	32.22	ND	NA	21.30	6,909.57	NA	9 - 29	Chinle/Alluvial Interface
OW-63	12/13/23	4.00	32.22	ND	NA	21.33	6,909.54	NA	9 - 29	Chinle/Alluvial Interface
OW-64	06/02/21	4.00	27.35	ND	NA	5.36	6,937.96	NA	4 - 24	Chinle/Alluvial Interface
OW-64	07/06/21	4.00	27.35	ND	NA	4.63	6,938.69	NA	4 - 24	Chinle/Alluvial Interface
OW-64	08/25/21	4.00	27.35	ND	NA	4.98	6,938.34	NA	4 - 24	Chinle/Alluvial Interface
OW-64	09/09/21	4.00	27.35	ND	NA	5.17	6,938.15	NA	4 - 24	Chinle/Alluvial Interface
OW-64	10/27/21	4.00	27.35	ND	NA	5.13	6,938.19	NA	4 - 24	Chinle/Alluvial Interface
OW-64	11/17/21	4.00	27.35	ND	NA	5.14	6,938.18	NA	4 - 24	Chinle/Alluvial Interface
OW-64	12/28/21	4.00	27.35	ND	NA	4.98	6,938.34	NA	4 - 24	Chinle/Alluvial Interface
OW-64	01/10/22	4.00	27.35	ND	NA	5.03	6,938.29	NA	4 - 24	Chinle/Alluvial Interface
OW-64	02/28/22	4.00	27.35	ND	NA	5.25	6,938.07	NA	4 - 24	Chinle/Alluvial Interface
OW-64	03/02/22	4.00	27.35	ND	NA	4.96	6,938.36	NA	4 - 24	Chinle/Alluvial Interface
OW-64	04/27/22	4.00	27.35	ND	NA	5.90	6,937.42	NA	4 - 24	Chinle/Alluvial Interface
OW-64	05/09/22	4.00	27.35	ND	NA	5.78	6,937.54	NA	4 - 24	Chinle/Alluvial Interface
OW-64	06/01/22	4.00	27.35	ND	NA	5.37	6,937.95	NA	4 - 24	Chinle/Alluvial Interface
OW-64	07/07/22	4.00	27.35	ND	NA	5.34	6,937.98	NA	4 - 24	Chinle/Alluvial Interface
OW-64	08/09/22	4.00	27.35	ND	NA	5.03	6,938.29	NA	4 - 24	Chinle/Alluvial Interface
OW-64	09/02/22	4.00	27.35	ND	NA	5.43	6,937.89	NA	4 - 24	Chinle/Alluvial Interface
OW-64	10/04/22	4.00	27.35	ND	NA	5.75	6,937.57	NA	4 - 24	Chinle/Alluvial Interface
OW-64	11/03/22	4.00	27.35	ND	NA	5.91	6,937.41	NA	4 - 24	Chinle/Alluvial Interface
OW-64	12/06/22	4.00	27.35	ND	NA	5.20	6,938.12	NA	4 - 24	Chinle/Alluvial Interface
OW-64	01/11/23	4.00	27.35	ND	NA	5.18	6,938.14	NA	4 - 24	Chinle/Alluvial Interface
OW-64	02/28/23	4.00	27.35	ND	NA	4.53	6,938.79	NA	4 - 24	Chinle/Alluvial Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
OW-64	03/07/23	4.00	27.35	ND	NA	4.73	6,938.59	NA	4 - 24	Chinle/Alluvial Interface
OW-64	04/13/23	4.00	27.35	ND	NA	5.03	6,938.29	NA	4 - 24	Chinle/Alluvial Interface
OW-64	05/16/23	4.00	27.35	ND	NA	5.19	6,938.13	NA	4 - 24	Chinle/Alluvial Interface
OW-64	06/02/23	4.00	27.35	ND	NA	5.27	6,938.05	NA	4 - 24	Chinle/Alluvial Interface
OW-64	07/25/23	4.00	27.35	ND	NA	5.33	6,937.99	NA	4 - 24	Chinle/Alluvial Interface
OW-64	08/23/23	4.00	27.35	ND	NA	5.26	6,938.06	NA	4 - 24	Chinle/Alluvial Interface
OW-64	09/07/23	4.00	27.35	ND	NA	5.23	6,938.09	NA	4 - 24	Chinle/Alluvial Interface
OW-64	10/30/23	4.00	27.35	ND	NA	5.19	6,938.13	NA	4 - 24	Chinle/Alluvial Interface
OW-64	11/14/23	4.00	27.35	ND	NA	5.31	6,938.01	NA	4 - 24	Chinle/Alluvial Interface
OW-64	12/13/23	4.00	27.35	ND	NA	4.92	6,938.40	NA	4 - 24	Chinle/Alluvial Interface
OW-65	06/02/21	4.00	39.50	24.03	5.75	29.78	6,920.17	6924.77	17 - 37	Chinle/Alluvial Interface
OW-65	07/12/21	4.00	39.50	25.39	6.51	31.90	6,918.05	6923.26	17 - 37	Chinle/Alluvial Interface
OW-65	08/03/21	4.00	39.50	25.40	4.01	29.41	6,920.54	6923.75	17 - 37	Chinle/Alluvial Interface
OW-65	09/07/21	4.00	39.50	25.49	6.13	31.62	6,918.33	6923.23	17 - 37	Chinle/Alluvial Interface
OW-65	10/27/22	4.00	39.50	25.49	6.13	31.62	6,918.33	6923.23	17 - 37	Chinle/Alluvial Interface
OW-65	11/15/21	4.00	39.50	25.30	6.95	32.25	6,917.70	6923.26	17 - 37	Chinle/Alluvial Interface
OW-65	12/03/21	4.00	39.50	25.22	6.98	32.20	6,917.75	6923.33	17 - 37	Chinle/Alluvial Interface
OW-65	01/10/22	4.00	39.50	25.24	6.99	32.23	6,917.72	6923.31	17 - 37	Chinle/Alluvial Interface
OW-65	02/28/22	4.00	39.50	25.23	6.98	32.21	6,917.74	6923.32	17 - 37	Chinle/Alluvial Interface
OW-65	03/02/22	4.00	39.50	25.20	6.93	32.13	6,917.82	6923.36	17 - 37	Chinle/Alluvial Interface
OW-65	04/05/22	4.00	39.50	26.97	4.85	31.82	6,918.13	6922.01	17 - 37	Chinle/Alluvial Interface
OW-65	05/09/22	4.00	39.50	27.21	5.69	32.90	6,917.05	6921.60	17 - 37	Chinle/Alluvial Interface
OW-65	06/01/22	4.00	39.50	25.09	6.96	32.05	6,917.90	6923.47	17 - 37	Chinle/Alluvial Interface
OW-65	07/07/22	4.00	39.50	28.64	1.53	30.17	6,919.78	6921.00	17 - 37	Chinle/Alluvial Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
OW-65	08/09/22	4.00	39.50	28.95	0.54	29.49	6,920.46	6920.89	17 - 37	Chinle/Alluvial Interface
OW-65	09/02/22	4.00	39.50	29.20	0.36	29.56	6,920.39	6920.68	17 - 37	Chinle/Alluvial Interface
OW-65	10/04/22	4.00	39.50	29.29	0.27	29.56	6,920.39	6920.61	17 - 37	Chinle/Alluvial Interface
OW-65	11/03/22	4.00	39.50	29.27	0.23	29.50	6,920.45	6920.63	17 - 37	Chinle/Alluvial Interface
OW-65	12/06/22	4.00	39.50	29.54	0.22	29.76	6,920.19	6920.37	17 - 37	Chinle/Alluvial Interface
OW-65	01/11/23	4.00	39.50	29.55	0.20	29.75	6,920.20	6920.36	17 - 37	Chinle/Alluvial Interface
OW-65	02/28/23	4.00	39.50	29.15	0.22	29.37	6,920.58	6920.76	17 - 37	Chinle/Alluvial Interface
OW-65	03/07/23	4.00	39.50	29.92	0.32	30.24	6,919.71	6919.97	17 - 37	Chinle/Alluvial Interface
OW-65	04/13/23	4.00	39.50	29.07	1.13	30.20	6,919.75	6920.65	17 - 37	Chinle/Alluvial Interface
OW-65	05/16/23	4.00	39.50	30.02	0.12	30.14	6,919.81	6919.91	17 - 37	Chinle/Alluvial Interface
OW-65	06/02/23	4.00	39.50	30.48	0.17	30.65	6,919.30	6919.44	17 - 37	Chinle/Alluvial Interface
OW-65	07/25/23	4.00	39.50	30.45	0.24	30.69	6,919.26	6919.45	17 - 37	Chinle/Alluvial Interface
OW-65	08/21/23	4.00	39.50	30.97	0.15	31.12	6,918.83	6918.95	17 - 37	Chinle/Alluvial Interface
OW-65	09/06/23	4.00	39.50	30.92	0.16	31.08	6,918.87	6919.00	17 - 37	Chinle/Alluvial Interface
OW-65	10/25/23	4.00	39.50	31.12	0.08	31.20	6,918.75	6918.81	17 - 37	Chinle/Alluvial Interface
OW-65	11/14/23	4.00	39.50	31.17	0.75	31.92	6,918.03	6918.63	17 - 37	Chinle/Alluvial Interface
OW-65	12/12/23	4.00	39.50	31.12	0.83	31.95	6,918.00	6918.66	17 - 37	Chinle/Alluvial Interface
OW-66	09/02/21	4.00	27.75	ND	NA	15.66	6,904.14	NA	10 - 25	Chinle/Alluvial Interface
OW-66	12/01/21	4.00	27.75	ND	NA	15.30	6,904.50	NA	10 - 25	Chinle/Alluvial Interface
OW-66	03/02/22	4.00	27.75	ND	NA	15.19	6,904.61	NA	10 - 25	Chinle/Alluvial Interface
OW-66	06/02/22	4.00	27.75	ND	NA	15.66	6,904.14	NA	10 - 25	Chinle/Alluvial Interface
OW-66	09/07/22	4.00	27.75	ND	NA	16.26	6,903.54	NA	10 - 25	Chinle/Alluvial Interface
OW-66	10/04/22	4.00	27.75	ND	NA	16.08	6,903.72	NA	10 - 25	Chinle/Alluvial Interface
OW-66	11/03/22	4.00	27.75	ND	NA	16.15	6,903.65	NA	10 - 25	Chinle/Alluvial Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
OW-66	12/27/22	4.00	27.75	ND	NA	16.45	6,903.35	NA	10 - 25	Chinle/Alluvial Interface
OW-66	1/11/2023	4.00	27.75	ND	NA	16.48	6,903.32	NA	10 - 25	Chinle/Alluvial Interface
OW-66	2/28/2023	4.00	27.75	16.48	0.60	17.08	6,902.72	6903.20	10 - 25	Chinle/Alluvial Interface
OW-66	3/6/2023	4.00	27.75	15.75	1.85	17.60	6,902.20	6903.68	10 - 25	Chinle/Alluvial Interface
OW-66	4/13/2023	4.00	27.75	15.78	2.02	17.80	6,902.00	6903.62	10 - 25	Chinle/Alluvial Interface
OW-66	5/16/2023	4.00	27.75	15.74	2.03	17.77	6,902.03	6903.65	10 - 25	Chinle/Alluvial Interface
OW-66	6/2/2023	4.00	27.75	15.70	2.04	17.74	6,902.06	6903.69	10 - 25	Chinle/Alluvial Interface
OW-66	7/10/2023	4.00	27.75	16.30	2.05	18.35	6,901.45	6903.09	10 - 25	Chinle/Alluvial Interface
OW-66	8/21/2023	4.00	27.75	16.62	1.93	18.55	6,901.25	6902.79	10 - 25	Chinle/Alluvial Interface
OW-66	9/6/2023	4.00	27.75	16.70	1.95	18.65	6,901.15	6902.71	10 - 25	Chinle/Alluvial Interface
OW-66	10/9/2023	4.00	27.75	16.82	1.83	18.65	6,901.15	6902.61	10 - 25	Chinle/Alluvial Interface
OW-66	11/13/2023	4.00	27.75	16.83	1.82	18.65	6,901.15	6902.61	10 - 25	Chinle/Alluvial Interface
OW-66	12/12/2023	4.00	27.75	16.78	1.82	18.60	6,901.20	6902.66	10 - 25	Chinle/Alluvial Interface
RW-1	04/26/21	4.00	43.45	26.61	2.08	28.69	6,914.17	6,915.83	25 - 40	Chinle/Alluvial Interface
RW-1	05/20/21	4.00	43.45	26.85	3.18	30.03	6,912.83	6,915.37	25 - 40	Chinle/Alluvial Interface
RW-1	06/01/21	4.00	43.45	27.13	3.09	30.22	6,912.64	6,915.11	25 - 40	Chinle/Alluvial Interface
RW-1	07/12/21	4.00	43.45	26.37	2.30	28.67	6,914.19	6,916.03	25 - 40	Chinle/Alluvial Interface
RW-1	08/25/21	4.00	43.45	27.55	1.50	29.05	6,913.81	6,915.01	25 - 40	Chinle/Alluvial Interface
RW-1	09/09/21	4.00	43.45	26.33	1.49	27.82	6,915.04	6,916.23	25 - 40	Chinle/Alluvial Interface
RW-1	09/09/21	4.00	43.45	27.89	1.18	29.07	6,913.79	6,914.73	25 - 40	Chinle/Alluvial Interface
RW-1	11/15/21	4.00	43.45	26.70	1.15	27.85	6,915.01	6,915.93	25 - 40	Chinle/Alluvial Interface
RW-1	12/03/21	4.00	43.45	26.71	2.07	28.78	6,914.08	6,915.74	25 - 40	Chinle/Alluvial Interface
RW-1	01/10/22	4.00	43.45	26.92	8.00	34.92	6,907.94	6,914.34	25 - 40	Chinle/Alluvial Interface
RW-1	02/28/22	4.00	43.45	27.00	7.98	34.98	6,907.88	6,914.26	25 - 40	Chinle/Alluvial Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
RW-1	03/02/22	4.00	43.45	26.81	2.02	28.83	6,914.03	6,915.65	25 - 40	Chinle/Alluvial Interface
RW-1	04/27/22	4.00	43.45	27.39	0.25	27.64	6,915.22	6,915.42	25 - 40	Chinle/Alluvial Interface
RW-1	05/09/22	4.00	43.45	27.56	0.41	27.97	6,914.89	6,915.22	25 - 40	Chinle/Alluvial Interface
RW-1	06/01/22	4.00	43.45	27.78	0.12	27.90	6,914.96	6,915.06	25 - 40	Chinle/Alluvial Interface
RW-1	07/07/22	4.00	43.45	27.98	0.09	28.07	6,914.79	6,914.86	25 - 40	Chinle/Alluvial Interface
RW-1	08/09/22	4.00	43.45	28.17	0.06	28.23	6,914.63	6,914.68	25 - 40	Chinle/Alluvial Interface
RW-1	09/02/22	4.00	43.45	28.31	0.03	28.34	6,914.52	6,914.54	25 - 40	Chinle/Alluvial Interface
RW-1	10/05/22	4.00	43.45	28.37	0.02	28.39	6,914.47	6,914.49	25 - 40	Chinle/Alluvial Interface
RW-1	11/02/22	4.00	43.45	28.50	0.02	28.52	6,914.34	6,914.36	25 - 40	Chinle/Alluvial Interface
RW-1	12/09/22	4.00	43.45	28.47	0.22	28.69	6,914.17	6,914.35	25 - 40	Chinle/Alluvial Interface
RW-1	01/11/23	4.00	43.45	28.51	0.21	28.72	6,914.14	6,914.31	25 - 40	Chinle/Alluvial Interface
RW-1	02/27/23	4.00	43.45	28.57	0.21	28.78	6,914.08	6,914.25	25 - 40	Chinle/Alluvial Interface
RW-1	03/31/23	4.00	43.45	28.34	0.06	28.40	6,914.46	6,914.51	25 - 40	Chinle/Alluvial Interface
RW-1	04/13/23	4.00	43.45	28.90	0.07	28.97	6,913.89	6,913.95	25 - 40	Chinle/Alluvial Interface
RW-1	05/16/23	4.00	43.45	28.97	0.07	29.04	6,913.82	6,913.88	25 - 40	Chinle/Alluvial Interface
RW-1	06/02/23	4.00	43.45	28.95	0.04	28.99	6,913.87	6,913.90	25 - 40	Chinle/Alluvial Interface
RW-1	07/18/23	4.00	43.45	28.62	3.68	32.30	6,910.56	6,913.50	25 - 40	Chinle/Alluvial Interface
RW-1	08/21/23	4.00	43.45	28.85	3.63	32.48	6,910.38	6,913.28	25 - 40	Chinle/Alluvial Interface
RW-1	09/06/23	4.00	43.45	28.80	3.60	32.40	6,910.46	6,913.34	25 - 40	Chinle/Alluvial Interface
RW-1	10/25/23	4.00	43.45	29.35	3.35	32.70	6,910.16	6,912.84	25 - 40	Chinle/Alluvial Interface
RW-1	11/14/23	4.00	43.45	29.20	3.70	32.90	6,909.96	6,912.92	25 - 40	Chinle/Alluvial Interface
RW-1	12/12/23	4.00	43.45	29.35	3.70	33.05	6,909.81	6,912.77	25 - 40	Chinle/Alluvial Interface
RW-2	06/01/21	4.00	40.00	21.67	0.06	21.73	6,904.67	6,904.72	26.1 - 36.1	Chinle/Alluvial Interface
RW-2	07/06/21	4.00	40.00	ND	NA	21.54	6,904.86	NA	26.1 - 36.1	Chinle/Alluvial Interface

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

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

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
RW-2R	07/10/23	4.00	31.50	22.48	0.15	22.63	6,908.41	6,908.53	11.5 -31.5	Chinle/Alluvial Interface
RW-2R	08/21/23	4.00	31.50	22.83	0.10	22.93	6,908.11	6,908.19	11.5 -31.5	Chinle/Alluvial Interface
RW-2R	09/06/23	4.00	31.50	22.78	0.11	22.89	6,908.15	6,908.24	11.5 -31.5	Chinle/Alluvial Interface
RW-2R	10/25/23	4.00	31.50	23.08	0.07	23.15	6,907.89	6,907.95	11.5 -31.5	Chinle/Alluvial Interface
RW-2R	11/14/23	4.00	31.50	23.25	0.68	23.93	6,907.11	6,907.65	11.5 -31.5	Chinle/Alluvial Interface
RW-2R	12/12/23	4.00	31.50	23.25	0.02	23.27	6,907.77	6,907.79	11.5 -31.5	Chinle/Alluvial Interface
RW-5	06/01/21	4.00	39.51	29.16	0.66	29.82	6,911.71	6,912.24	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	07/12/21	4.00	39.51	28.25	2.62	30.87	6,910.66	6,912.76	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	08/25/21	4.00	39.51	29.18	2.88	32.06	6,909.47	6,911.77	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	09/09/21	4.00	39.51	28.30	3.10	31.40	6,910.13	6,912.61	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	10/27/21	4.00	39.51	29.36	2.75	32.11	6,909.42	6,911.62	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	11/15/21	4.00	39.51	28.31	2.40	30.71	6,910.82	6,912.74	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	12/03/21	4.00	39.51	28.27	2.37	30.64	6,910.89	6,912.79	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	01/10/22	4.00	39.51	28.11	2.36	30.47	6,911.06	6,912.95	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	02/28/22	4.00	39.51	28.06	2.38	30.44	6,911.09	6,912.99	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	03/02/22	4.00	39.51	28.26	2.35	30.61	6,910.92	6,912.80	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	04/27/22	4.00	39.51	28.60	2.39	30.99	6,910.54	6,912.45	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	05/09/22	4.00	39.51	28.75	2.47	31.22	6,910.31	6,912.29	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	06/01/22	4.00	39.51	28.92	2.22	31.14	6,910.39	6,912.17	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	07/07/22	4.00	39.51	29.13	2.39	31.52	6,910.01	6,911.92	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	08/09/22	4.00	39.51	29.24	2.25	31.49	6,910.04	6,911.84	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	09/02/22	4.00	39.51	29.36	2.13	31.49	6,910.04	6,911.74	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	10/05/22	4.00	39.51	29.45	1.99	31.44	6,910.09	6,911.68	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	11/02/22	4.00	39.51	29.53	1.90	31.43	6,910.10	6,911.62	29.5 - 39.5	Chinle/Alluvial Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
RW-5	12/09/22	4.00	39.51	29.51	1.78	31.29	6,910.24	6,911.66	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	01/11/23	4.00	39.51	29.56	1.75	31.31	6,910.22	6,911.62	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	02/27/23	4.00	39.51	29.66	1.72	31.38	6,910.15	6,911.53	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	03/30/23	4.00	39.51	29.88	1.38	31.26	6,910.27	6,911.37	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	04/13/23	4.00	39.51	29.91	1.41	31.32	6,910.21	6,911.34	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	05/16/23	4.00	39.51	28.06	3.40	31.46	6,910.07	6,912.79	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	06/02/23	4.00	39.51	28.07	3.37	31.44	6,910.09	6,912.79	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	07/11/23	4.00	39.51	30.36	1.44	31.80	6,909.73	6,910.88	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	08/21/23	4.00	39.51	30.51	1.20	31.71	6,909.82	6,910.78	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	09/06/23	4.00	39.51	30.46	1.22	31.68	6,909.85	6,910.83	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	10/25/23	4.00	39.51	30.66	1.10	31.76	6,909.77	6,910.65	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	11/14/23	4.00	39.51	30.66	1.40	32.06	6,909.47	6,910.59	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	12/13/23	4.00	39.51	30.73	1.32	32.05	6,909.48	6,910.54	29.5 - 39.5	Chinle/Alluvial Interface
RW-6	06/01/21	4.00	40.85	30.06	0.13	30.19	6,911.77	6,911.87	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	07/12/21	4.00	40.85	28.15	3.29	31.44	6,910.52	6,913.15	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	08/03/21	4.00	40.85	28.14	3.20	31.34	6,910.62	6,913.18	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	09/09/21	4.00	40.85	28.29	3.10	31.39	6,910.57	6,913.05	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	10/27/21	4.00	40.85	28.29	3.10	31.39	6,910.57	6,913.05	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	11/15/21	4.00	40.85	29.55	2.85	32.40	6,909.56	6,911.84	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	12/03/21	4.00	40.85	28.35	2.75	31.10	6,910.86	6,913.06	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	01/10/22	4.00	40.85	28.17	2.88	31.05	6,910.91	6,913.21	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	02/28/22	4.00	40.85	28.23	2.72	30.95	6,911.01	6,913.19	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	03/02/22	4.00	40.85	28.33	2.73	31.06	6,910.90	6,913.08	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	04/27/22	4.00	40.85	28.93	1.54	30.47	6,911.49	6,912.72	28.5 - 38.5	Chinle/Alluvial Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
RW-6	05/09/22	4.00	40.85	29.11	1.54	30.65	6,911.31	6,912.54	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	06/01/22	4.00	40.85	28.70	2.25	30.95	6,911.01	6,912.81	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	07/07/22	4.00	40.85	29.42	1.78	31.20	6,910.76	6,912.18	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	08/09/22	4.00	40.85	29.51	1.84	31.35	6,910.61	6,912.08	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	09/02/22	4.00	40.85	29.59	1.93	31.52	6,910.44	6,911.98	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	10/05/22	4.00	40.85	29.68	1.85	31.53	6,910.43	6,911.91	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	11/02/22	4.00	40.85	29.76	1.78	31.54	6,910.42	6,911.84	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	12/09/22	4.00	40.85	29.70	1.78	31.48	6,910.48	6,911.90	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	01/11/23	4.00	40.85	29.75	1.75	31.50	6,910.46	6,911.86	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	02/27/23	4.00	40.85	29.97	1.76	31.73	6,910.23	6,911.64	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	03/30/23	4.00	40.85	30.06	1.64	31.70	6,910.26	6,911.57	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	04/13/23	4.00	40.85	30.15	1.55	31.70	6,910.26	6,911.50	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	05/16/23	4.00	40.85	30.30	1.55	31.85	6,910.11	6,911.35	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	06/02/23	4.00	40.85	30.26	0.54	30.80	6,911.16	6,911.59	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	07/11/23	4.00	40.85	30.73	1.34	32.07	6,909.89	6,910.96	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	08/21/23	4.00	40.85	30.70	1.50	32.20	6,909.76	6,910.96	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	09/06/23	4.00	40.85	30.68	1.47	32.15	6,909.81	6,910.99	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	10/25/23	4.00	40.85	30.80	1.37	32.17	6,909.79	6,910.89	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	11/14/23	4.00	40.85	30.95	3.90	34.85	6,907.11	6,910.23	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	12/13/23	4.00	40.85	30.97	1.47	32.44	6,909.52	6,910.70	28.5 - 38.5	Chinle/Alluvial Interface
STP1-NW	06/03/21	2.00	47.72	ND	NA	22.19	6,882.31	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	07/12/21	2.00	47.72	ND	NA	22.35	6,882.15	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	08/31/21	2.00	47.72	ND	NA	21.78	6,882.72	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	09/08/21	2.00	47.72	ND	NA	21.78	6,882.72	NA	20 - 50	Chinle/Alluvial Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
STP1-NW	10/27/21	2.00	47.72	ND	NA	22.03	6,882.47	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	11/17/21	2.00	47.72	ND	NA	21.81	6,882.69	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	12/13/21	2.00	47.72	ND	NA	21.55	6,882.95	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	01/10/22	2.00	47.72	ND	NA	20.97	6,883.53	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	02/28/22	2.00	47.72	ND	NA	21.12	6,883.38	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	03/02/22	2.00	47.72	ND	NA	21.58	6,882.92	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	04/27/22	2.00	47.72	ND	NA	22.90	6,881.60	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	05/05/22	2.00	47.72	ND	NA	22.70	6,881.80	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	06/01/22	2.00	47.72	ND	NA	21.30	6,883.20	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	07/07/22	2.00	47.72	ND	NA	24.69	6,879.81	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	08/09/22	2.00	47.72	ND	NA	24.22	6,880.28	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	09/02/22	2.00	47.72	ND	NA	20.87	6,883.63	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	10/05/22	2.00	47.72	ND	NA	21.16	6,883.34	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	11/02/22	2.00	47.72	ND	NA	21.29	6,883.21	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	12/15/22	2.00	47.72	ND	NA	21.28	6,883.22	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	01/11/23	2.00	47.72	ND	NA	21.28	6,883.22	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	02/27/23	2.00	47.72	ND	NA	22.06	6,882.44	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	03/07/23	2.00	47.72	ND	NA	20.55	6,883.95	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	04/12/23	2.00	47.72	ND	NA	20.46	6,884.04	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	05/15/23	2.00	47.72	ND	NA	20.54	6,883.96	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	6/2/2023	2.00	47.72	ND	NA	20.81	6,883.69	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	7/25/2023	2.00	47.72	ND	NA	21.05	6,883.45	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	8/18/2023	2.00	47.72	ND	NA	20.58	6,883.92	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	9/7/2023	2.00	47.72	ND	NA	21.15	6,883.35	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	10/24/2023	2.00	47.72	ND	NA	21.16	6,883.34	NA	20 - 50	Chinle/Alluvial Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
STP1-NW	11/14/2023	2.00	47.72	ND	NA	20.49	6,884.01	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	12/1/2023	2.00	47.72	ND	NA	29.69	6,874.81	NA	20 - 50	Chinle/Alluvial Interface
STP1-SW	06/03/21	2.00	29.16	ND	NA	28.99	6,883.41	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	07/12/21	2.00	29.16	ND	NA	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	08/31/21	2.00	29.16	ND	NA	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	09/08/21	2.00	29.16	ND	NA	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	10/27/21	2.00	29.16	ND	NA	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	11/17/21	2.00	29.16	ND	NA	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	12/09/21	2.00	29.16	ND	NA	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	01/10/22	2.00	29.16	ND	NA	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	02/28/22	2.00	29.16	ND	NA	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	03/02/22	2.00	29.16	ND	NA	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	04/27/22	2.00	29.16	ND	NA	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	05/05/22	2.00	29.16	ND	NA	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	06/01/22	2.00	29.16	ND	NA	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	07/07/22	2.00	29.16	ND	NA	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	08/09/22	2.00	29.16	ND	NA	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	09/02/22	2.00	29.16	ND	NA	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	10/05/22	2.00	29.16	ND	NA	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	11/02/22	2.00	29.16	ND	NA	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	12/06/22	2.00	29.16	ND	NA	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	01/11/23	2.00	29.16	ND	NA	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	02/27/23	2.00	29.16	ND	NA	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	03/07/23	2.00	29.16	ND	NA	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
STP1-SW	04/12/23	2.00	29.16	ND	NA	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	05/15/23	2.00	29.16	ND	NA	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	06/02/23	2.00	29.16	ND	NA	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	07/25/23	2.00	29.16	ND	NA	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	08/18/23	2.00	29.16	ND	NA	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	09/07/23	2.00	29.16	ND	NA	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	10/24/23	2.00	29.16	ND	NA	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	11/14/23	2.00	29.16	ND	NA	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	12/13/23	2.00	29.16	ND	NA	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
OW-70	09/08/21	2.00	47.70	ND	NA	28.53	6,914.54	NA	32 - 47	Chinle/Alluvial Interface
OW-70	12/16/21	2.00	47.37	ND	NA	28.71	6,914.36	NA	32 - 47	Chinle/Alluvial Interface
OW-70	03/02/22	2.00	47.37	ND	NA	28.76	6,914.31	NA	32 - 47	Chinle/Alluvial Interface
OW-70	06/01/22	2.00	47.37	ND	NA	29.24	6,913.83	NA	32 - 47	Chinle/Alluvial Interface
OW-70	09/02/22	2.00	47.37	ND	NA	29.41	6,913.66	NA	32 - 47	Chinle/Alluvial Interface
OW-70	10/05/22	2.00	47.37	ND	NA	29.53	6,913.54	NA	32 - 47	Chinle/Alluvial Interface
OW-70	11/02/22	2.00	47.37	ND	NA	29.62	6,913.45	NA	32 - 47	Chinle/Alluvial Interface
OW-70	12/14/22	2.00	47.37	ND	NA	29.07	6,914.00	NA	32 - 47	Chinle/Alluvial Interface
OW-70	01/11/23	2.00	47.37	ND	NA	29.10	6,913.97	NA	32 - 47	Chinle/Alluvial Interface
OW-70	02/27/23	2.00	47.37	ND	NA	29.42	6,913.65	NA	32 - 47	Chinle/Alluvial Interface
OW-70	03/07/23	2.00	47.37	ND	NA	29.71	6,913.36	NA	32 - 47	Chinle/Alluvial Interface
OW-70	04/13/23	2.00	47.37	ND	NA	29.10	6,913.97	NA	32 - 47	Chinle/Alluvial Interface
OW-70	05/16/23	2.00	47.37	ND	NA	29.24	6,913.83	NA	32 - 47	Chinle/Alluvial Interface
OW-70	06/02/23	2.00	47.37	ND	NA	29.75	6,913.32	NA	32 - 47	Chinle/Alluvial Interface
OW-70	07/25/23	2.00	47.37	ND	NA	29.64	6,913.43	NA	32 - 47	Chinle/Alluvial Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
OW-70	08/23/23	2.00	47.37	ND	NA	30.15	6,912.92	NA	32 - 47	Chinle/Alluvial Interface
OW-70	09/07/23	2.00	47.37	ND	NA	30.12	6,912.95	NA	32 - 47	Chinle/Alluvial Interface
OW-70	10/24/23	2.00	47.37	ND	NA	30.48	6,912.59	NA	32 - 47	Chinle/Alluvial Interface
OW-70	11/14/23	2.00	47.37	ND	NA	30.52	6,912.55	NA	32 - 47	Chinle/Alluvial Interface
OW-70	12/13/23	2.00	47.37	ND	NA	30.35	6,912.72	NA	32 - 47	Chinle/Alluvial Interface
OW-12A	09/08/21	2.00	35.50	ND	NA	DRY	NA	NA	20 - 35	Chinle/Alluvial Interface
OW-12A	12/16/21	2.00	33.20	ND	NA	26.14	6,917.51	NA	20 - 35	Chinle/Alluvial Interface
OW-12A	03/02/22	2.00	33.20	ND	NA	26.25	6,917.40	NA	20 - 35	Chinle/Alluvial Interface
OW-12A	06/01/22	2.00	33.20	ND	NA	26.79	6,916.86	NA	20 - 35	Chinle/Alluvial Interface
OW-12A	09/02/22	2.00	33.20	ND	NA	26.61	6,917.04	NA	20 - 35	Chinle/Alluvial Interface
OW-12A	10/04/22	2.00	33.20	ND	NA	26.59	6,917.06	NA	20 - 35	Chinle/Alluvial Interface
OW-12A	11/03/22	2.00	33.20	ND	NA	26.65	6,917.00	NA	20 - 35	Chinle/Alluvial Interface
OW-12A	12/07/22	2.00	33.20	ND	NA	27.24	6,916.41	NA	20 - 35	Chinle/Alluvial Interface
OW-12A	01/11/23	2.00	33.20	ND	NA	26.63	6,917.02	NA	20 - 35	Chinle/Alluvial Interface
OW-12A	02/27/23	2.00	33.20	ND	NA	26.56	6,917.09	NA	20 - 35	Chinle/Alluvial Interface

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
OW-12A	03/07/23	2.00	33.20	ND	NA	26.00	6,917.65	NA	20 - 35	Chinle/Alluvial Interface
OW-12A	04/13/23	2.00	33.20	ND	NA	25.97	6,917.68	NA	20 - 35	Chinle/Alluvial Interface
OW-12A	05/16/23	2.00	33.20	ND	NA	26.71	6,916.94	NA	20 - 35	Chinle/Alluvial Interface
OW-12A	06/02/23	2.00	33.20	ND	NA	26.97	6,916.68	NA	20 - 35	Chinle/Alluvial Interface
OW-12A	07/25/23	2.00	33.20	ND	NA	26.99	6,916.66	NA	20 - 35	Chinle/Alluvial Interface
OW-12A	08/23/23	2.00	33.20	ND	NA	26.44	6,917.21	NA	20 - 35	Chinle/Alluvial Interface
OW-12A	09/07/23	2.00	33.20	ND	NA	26.39	6,917.26	NA	20 - 35	Chinle/Alluvial Interface
OW-12A	10/24/23	2.00	33.20	ND	NA	26.36	6,917.29	NA	20 - 35	Chinle/Alluvial Interface
OW-12A	11/14/23	2.00	33.20	ND	NA	26.41	6,917.24	NA	20 - 35	Chinle/Alluvial Interface
OW-12A	12/01/23	2.00	33.20	ND	NA	26.69	6,916.96	NA	20 - 35	Chinle/Alluvial Interface

Notes:

¹ = Corrected water table elevation calculation = (SPH thickness x 0.8) + ground water elevation

ft = feet

ft-bgs = feet below ground surface

SPH = separate phase hydrocarbon

NA = Not Applicable

ND = Not Detected

NM = Not Measured

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

Dry indicates no fluid was detected

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

Location	Date	DTP (ft) ¹	DTW (ft) ¹	Recovery Method	Product Thickness (ft)	Volume/Foot (gal/ft)	Total Fluids Pumped/ Recovered (gal)	Water Volume Recovered (gal)	Product Volume Recovered (gal)	Total Depth (ft) ¹	Casing Diameter (in)	Comments
MKTF-03	10/30/2023	9.60	11.70	Vac Truck	2.1	0.65	5.88	4.51	1.365	18.64	4	
MKTF-03	10/31/2023	9.85	10.64	Post Recovery	0.79							
MKTF-05	10/30/2023	15.32	16.68	Vac Truck	1.36	0.65	1.58	0.70	0.884	17.75	4	
MKTF-05	10/31/2023	15.60	16.93	Post Recovery	1.33							
MKTF-06	10/30/2023	19.38	21.00	Vac Truck	1.62	0.65	2.91	1.86	1.053	23.86	4	
MKTF-06	10/31/2023	19.28	20.84	Post Recovery	1.56							
MKTF-07	10/30/2023	15.40	15.68	Vac Truck	0.28	0.65	1.59	1.41	0.182	17.85	4	
MKTF-07	10/31/2023	15.53	15.71	Post Recovery	0.18							
MKTF-08	10/30/2023	16.46	17.40	Vac Truck	0.94	0.65	3.62	3.01	0.611	22.03	4	
MKTF-08	10/31/2023	16.40	17.09	Post Recovery	0.69							
MKTF-10	10/30/2023	9.80	16.55	Vac Truck	6.75	0.65	4.49	0.10	4.388	16.70	4	
MKTF-10	10/31/2023	9.81	16.57	Post Recovery	6.76							
MKTF-13	10/25/2023	15.02	18.03	Vac Truck	3.01	0.65	4.37	2.42	1.957	21.75	4	
MKTF-13	10/26/2023	15.33	18.32	Post Recovery	2.99							
MKTF-14	10/25/2023	8.85	9.45	Vac Truck	0.6	0.65	5.67	5.28	0.390	17.58	4	
MKTF-14	10/26/2023	8.89	9.32	Post Recovery	0.43							
MKTF-15	10/30/2023	14.75	15.55	Vac Truck	0.8	0.16	0.78	0.65	0.128	19.61	2	
MKTF-15	10/31/2023	14.80	15.44	Post Recovery	0.64							
MKTF-17R	10/30/2023	12.70	13.27	Vac Truck	0.57	0.16	1.25	1.16	0.091	20.50	2	
MKTF-17R	10/31/2023	12.98	13.46	Post Recovery	0.48							
MKTF-19	10/30/2023	14.32	14.50	Vac Truck	0.18	0.16	0.82	0.79	0.029	19.45	2	
MKTF-19	10/31/2023	14.52	14.73	Post Recovery	0.21							
MKTF-22	10/25/2023	26.30	28.20	Vac Truck	1.9	0.16	1.50	1.20	0.304	35.70	2	
MKTF-22	10/26/2023	26.27	28.25	Post Recovery	1.98							
MKTF-31	10/4/2023	8.65	13.80	Vac Truck	5.15	0.16	1.72	0.89	0.824	19.38	2	
MKTF-31	10/5/2023	9.45	10.33	Post Recovery	0.88							
MKTF-31 ²	10/9/2024	8.86	13.35	Vac Truck	4.49	0.16	1.68	0.96	0.718	19.38	2	
MKTF-31 ²	10/10/2024	9.38	10.28	Vac Truck	0.9	0.16	1.60	1.46	0.144	19.38	2	
MKTF-31 ²	10/18/2024	9.05	12.60	Vac Truck	3.55	0.16	1.65	1.08	0.568	19.38	2	
MKTF-31 ²	10/25/2024	8.82	12.88	Vac Truck	4.06	0.16	1.69	1.04	0.650	19.38	2	
MKTF-39	10/30/2023	10.30	10.62	Vac Truck	0.32	0.16	0.78	0.73	0.051	15.20	2	
MKTF-39	10/31/2023	10.35	10.60	Post Recovery	0.25							
MKTF-49	10/30/2023	22.80	23.00	Vac Truck	0.2	0.16	0.36	0.32	0.032	25.02	2	
MKTF-49	10/31/2023	22.78	22.88	Post Recovery	0.1							
						Total Extracted (gal)	39.46	29.48	9.98			

Notes:
¹ = depth recorded from the top of the well casing
² Additional recovery was instituted on MKTF-31 due to high volume of product.
DTP = Depth to product
DTW = Depth to water
SPH = Separate Phase Hydrocarbon
NA = Not Applicable
ft = feet
gal = gallons
in = inches
Vac = Vacuum

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

Location	Date	DTP (ft) ¹	DTW (ft) ¹	Recovery Method	Product Thickness (ft)	Volume/Foot (gal/ft)	Total Fluids Pumped/ Recovered (gal)	Water Volume Recovered (gal)	Product Volume Recovered (gal)	Total Depth (ft) ¹	Casing Diameter (in)	Comments
OW-55	10/9/2023	19.72	21.90	Vac Truck	2.18	0.16	1.68	1.33	0.349	30.2	2	
OW-55	10/10/2023	18.75	21.88	Post Recovery	3.13							
OW-55 ²	10/18/2023	19.80	21.90	Vac Truck	2.1	0.16	1.66	1.33	0.336	30.2	2	
OW-55 ²	10/25/2024	19.82	21.85	Vac Truck	2.03	0.16	1.66	1.34	0.325	30.2	2	
OW-58A	10/4/2023	28.72	34.90	Vac Truck	6.18	0.65	4.96	0.94	4.017	36.4	4	
OW-58A	10/5/2023	28.80	34.15	Post Recovery	5.35							
OW-58A ²	10/9/2023	28.80	36.00	Vac Truck	7.2	0.65	4.91	0.23	4.680	36.4	4	
OW-58A ²	10/10/2024	28.85	34.05	Vac Truck	5.2	0.65	4.88	1.50	3.380	36.4	4	
OW-58A ²	10/18/2024	28.78	35.88	Vac Truck	7.1	0.65	4.92	0.31	4.615	36.4	4	
OW-58A ²	10/25/2024	28.75	35.00	Vac Truck	6.25	0.65	4.94	0.88	4.063	36.4	4	
OW-61	10/25/2023	24.92	26.20	Vac Truck	1.28	0.65	6.46	5.63	0.832	34.9	4	
OW-61	10/26/2023	24.95	26.12	Post Recovery	1.17							
OW-65	10/25/2023	34.00	34.08	Vac Truck	0.08	0.65	3.58	3.53	0.052	39.5	4	
OW-65	10/26/2023	34.02	34.25	Post Recovery	0.23							
OW-66	10/9/2023	19.37	21.20	Vac Truck	1.83	0.16	1.34	1.05	0.293	27.8	2	
OW-66	10/10/2023	19.35	21.10	Post Recovery	1.75							
OW-66 ²	10/18/2024	19.40	21.27	Vac Truck	1.87	0.16	1.34	1.04	0.299	27.8	2	
OW-66 ²	10/25/2024	19.40	21.20	Vac Truck	1.8	0.16	1.34	1.05	0.288	27.8	2	
RW-1	10/25/2023	32.55	35.90	Vac Truck	3.35	0.65	7.09	4.91	2.178	43.5	4	
RW-1	10/26/2023	32.17	36.22	Post Recovery	4.05							
RW-2R	10/25/2023	26.25	26.32	Vac Truck	0.07	0.65	3.41	3.37	0.046	31.5	4	
RW-2R	10/26/2023	26.30	26.38	Post Recovery	0.08							
RW-5	10/25/2023	32.70	33.80	Vac Truck	1.1	0.65	4.42	3.71	0.715	39.5	4	
RW-5	10/26/2023	32.66	33.90	Post Recovery	1.24							
RW-6	10/25/2023	32.85	34.22	Vac Truck	1.37	0.65	5.20	4.31	0.890	40.9	4	
RW-6	10/26/2023	32.77	34.15	Post Recovery	1.38							
Total Extracted (gal)							63.78	36.42	27.36			

Notes:

¹ = depth recorded from the top of the well casing

² Additional recovery was instituted on OW-55, OW-58A, and OW-66 due to high volume of product.

DTP = Depth to product

DTW = Depth to water

SPH = Separate Phase Hydrocarbon

NA = Not Applicable

ft = feet

gal = gallons

in = inches

Vac = Vacuum

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

Location	Date	DTP (ft) ¹	DTW (ft) ¹	Recovery Method	Product Thickness (ft)	Volume/Foot (gal/ft)	Total Fluids Pumped/ Recovered (gal)	Water Volume Recovered (gal)	Product Volume Recovered (gal)	Total Depth (ft) ¹	Casing Diameter (in)	Comments
MKTF-03	11/16/2023	9.58	11.67	Vac Truck	2.09	0.65	5.89	4.53	1.359	18.64	4	
MKTF-03	11/17/2023	9.77	11.23	Post Recovery	1.46							
MKTF-05	11/16/2023	16.08	16.83	Vac Truck	0.75	0.65	1.09	0.60	0.488	17.75	4	
MKTF-05	11/17/2023	17.53	18.28	Post Recovery	0.75							
MKTF-06	11/16/2023	19.33	20.95	Vac Truck	1.62	0.65	2.94	1.89	1.053	23.86	4	
MKTF-06	11/17/2023	19.82	21.44	Post Recovery	1.62							
MKTF-07	11/16/2023	15.37	15.65	Vac Truck	0.28	0.65	1.61	1.43	0.182	17.85	4	
MKTF-07	11/17/2023	15.90	16.22	Post Recovery	0.32							
MKTF-08	11/16/2023	16.36	17.15	Vac Truck	0.79	0.65	3.69	3.17	0.513	22.03	4	
MKTF-08	11/17/2023	16.39	17.15	Post Recovery	0.76							
MKTF-10	11/16/2023	10.05	16.70	Vac Truck	6.65	0.65	4.32	0.00	4.323	16.70	4	
MKTF-10	11/17/2023	11.00	16.50	Post Recovery	5.5							
MKTF-13	11/16/2023	15.06	18.18	Vac Truck	3.12	0.65	4.35	2.32	2.028	21.75	4	
MKTF-13	11/17/2023	16.16	19.03	Post Recovery	2.87							
MKTF-14	11/16/2023	8.49	9.28	Vac Truck	0.79	0.65	5.91	5.40	0.514	17.58	4	
MKTF-14	11/17/2023	8.66	9.45	Post Recovery	0.79							
MKTF-15	11/16/2023	14.80	15.55	Vac Truck	0.75	0.16	0.77	0.65	0.120	19.61	2	
MKTF-15	11/17/2023	14.95	15.66	Post Recovery	0.71							
MKTF-17R	11/16/2023	13.15	17.81	Vac Truck	4.66	0.16	1.18	0.43	0.746	20.50	2	
MKTF-17R	11/17/2023	13.60	17.90	Post Recovery	4.3							
MKTF-19	11/16/2023	14.57	14.72	Vac Truck	0.15	0.16	0.78	0.76	0.024	19.45	2	
MKTF-19	11/17/2023	14.70	14.85	Post Recovery	0.15							
MKTF-22	11/16/2023	26.63	28.20	Vac Truck	1.57	0.16	1.45	1.20	0.251	35.70	2	
MKTF-22	11/17/2023	27.17	29.33	Post Recovery	2.16							
MKTF-31	11/13/2023	8.85	13.50	Vac Truck	4.65	0.16	1.68	0.94	0.744	19.38	2	
MKTF-31	11/14/2023	9.85	10.23	Post Recovery	0.38							
MKTF-39	11/13/2023	10.40	10.80	Vac Truck	0.4	0.16	0.77	0.70	0.064	15.20	2	
MKTF-39	11/14/2023	10.40	10.57	Post Recovery	NA							
MKTF-49	11/16/2023	22.82	22.96	Vac Truck	0.14	0.16	0.35	0.33	0.022	25.02	2	
MKTF-49	11/17/2023	22.96	23.10	Post Recovery	0.14							
						Total Extracted (gal)	30.77	23.41	7.36			

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

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

Location	Date	DTP (ft) ¹	DTW (ft) ¹	Recovery Method	Product Thickness (ft)	Volume/Foot (gal/ft)	Total Fluids Pumped/ Recovered (gal)	Water Volume Recovered (gal)	Product Volume Recovered (gal)	Total Depth (ft) ¹	Casing Diameter (in)	Comments
OW-55	11/13/2023	19.85	21.86	Vac Truck	2.01	0.16	1.66	1.33	0.322	30.2	2	
OW-55	11/14/2023	19.83	21.72	Post Recovery	1.89							
OW-58A	11/13/2023	28.88	34.85	Vac Truck	5.97	0.65	4.86	0.98	3.881	36.4	4	
OW-58A	11/14/2023	29.06	34.05	Post Recovery	4.99							
OW-61	11/14/2023	25.10	26.95	Vac Truck	1.85	0.65	6.34	5.14	1.203	34.9	4	
OW-61	11/15/2023	25.18	27.60	Post Recovery	2.42							
OW-65	11/14/2023	34.05	34.50	Vac Truck	0.45	0.65	3.55	3.26	0.293	39.5	4	
OW-65	11/15/2023	34.33	35.05	Post Recovery	0.72							
OW-66	11/13/2023	19.38	21.20	Vac Truck	1.82	0.16	1.34	1.05	0.291	27.8	2	
OW-66	11/14/2023	19.34	21.15	Post Recovery	1.81							
RW-1	11/14/2023	32.40	36.10	Vac Truck	3.7	0.65	7.18	4.78	2.405	43.5	4	
RW-1	11/15/2023	32.71	36.40	Post Recovery	3.69							
RW-2R	11/14/2023	26.42	27.10	Vac Truck	0.68	0.65	3.30	2.86	0.442	31.5	4	
RW-2R	11/14/2023	26.60	27.30	Post Recovery	0.7							
RW-5	11/14/2023	32.70	34.10	Vac Truck	1.4	0.65	4.42	3.51	0.910	39.5	4	
RW-5	11/15/2023	33.17	34.60	Post Recovery	1.43							
RW-6	11/14/2023	33.00	36.90	Vac Truck	3.9	0.65	5.10	2.57	2.535	40.9	4	
RW-6	11/15/2023	33.71	37.50	Post Recovery	3.79							
						Total Extracted (gal)	37.75	25.47	12.28			

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

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

Location	Date	DTP (ft) ¹	DTW (ft) ¹	Recovery Method	Product Thickness (ft)	Volume/Foot (gal/ft)	Total Fluids Pumped/ Recovered (gal)	Water Volume Recovered (gal)	Product Volume Recovered (gal)	Total Depth (ft) ¹	Casing Diameter (in)	Comments
MKTF-03	12/11/2023	9.50	10.75	Vac Truck	1.25	0.65	5.94	5.13	0.813	18.64	4	
MKTF-03	12/12/2023	9.19	10.35	Post Recovery	1.16							
MKTF-05	12/11/2023	15.60	16.20	Vac Truck	0.60	0.65	1.40	1.01	0.390	17.75	4	
MKTF-05	12/12/2023	15.58	15.81	Post Recovery	0.23							
MKTF-06	NA	NA	NA	Vac Truck	NA	0.65	0.00	0.00	0.000	23.86	4	Unable to access due to mud
MKTF-06	NA	NA	NA	Post Recovery	NA							
MKTF-07	NA	NA	NA	Vac Truck	NA	0.65	0.00	0.00	0.000	17.85	4	Unable to access due to mud
MKTF-07	NA	NA	NA	Post Recovery	NA							
MKTF-08	NA	NA	NA	Vac Truck	NA	0.65	0.00	0.00	0.000	22.03	4	Unable to access due to mud
MKTF-08	NA	NA	NA	Post Recovery	NA							
MKTF-10	12/11/2023	9.50	16.60	Vac Truck	7.10	0.65	4.68	0.06	4.615	16.70	4	
MKTF-10	12/12/2023	11.48	15.3	Post Recovery	NA							
MKTF-13	NA	NA	NA	Vac Truck	NA	0.65	0.00	0.00	0.000	21.75	4	Unable to access due to mud
MKTF-13	NA	NA	NA	Post Recovery	NA							
MKTF-14	NA	NA	NA	Vac Truck	NA	0.65	0.00	0.00	0.000	17.58	4	Unable to access due to mud
MKTF-14	NA	NA	NA	Post Recovery	NA							
MKTF-15	12/11/2023	14.75	15.38	Vac Truck	0.63	0.16	0.78	0.68	0.101	19.61	2	
MKTF-15	12/12/2023	14.89	15.20	Post Recovery	0.31							
MKTF-17R	12/11/2023	12.92	13.00	Vac Truck	0.08	0.16	1.21	1.20	0.013	20.50	2	
MKTF-17R	12/12/2023	12.81	12.83	Post Recovery	0.02							
MKTF-19	12/11/2023	14.60	15.30	Vac Truck	0.70	0.16	0.78	0.66	0.112	19.45	2	
MKTF-19	12/12/2023	14.54	14.64	Post Recovery	0.10							
MKTF-22	12/11/2023	26.44	28.25	Vac Truck	1.81	0.16	1.48	1.19	0.290	35.70	2	
MKTF-22	12/12/2023	26.49	27.97	Post Recovery	1.48							
MKTF-31	12/11/2023	9.00	13.50	Vac Truck	4.5	0.16	1.66	0.94	0.720	19.38	2	
MKTF-31	12/12/2023	9.80	10.21	Post Recovery	0.41							
MKTF-39	12/11/2023	10.55	10.62	Vac Truck	0.07	0.16	0.74	0.73	0.011	15.20	2	
MKTF-39	12/12/2023	10.36	10.51	Post Recovery	0.15							
MKTF-49	NA	NA	NA	Vac Truck	NA	0.16	0.00	0.00	0.000	25.02	2	Unable to access due to mud
MKTF-49	NA	NA	NA	Post Recovery	NA							
						Total Extracted (gal)	17.01	10.67	6.34			

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

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

Location	Date	DTP (ft) ¹	DTW (ft) ¹	Recovery Method	Product Thickness (ft)	Volume/Foot (gal/ft)	Total Fluids Pumped/ Recovered (gal)	Water Volume Recovered (gal)	Product Volume Recovered (gal)	Total Depth (ft) ¹	Casing Diameter (in)	Comments
OW-55	12/11/2023	19.35	21.98	Vac Truck	2.63	0.16	1.74	1.32	0.421	30.2	2	
OW-55	12/12/2023	19.81	21.66	Post Recovery	1.85							
OW-58A	12/11/2023	28.90	34.93	Vac Truck	6.03	0.65	4.84	0.92	3.920	36.4	4	
OW-58A	12/12/2023	28.81	34.77	Post Recovery	5.96							
OW-61	12/11/2023	25.20	26.18	Vac Truck	0.98	0.65	6.28	5.64	0.637	34.9	4	
OW-61	12/12/2023	25.28	25.52	Post Recovery	0.24							
OW-65	12/11/2023	33.72	36.20	Vac Truck	2.48	0.65	3.76	2.15	1.612	39.5	4	
OW-65	12/12/2023	34.00	34.83	Post Recovery	0.83							
OW-66	12/11/2023	19.35	21.32	Vac Truck	1.97	0.16	1.34	1.03	0.315	27.8	2	
OW-66	12/12/2023	19.33	21.15	Post Recovery	NA							
RW-1	12/11/2023	32.65	36.20	Vac Truck	3.55	0.65	7.02	4.71	2.308	43.5	4	
RW-1	12/12/2023	32.55	36.25	Post Recovery	3.7							
RW-2R	12/11/2023	26.30	26.60	Vac Truck	0.3	0.65	3.38	3.19	0.195	31.5	4	
RW-2R	12/12/2023	26.42	26.44	Post Recovery	0.02							
RW-5	NA	NA	NA	Vac Truck	NA	0.65	0.00	0.00	0.000	39.5	4	Unable to access due to mud
RW-5	NA	NA	NA	Post Recovery	NA							
RW-6	NA	NA	NA	Vac Truck	NA	0.65	0.00	0.00	0.000	40.9	4	Unable to access due to mud
RW-6	NA	NA	NA	Post Recovery	NA							
						Total Extracted (gal)	28.37	18.96	9.41			

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

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<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 319229

CONDITIONS

Operator: Western Refining Southwest LLC 539 South Main Street Findlay, OH 45840	OGRID: 267595
	Action Number: 319229
	Action Type: [UF-DP] Discharge Permit (DISCHARGE PERMIT)

CONDITIONS

Created By	Condition	Condition Date
joel.stone	Accepted for OCD record retention purposes.	2/7/2025