

**Western Refining Southwest LLC**

A subsidiary of Marathon Petroleum Corporation

I-40 Exit 39

Jamestown, NM 87347

July 26, 2023

Mr. Dave Cobrain, Interim 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 Second Quarter Status Report
Western Refining Southwest LLC (D/B/A Marathon Gallup Refinery)
EPA ID# NMD000333211

Dear Mr. Cobrain:

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

Hydrocarbon Seep Area Source Control

The refinery has remained in indefinite idle status since April 2020. Refinery resources and personnel were operating at a reduced capacity and have focused on facility maintenance during the 2nd quarter of 2023. The groundwater extraction system began operation on March 1, 2023. The amount of SPH recovered is not quantified with the groundwater system therefore total fluid volumes are reported. The Hydrocarbon Seep Area is within the groundwater recovery capture zone. Activities and observations of note for the Hydrocarbon Seep Area include:

- There were approximately 173,633 gallons (gals) of total fluids recovered from the Hydrocarbon Seep Area standpipe sumps (S-1 – S-6) (Figure 1) using the groundwater extraction system during 2nd quarter of 2023 (Table 1A). No SPH was measured or observed. There is evidence of dissolved phase hydrocarbons in the recovered fluid.

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- There were approximately 8,724 gals of fluid recovered in the French Drain area (Figure 3) using the groundwater extraction system during 2nd quarter of 2023 (Table 1B).
- There was no fluid recovery from the retention ditch during the 2nd quarter because there was no standing fluid (Table 1C and Figure 1).

Borrow Pit Activities

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

The groundwater extraction system began fluid recovery in wells BPS-1, BPS-2, BPS-3, BPS-4, BPS-5, and BPS-8 at the Borrow Pit on March 7, 2023. On June 26 and June 27, 2023, BPS-6 and BPS-7 were re-drilled deeper in order to install pumps into the sumps, respectively. It is anticipated that pumps will be installed in BPS-6 and BPS-7 during the 3rd quarter. Fluid recovery from the sumps transitioned from vacuum truck recovery to recovery using the groundwater system during the 1st quarter 2023. The extraction pumps were manually operated one to three times a day, four days a week, weather permitting from March 7, 2023, to May 31, 2023. Starting May 31, 2023, the extraction pumps were automated pumping each well approximately 24 times per day. On average, SPH thickness decreased in all sumps and piezometers during the second quarter (Table 2A) except for BPS-7 which increased slightly.

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

An estimated total of 17,322 gals of SPH and 37,201 gals of water were recovered by the groundwater extraction system (Table 2B). The total fluid volume recovered from the borrow pit groundwater recovery system is estimated based on sump depths, widths, water and SPH fluid levels, and pump starts.

Surface hydrocarbon staining was observed near BPS-2 and BPS-3 on April 24, 2023. The Refinery will continue to monitor the hydrocarbon staining in the Borrow Pit. Automated extraction is expected to continue to reduce the thickness of SPH in the groundwater and reduce daylighting hydrocarbon.

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Surface Discharge Observations

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

As requested by NMED in Comment 5 from "Disapproval Marketing Tank Farm Laser-Induced Fluorescence/Hydraulic Profiling Investigation Report", dated June 2, 2021, the water seep near the 90-day pad is visually inspected monthly for SPH (Figure 2). The water seep area was inspected each month in the 2nd 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 1st 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-03, MKTF-10, and MKTF-13, KA-3, NAPIS-2, NAPIS-3, OW-57, OW-58, OW-58A, OW-61, OW-63, OW-66. OW-65, MKTF-04R, MKTF-05, MKTF-08, MKTF-43, MKTF-44 showed greater than a foot of water level increase.

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 2nd quarter of 2023 using a vacuum truck. A total of 78.64 gallons of water and 26.81 gallons of SPH were extracted in the 2nd 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. Due to large amounts of precipitation and muddy conditions, no vacuum truck activities were conducted 2nd quarter 2023.

Fluid recovery was attempted at the listed wells: MKTF-3, MKTF-5, MKTF-6, MKTF-7, MKTF-8, MKTF-13, MKTF-14, MKTF-15, MKTF-17R, MKTF-19, MKTF-22, MKTF-39, MKTF-49, OW-58A, OW-61, OW-65, OW-66, RW-1, RW-2R, 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 second quarter of 2023, the following well will be removed from fluid recovery: RW-1. MKTF-10 will be added for fluid recovery. GWM-1 will not be added to the fluid recovery list because it is inaccessible to a vacuum truck. Fluid recovery will continue to be evaluated at the end of each quarter.

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3rd Quarter 2023 IM Activities

Below is a list of activities that are associated with ongoing IM activities that are planned for the 3rd quarter 2023.

- **Monitoring** – Monthly groundwater gauging will continue during the 3rd quarter of 2023. The water seep near the 90-day pad will be monitored for SPH monthly.
- **Hydrocarbon Seep Area Source Control** – The Hydrocarbon Seep Area will be pumped continuously using the groundwater extraction system.
- **Borrow Pit Seep Area** – The Borrow Pit Seep Area will be pumped continuously using the groundwater extraction system.
- **Investigations** – The following investigative activities and reports that pertain to seeps and releases in the area of the Hydrocarbon Seep Area have been completed or are expected to be scheduled for 2023, pending NMED approval of work plans.
 - **AOC 35** – An Investigation Work Plan (IWP) for Area of Concern (AOC) 35, which includes the area around the Marketing Tanks and the Truck Loading Racks, was approved with modifications on September 12, 2019. However, this investigation was postponed for revision due to the gasoline leak in the Truck Loading area found on October 27, 2019. The revised AOC 35 IWP Number 2 was submitted to NMED on September 1, 2021. NMED's Disapproval Revised Investigation Work Plan No. 2 Area of Concern 35 was received on October 20, 2021. The revised IWP and response to disapproval comments was submitted to NMED on April 11, 2022. NMED responded with an Approval with Modifications on December 12, 2022. A response to the Approval with Modifications was submitted to NMED no later than March 15, 2023. The Process Sewer IWP contained in AOC 35 was submitted to NMED March 31, 2023.

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

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Certification

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

Sincerely,
Western Refining Southwest LLC, Marathon Gallup Refinery

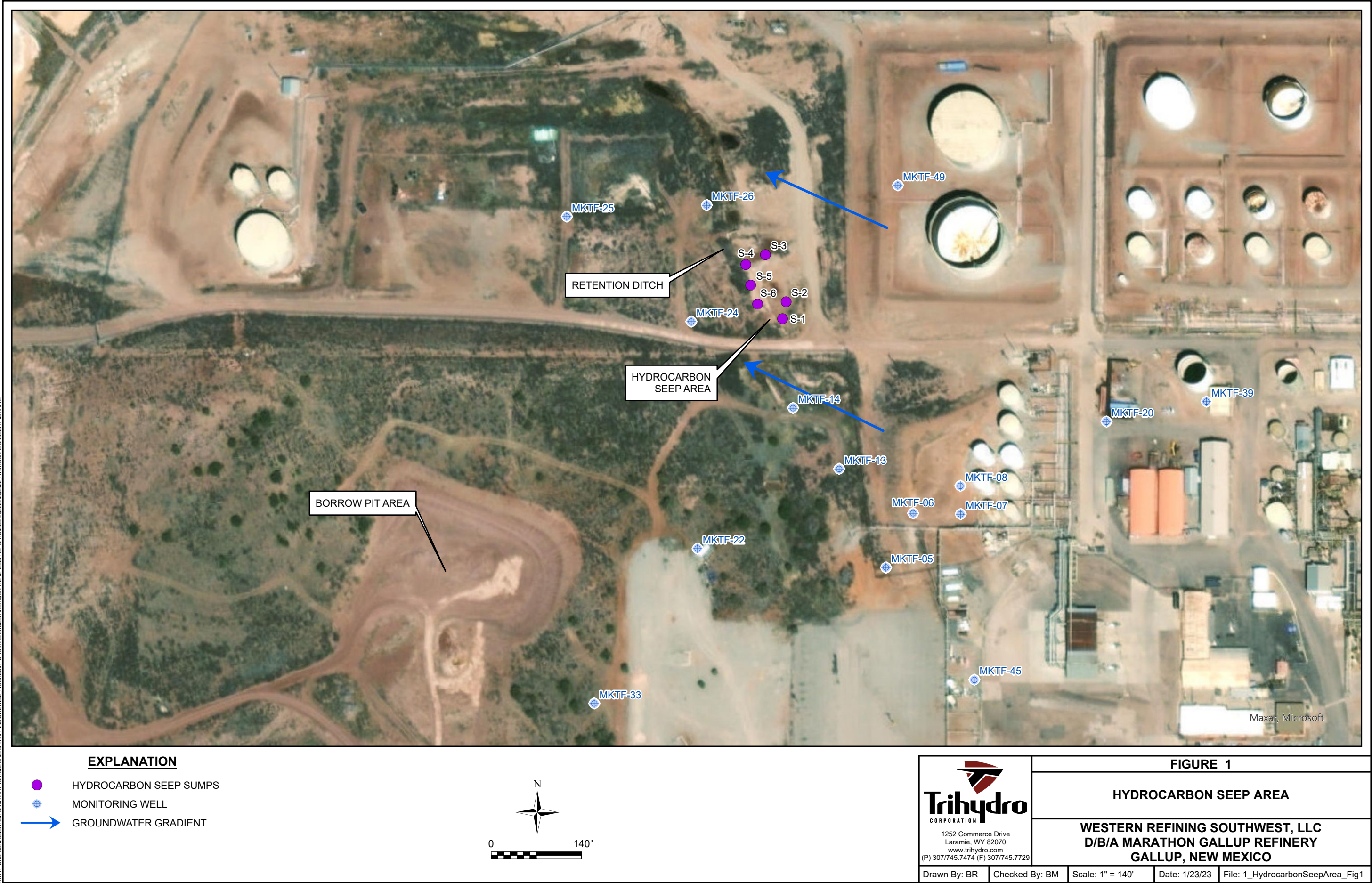


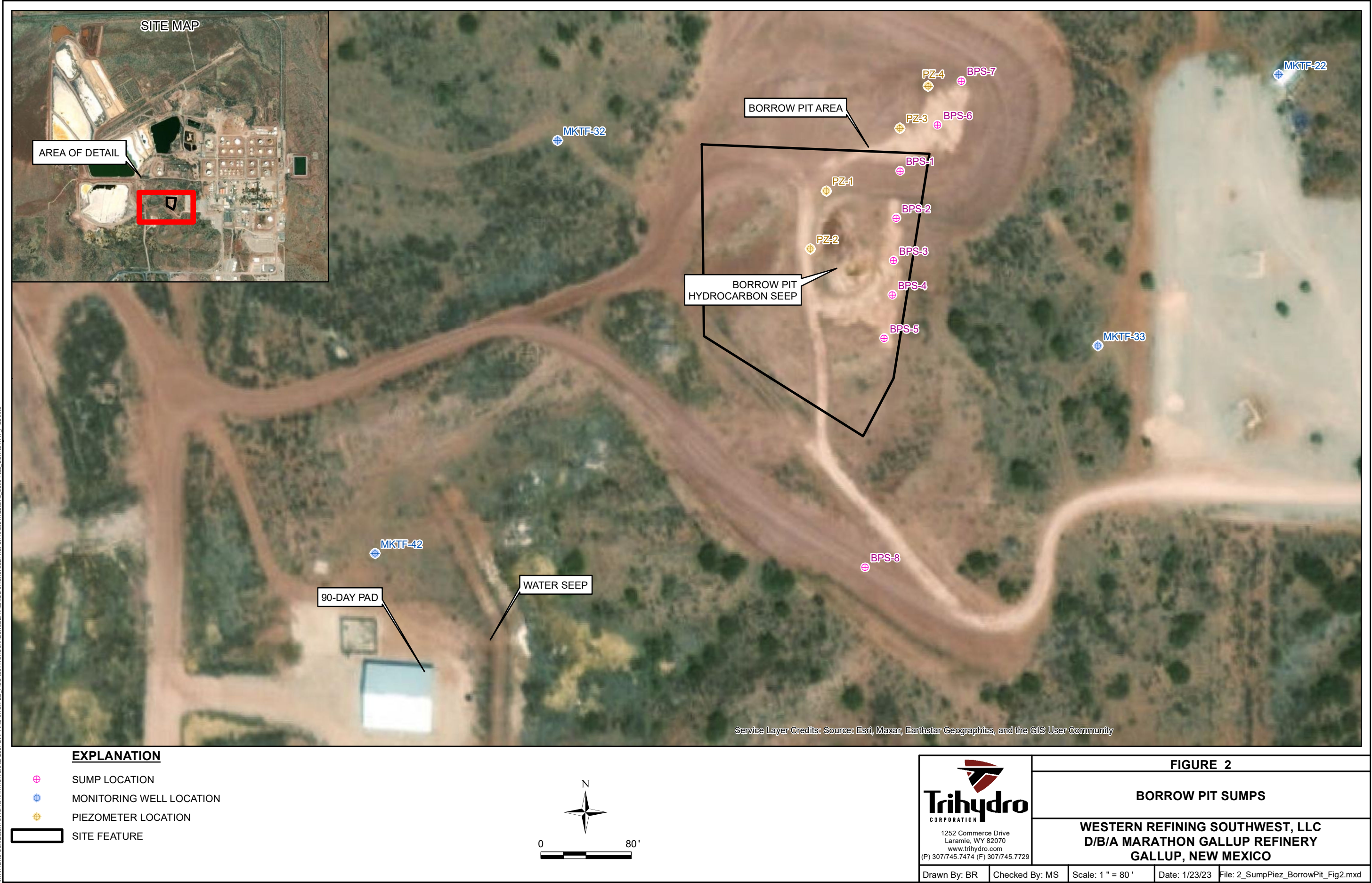
Timothy J. Peterkoski
Director of Environment and Climate Strategy
Marathon Petroleum Company LP

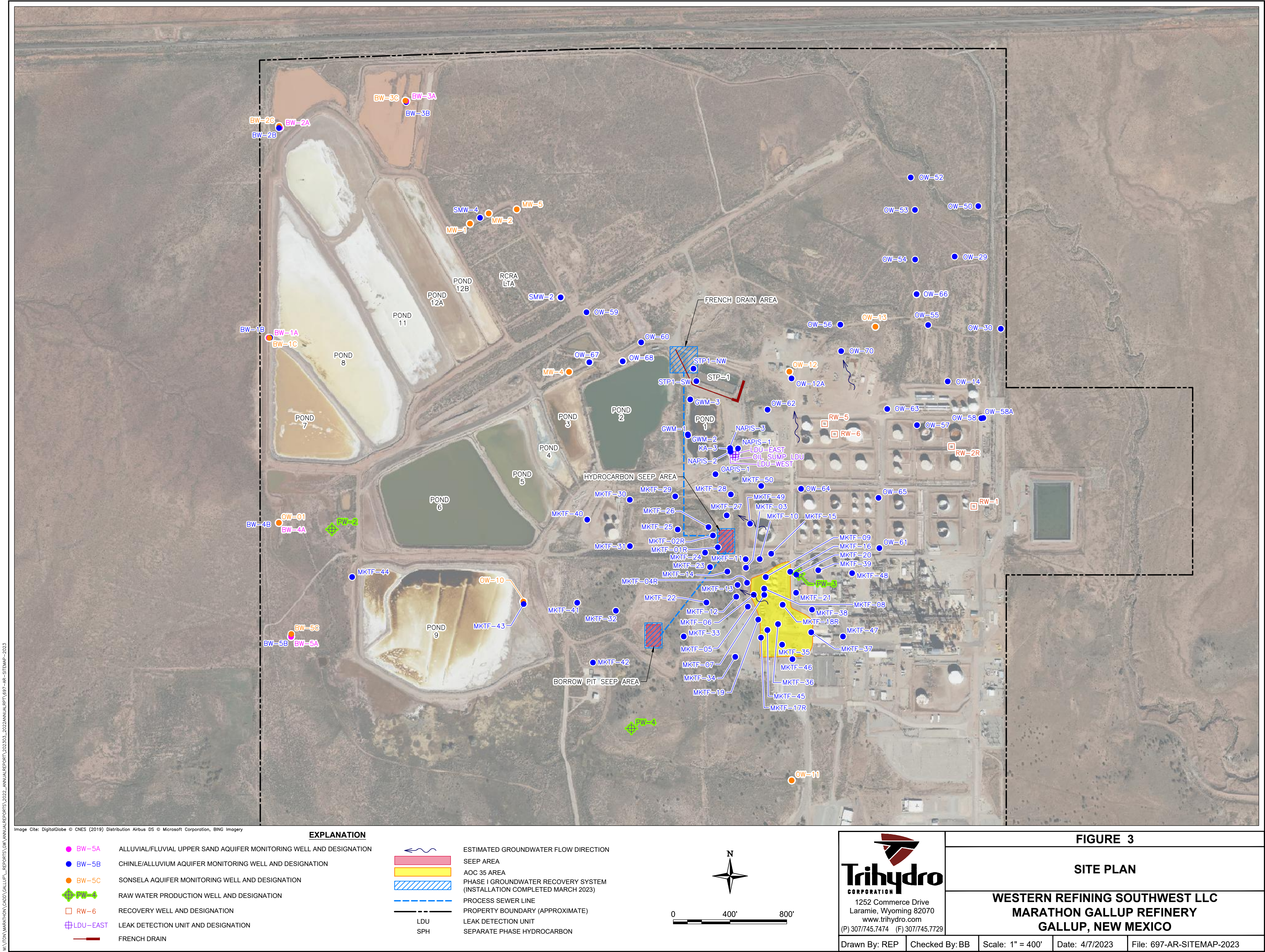
Enclosure

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

FIGURES







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

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

SPH - Separate Phase Hydrocarbon

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

French Drain Area		
Month/Year	STP-1	
	Volume Extracted (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

**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
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-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-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-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-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-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-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-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
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-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

**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-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-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

Notes:

BP-PZ - Borrow Pit Piezometer

BPS - Borrow Pit Sump

bs - below stick up

ft - feet

in - inches

ND - not detected

NM - not measured

SPH - separate phase hydrocarbon

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

Date/Time	Number of Starts	Total System (BPS-1, BPS-2, BPS-3, BPS-4, BPS-5, BPS-8)					
	Starts/month	Total Volume Recovered (gal)	Cumulative Volume Recovered (gal)	Total SPH Recovered (gal)	Cumulative SPH Recovered (gal)	Total Water Recovered (gal)	Cumulative Water Recovered (gal)
March 2023	18	1,182	1,182	376	376	807	807
1st Quarter 2023 Totals	18	1,182	1,182	376	376	807	807
April 2023	26	1,708	2,890	543	918	1,165	1,972
May 2023	57	3,744	6,635	1,190	2,108	2,555	4,527
June 2023	729	47,888	54,523	15,214	17,322	32,674	37,201
2nd Quarter 2023 Totals	812	53,340	54,523	16,946	17,322	36,394	37,201

Notes:

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

SPH - separate phase hydrocarbon

BPS - Borrow Pit Sumps

gal - gallons

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

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-01	01/28/21	4.00	17.43	5.21	0.48	5.69	6,912.59	6912.97	5 - 15	Chinle/Alluvium Interface
MKTF-01	02/28/21	4.00	17.45	3.31	0.23	3.54	6,914.74	6914.92	5 - 15	Chinle/Alluvium Interface
MKTF-01	03/31/21	4.00	17.45	3.70	0.24	3.94	6,914.34	6914.53	5 - 15	Chinle/Alluvium Interface
MKTF-01	04/26/21	4.00	17.45	3.49	0.34	3.83	6,914.45	6914.72	5 - 15	Chinle/Alluvium Interface
MKTF-01	05/20/21	4.00	17.45	4.02	0.36	4.38	6,913.90	6914.19	5 - 15	Chinle/Alluvium Interface
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

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	01/28/21	4.00	20.54	ND	NA	5.30	6,909.70	NA	7 - 17	Chinle/Alluvium Interface
MKTF-02	02/28/21	4.00	20.54	ND	NA	4.69	6,910.31	NA	7 - 17	Chinle/Alluvium Interface
MKTF-02	03/31/21	4.00	20.54	ND	NA	5.39	6,909.61	NA	7 - 17	Chinle/Alluvium Interface
MKTF-02	04/26/21	4.00	20.54	ND	NA	5.33	6,909.67	NA	7 - 17	Chinle/Alluvium Interface
MKTF-02	05/20/21	4.00	20.54	ND	NA	5.66	6,909.34	NA	7 - 17	Chinle/Alluvium Interface
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

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	01/28/21	4.00	18.57	7.84	0.93	8.77	6,922.96	6923.70	3 - 18	Chinle/Alluvium Interface
MKTF-03	02/28/21	4.00	18.62	7.50	0.93	8.43	6,923.30	6924.04	3 - 18	Chinle/Alluvium Interface
MKTF-03	03/31/21	4.00	18.62	7.24	1.03	8.27	6,923.46	6924.28	3 - 18	Chinle/Alluvium Interface
MKTF-03	04/26/21	4.00	18.62	7.15	0.80	7.95	6,923.78	6924.42	3 - 18	Chinle/Alluvium Interface
MKTF-03	05/20/21	4.00	18.62	7.32	1.09	8.41	6,923.32	6924.19	3 - 18	Chinle/Alluvium Interface
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

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	01/28/21	4.00	22.72	ND	NA	10.47	6,923.43	NA	10 - 22	Chinle/Alluvium Interface
MKTF-04	02/28/21	4.00	22.72	10.17	0.12	10.29	6,923.61	6923.71	10 - 22	Chinle/Alluvium Interface
MKTF-04	03/31/21	4.00	22.72	9.54	0.02	9.56	6,924.34	6924.36	10 - 22	Chinle/Alluvium Interface
MKTF-04	04/26/21	4.00	22.72	9.53	0.02	9.55	6,924.35	6924.37	10 - 22	Chinle/Alluvium Interface
MKTF-04	05/20/21	4.00	22.72	9.61	0.10	9.71	6,924.19	6924.27	10 - 22	Chinle/Alluvium Interface
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

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	01/28/21	4.00	17.80	12.21	0.19	12.40	6,927.09	6927.24	4 - 14	Chinle/Alluvium Interface
MKTF-05	02/28/21	4.00	17.77	11.87	0.15	12.02	6,927.47	6927.59	4 - 14	Chinle/Alluvium Interface
MKTF-05	03/31/21	4.00	17.77	12.26	0.06	12.32	6,927.17	6927.22	4 - 14	Chinle/Alluvium Interface
MKTF-05	04/26/21	4.00	17.77	12.30	0.14	12.44	6,927.05	6927.16	4 - 14	Chinle/Alluvium Interface
MKTF-05	05/20/21	4.00	17.77	12.29	0.07	12.36	6,927.13	6927.19	4 - 14	Chinle/Alluvium Interface
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

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	01/28/21	4.00	23.79	15.52	1.56	17.08	6,927.16	6928.41	10 - 20	Chinle/Alluvium Interface
MKTF-06	02/28/21	4.00	23.85	15.36	0.72	16.08	6,928.16	6928.74	8 - 20	Chinle/Alluvium Interface
MKTF-06	03/31/21	4.00	23.85	15.40	0.18	15.58	6,928.66	6928.80	8 - 20	Chinle/Alluvium Interface
MKTF-06	04/26/21	4.00	23.85	15.31	0.07	15.38	6,928.86	6928.92	8 - 20	Chinle/Alluvium Interface
MKTF-06	05/20/21	4.00	23.85	15.44	0.12	15.56	6,928.68	6928.78	8 - 20	Chinle/Alluvium Interface
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

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	01/28/21	4.00	17.66	11.02	0.40	11.42	6,932.98	6933.30	4 - 14	Chinle/Alluvium Interface
MKTF-07	02/28/21	4.00	17.86	10.73	0.21	10.94	6,933.46	6933.63	4 - 14	Chinle/Alluvium Interface
MKTF-07	03/31/21	4.00	17.86	10.92	0.11	11.03	6,933.37	6933.46	4 - 14	Chinle/Alluvium Interface
MKTF-07	04/26/21	4.00	17.86	10.73	0.25	10.98	6,933.42	6933.62	4 - 14	Chinle/Alluvium Interface
MKTF-07	05/20/21	4.00	17.86	10.90	0.13	11.03	6,933.37	6933.47	4 - 14	Chinle/Alluvium Interface
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

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	01/28/21	4.00	22.01	11.77	0.31	12.08	6,931.94	6932.19	8 - 18	Chinle/Alluvium Interface
MKTF-08	02/28/21	4.00	22.00	11.69	0.13	11.82	6,932.20	6932.30	8 - 18	Chinle/Alluvium Interface
MKTF-08	03/31/21	4.00	22.00	11.53	0.10	11.63	6,932.39	6932.47	8 - 18	Chinle/Alluvium Interface
MKTF-08	04/26/21	4.00	22.00	11.57	0.11	11.68	6,932.34	6932.43	8 - 18	Chinle/Alluvium Interface
MKTF-08	05/20/21	4.00	22.00	11.56	0.08	11.64	6,932.38	6932.44	8 - 18	Chinle/Alluvium Interface
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

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	01/28/21	4.00	22.78	ND	NA	12.18	6,931.39	NA	9 - 19	Chinle/Alluvium Interface
MKTF-09	02/28/21	4.00	22.70	11.83	0.13	11.96	6,931.61	6931.71	7 - 19	Chinle/Alluvium Interface
MKTF-09	03/31/21	4.00	22.70	11.92	0.02	11.94	6,931.63	6931.65	7 - 19	Chinle/Alluvium Interface
MKTF-09	04/26/21	4.00	22.70	11.86	0.05	11.91	6,931.66	6931.70	7 - 19	Chinle/Alluvium Interface
MKTF-09	05/20/21	4.00	22.70	12.05	0.18	12.23	6,931.34	6931.48	7 - 19	Chinle/Alluvium Interface
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

**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	01/28/21	4.00	16.50	ND	NA	8.26	6,929.25	NA	7 - 17	Chinle/Alluvium Interface
MKTF-10	02/28/21	4.00	16.50	ND	NA	8.24	6,929.27	NA	7 - 17	Chinle/Alluvium Interface
MKTF-10	03/31/21	4.00	16.50	ND	NA	8.09	6,929.42	NA	7 - 17	Chinle/Alluvium Interface
MKTF-10	04/26/21	4.00	16.50	ND	NA	8.38	6,929.13	NA	7 - 17	Chinle/Alluvium Interface
MKTF-10	05/20/21	4.00	16.50	ND	NA	8.27	6,929.24	NA	7 - 17	Chinle/Alluvium Interface
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

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	01/28/21	4.00	18.45	ND	NA	8.15	6,923.46	NA	8 - 18	Chinle/Alluvium Interface
MKTF-11	02/28/21	4.00	18.53	ND	NA	8.11	6,923.50	NA	8 - 18	Chinle/Alluvium Interface
MKTF-11	03/31/21	4.00	18.53	ND	NA	7.90	6,923.71	NA	8 - 18	Chinle/Alluvium Interface
MKTF-11	04/26/21	4.00	18.53	ND	NA	7.97	6,923.64	NA	8 - 18	Chinle/Alluvium Interface
MKTF-11	05/20/21	4.00	18.53	ND	NA	7.94	6,923.67	NA	8 - 18	Chinle/Alluvium Interface
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

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	01/28/21	4.00	25.89	17.05	0.17	17.22	6,922.48	6922.62	12 - 22	Chinle/Alluvium Interface
MKTF-12	02/28/21	4.00	25.85	16.41	0.10	16.51	6,923.19	6923.27	12 - 22	Chinle/Alluvium Interface
MKTF-12	03/31/21	4.00	25.85	16.18	0.04	16.22	6,923.48	6923.51	12 - 22	Chinle/Alluvium Interface
MKTF-12	04/26/21	4.00	25.85	16.08	0.11	16.19	6,923.51	6923.60	12 - 22	Chinle/Alluvium Interface
MKTF-12	05/20/21	4.00	25.85	16.29	0.03	16.32	6,923.38	6923.40	12 - 22	Chinle/Alluvium Interface
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

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	01/28/21	4.00	21.92	11.74	4.01	15.75	6,917.92	6921.13	8 - 18	Chinle/Alluvium Interface
MKTF-13	02/28/21	4.00	21.75	11.09	4.30	15.39	6,918.28	6921.72	8 - 18	Chinle/Alluvium Interface
MKTF-13	03/31/21	4.00	21.75	10.70	4.44	15.14	6,918.53	6922.08	8 - 18	Chinle/Alluvium Interface
MKTF-13	04/26/21	4.00	21.75	10.74	4.08	14.82	6,918.85	6922.11	8 - 18	Chinle/Alluvium Interface
MKTF-13	05/20/21	4.00	21.75	10.60	4.59	15.19	6,918.48	6922.15	8 - 18	Chinle/Alluvium Interface
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

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	01/28/21	4.00	17.55	4.74	0.30	5.04	6,920.61	6920.85	4 - 14	Chinle/Alluvium Interface
MKTF-14	02/28/21	4.00	17.55	4.27	0.34	4.61	6,921.04	6921.31	4 - 14	Chinle/Alluvium Interface
MKTF-14	03/31/21	4.00	17.55	3.77	0.12	3.89	6,921.76	6921.86	4 - 14	Chinle/Alluvium Interface
MKTF-14	04/26/21	4.00	17.55	3.74	0.07	3.81	6,921.84	6921.90	4 - 14	Chinle/Alluvium Interface
MKTF-14	05/20/21	4.00	17.55	3.83	0.11	3.94	6,921.71	6921.80	4 - 14	Chinle/Alluvium Interface
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

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	01/28/21	2.00	19.52	13.80	0.21	14.01	6,929.73	6,929.90	9 - 19	Chinle/Alluvium Interface
MKTF-15	02/28/21	2.00	19.53	13.71	0.07	13.78	6,929.96	6,930.02	9 - 19	Chinle/Alluvium Interface
MKTF-15	03/31/21	2.00	19.53	13.65	0.03	13.68	6,930.06	6,930.08	9 - 19	Chinle/Alluvium Interface
MKTF-15	04/26/21	2.00	19.53	13.37	0.21	13.58	6,930.16	6,930.33	9 - 19	Chinle/Alluvium Interface
MKTF-15	05/20/21	2.00	19.53	13.77	0.07	13.84	6,929.90	6,929.96	9 - 19	Chinle/Alluvium Interface
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

**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	01/28/21	2.00	10.95	ND	NA	6.57	6,944.43	NA	4 - 14	Chinle/Alluvium Interface
MKTF-16	02/28/21	2.00	10.95	ND	NA	9.26	6,941.74	NA	4 - 14	Chinle/Alluvium Interface
MKTF-16	03/31/21	2.00	10.95	ND	NA	9.73	6,941.27	NA	4 - 14	Chinle/Alluvium Interface
MKTF-16	04/26/21	2.00	10.95	ND	NA	9.93	6,941.07	NA	4 - 14	Chinle/Alluvium Interface
MKTF-16	05/20/21	2.00	10.95	ND	NA	9.82	6,941.18	NA	4 - 14	Chinle/Alluvium Interface
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

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

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	01/28/21	2.00	25.50	ND	NA	9.60	6,941.37	NA	17 - 27	Chinle/Alluvium Interface
MKTF-18	02/28/21	2.00	27.55	ND	NA	9.40	6,941.57	NA	17 - 27	Chinle/Alluvium Interface
MKTF-18	03/31/21	2.00	27.55	ND	NA	9.62	6,941.35	NA	17 - 27	Chinle/Alluvium Interface
MKTF-18	04/26/21	2.00	27.55	ND	NA	9.55	6,941.42	NA	17 - 27	Chinle/Alluvium Interface
MKTF-18	05/20/21	2.00	27.55	ND	NA	9.57	6,941.40	NA	17 - 27	Chinle/Alluvium Interface
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

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	01/28/21	2.00	19.38	12.44	1.24	13.68	6,931.21	6,932.20	10 - 20	Chinle/Alluvium Interface
MKTF-19	02/28/21	2.00	19.44	12.67	1.14	13.81	6,931.08	6,931.99	10 - 20	Chinle/Alluvium Interface
MKTF-19	03/31/21	2.00	19.44	12.82	1.23	14.05	6,930.84	6,931.82	10 - 20	Chinle/Alluvium Interface
MKTF-19	04/26/21	2.00	19.44	12.76	1.53	14.29	6,930.60	6,931.82	10 - 20	Chinle/Alluvium Interface
MKTF-19	05/20/21	2.00	19.44	12.50	1.42	13.92	6,930.97	6,932.11	10 - 20	Chinle/Alluvium Interface
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

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	01/28/21	4.00	9.60	9.10	0.61	9.71	6,942.18	6,942.67	1 - 9.75	Chinle/Alluvium Interface
MKTF-20	02/28/21	4.00	9.61	ND	NA	DRY	NA	NA	2 - 10	Chinle/Alluvium Interface
MKTF-20	03/31/21	4.00	9.61	9.06	0.28	9.34	6,942.55	6,942.77	2 - 10	Chinle/Alluvium Interface
MKTF-20	04/26/21	4.00	9.61	9.25	0.29	9.54	6,942.35	6,942.58	2 - 10	Chinle/Alluvium Interface
MKTF-20	05/20/21	4.00	9.61	9.01	0.27	9.28	6,942.61	6,942.83	2 - 10	Chinle/Alluvium Interface
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

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	12/03/21	4.00	9.60		0.00	9.53	6,942.36	NA	2 - 10	Chinle/Alluvium Interface
MKTF-21	02/28/21	4.00	8.87	ND	NA	7.92	6,944.76	NA	1 - 9.75	Chinle/Alluvium Interface
MKTF-21	03/31/21	4.00	8.87	ND	NA	7.84	6,944.84	NA	2 - 10	Chinle/Alluvium Interface
MKTF-21	04/26/21	4.00	8.87	ND	NA	7.39	6,945.29	NA	2 - 10	Chinle/Alluvium Interface
MKTF-21	05/20/21	4.00	8.87	ND	NA	7.51	6,945.17	NA	2 - 10	Chinle/Alluvium Interface
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

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	01/28/21	2.00	35.09	22.73	2.69	25.42	6,914.34	6916.49	22 - 32	Chinle/Alluvium Interface
MKTF-22	02/28/21	2.00	35.66	22.62	2.68	25.30	6,914.46	6916.60	22 - 32	Chinle/Alluvium Interface
MKTF-22	03/31/21	2.00	35.66	23.22	1.48	24.70	6,915.06	6916.24	22 - 32	Chinle/Alluvium Interface
MKTF-22	04/26/21	2.00	35.66	23.46	0.22	23.68	6,916.08	6916.26	22 - 32	Chinle/Alluvium Interface
MKTF-22	05/20/21	2.00	35.66	22.60	1.83	24.43	6,915.33	6916.79	22 - 32	Chinle/Alluvium Interface
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

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

**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	01/28/21	2.00	31.23	ND	NA	20.61	6,905.46	NA	18 - 28	Chinle/Alluvium Interface
MKTF-24	02/27/21	2.00	31.47	ND	NA	20.32	6,905.75	NA	18 - 28	Chinle/Alluvium Interface
MKTF-24	03/31/21	2.00	31.47	ND	NA	20.51	6,905.56	NA	18 - 28	Chinle/Alluvium Interface
MKTF-24	04/26/21	2.00	31.47	ND	NA	21.51	6,904.56	NA	18 - 28	Chinle/Alluvium Interface
MKTF-24	05/20/21	2.00	31.47	ND	NA	20.56	6,905.51	NA	18 - 28	Chinle/Alluvium Interface
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

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	01/28/21	2.00	20.38	ND	NA	10.70	6,902.65	NA	6 - 16	Chinle/Alluvium Interface
MKTF-25	02/27/21	2.00	20.09	ND	NA	10.62	6,902.73	NA	6 - 16	Chinle/Alluvium Interface
MKTF-25	03/31/21	2.00	20.09	ND	NA	10.57	6,902.78	NA	6 - 16	Chinle/Alluvium Interface
MKTF-25	04/26/21	2.00	20.09	ND	NA	11.30	6,902.05	NA	6 - 16	Chinle/Alluvium Interface
MKTF-25	05/20/21	2.00	20.09	ND	NA	10.48	6,902.87	NA	6 - 16	Chinle/Alluvium Interface
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

**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

**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	01/28/21	2.00	14.74	ND	NA	4.08	6,911.28	NA	2 - 12	Chinle/Alluvium Interface
MKTF-27	02/28/21	2.00	14.76	ND	NA	2.97	6,912.39	NA	1 - 12	Chinle/Alluvium Interface
MKTF-27	03/31/21	2.00	14.76	ND	NA	3.94	6,911.42	NA	1 - 12	Chinle/Alluvium Interface
MKTF-27	04/26/21	2.00	14.76	ND	NA	3.64	6,911.72	NA	1 - 12	Chinle/Alluvium Interface
MKTF-27	05/20/21	2.00	14.76	ND	NA	3.98	6,911.38	NA	1 - 12	Chinle/Alluvium Interface
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

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	01/28/21	2.00	16.16	ND	NA	6.89	6,911.78	NA	3 - 13	Chinle/Alluvium Interface
MKTF-28	02/28/21	2.00	16.16	ND	NA	5.33	6,913.34	NA	3 - 13	Chinle/Alluvium Interface
MKTF-28	03/31/21	2.00	16.16	ND	NA	5.66	6,913.01	NA	3 - 13	Chinle/Alluvium Interface
MKTF-28	04/26/21	2.00	16.16	ND	NA	5.62	6,913.05	NA	3 - 13	Chinle/Alluvium Interface
MKTF-28	05/20/21	2.00	16.16	ND	NA	5.09	6,913.58	NA	3 - 13	Chinle/Alluvium Interface
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

**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	01/28/21	2.00	22.85	ND	NA	2.82	6,896.01	NA	10 - 20	Chinle/Alluvium Interface
MKTF-29	02/28/21	2.00	22.83	ND	NA	2.52	6,896.31	NA	10 - 20	Chinle/Alluvium Interface
MKTF-29	03/31/21	2.00	22.83	ND	NA	2.41	6,896.42	NA	10 - 20	Chinle/Alluvium Interface
MKTF-29	04/26/21	2.00	22.83	ND	NA	2.13	6,896.70	NA	10 - 20	Chinle/Alluvium Interface
MKTF-29	05/20/21	2.00	22.83	ND	NA	2.42	6,896.41	NA	10 - 20	Chinle/Alluvium Interface
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

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	01/28/21	2.00	23.22	ND	NA	14.09	6,884.01	NA	10 - 20	Chinle/Alluvium Interface
MKTF-30	02/28/21	2.00	22.95	ND	NA	13.63	6,884.47	NA	10 - 20	Chinle/Alluvium Interface
MKTF-30	03/31/21	2.00	22.95	ND	NA	13.70	6,884.40	NA	10 - 20	Chinle/Alluvium Interface
MKTF-30	04/26/21	2.00	22.95	ND	NA	13.50	6,884.60	NA	10 - 20	Chinle/Alluvium Interface
MKTF-30	05/20/21	2.00	22.95	ND	NA	13.69	6,884.41	NA	10 - 20	Chinle/Alluvium Interface
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

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	01/28/21	2.00	13.37	ND	NA	6.01	6,898.25	NA	6 - 21	Chinle/Alluvium Interface
MKTF-31	02/28/21	2.00	19.36	ND	NA	5.92	6,898.34	NA	6 - 21	Chinle/Alluvium Interface
MKTF-31	03/31/21	2.00	19.36	ND	NA	6.00	6,898.26	NA	6 - 21	Chinle/Alluvium Interface
MKTF-31	04/26/21	2.00	19.36	ND	NA	5.79	6,898.47	NA	6 - 21	Chinle/Alluvium Interface
MKTF-31	05/20/21	2.00	19.36	ND	NA	5.90	6,898.36	NA	6 - 21	Chinle/Alluvium Interface
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

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	01/28/21	2.00	27.82	11.41	0.01	11.41	6,897.03	6897.04	9.5-24.5	Chinle/Alluvium Interface
MKTF-32	02/27/21	2.00	27.79	11.34	0.01	11.35	6,897.09	6897.10	9- 26	Chinle/Alluvium Interface
MKTF-32	03/31/21	2.00	27.79	ND	NA	11.44	6,897.00	NA	9- 26	Chinle/Alluvium Interface
MKTF-32	04/26/21	2.00	27.79	ND	NA	11.23	6,897.21	NA	9- 26	Chinle/Alluvium Interface
MKTF-32	05/20/21	2.00	27.79	ND	NA	11.48	6,896.96	NA	9- 26	Chinle/Alluvium Interface
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

**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	01/28/21	2.00	33.57	19.42	3.38	22.80	6,913.79	6916.49	20 - 30	Chinle/Alluvium Interface
MKTF-33	02/27/21	2.00	33.28	19.84	0.75	20.59	6,916.00	6916.60	20 - 30	Chinle/Alluvium Interface
MKTF-33	03/31/21	2.00	33.28	20.03	0.22	20.25	6,916.34	6916.52	20 - 30	Chinle/Alluvium Interface
MKTF-33	04/26/21	2.00	33.28	21.00	0.61	21.61	6,914.98	6915.47	20 - 30	Chinle/Alluvium Interface
MKTF-33	05/20/21	2.00	33.28	20.05	0.31	20.36	6,916.23	6916.48	20 - 30	Chinle/Alluvium Interface
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

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	01/28/21	2.00	27.80	ND	NA	16.46	6,925.96	NA	9.5 - 24.5	Chinle/Alluvium Interface
MKTF-34	02/28/21	2.00	27.79	15.47	0.01	15.48	6,926.94	6,926.95	9 - 24	Chinle/Alluvium Interface
MKTF-34	03/31/21	2.00	27.79	ND	NA	17.68	6,924.74	NA	9 - 24	Chinle/Alluvium Interface
MKTF-34	04/26/21	2.00	27.79	ND	NA	19.68	6,922.74	NA	9 - 24	Chinle/Alluvium Interface
MKTF-34	05/20/21	2.00	27.79	ND	NA	17.67	6,924.75	NA	9 - 24	Chinle/Alluvium Interface
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

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	01/28/21	2.00	16.39	ND	NA	9.71	6,942.19	NA	6 - 16	Chinle/Alluvium Interface
MKTF-35	02/28/21	2.00	16.55	ND	NA	9.42	6,942.48	NA	6 - 16	Chinle/Alluvium Interface
MKTF-35	03/31/21	2.00	16.55	ND	NA	9.75	6,942.15	NA	6 - 16	Chinle/Alluvium Interface
MKTF-35	04/26/21	2.00	16.55	ND	NA	10.58	6,941.32	NA	6 - 16	Chinle/Alluvium Interface
MKTF-35	05/20/21	2.00	16.55	ND	NA	9.85	6,942.05	NA	6 - 16	Chinle/Alluvium Interface
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

**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	01/28/21	2.00	15.58	8.52	0.05	8.57	6,945.33	6945.37	5 - 15	Chinle/Alluvium Interface
MKTF-36	02/28/21	2.00	15.58	8.65	0.01	8.66	6,945.24	6945.25	5 - 15	Chinle/Alluvium Interface
MKTF-36	03/31/21	2.00	15.58	ND	NA	8.75	6,945.15	NA	5 - 15	Chinle/Alluvium Interface
MKTF-36	04/26/21	2.00	15.58	ND	NA	9.30	6,944.60	NA	5 - 15	Chinle/Alluvium Interface
MKTF-36	05/20/21	2.00	15.58	ND	NA	8.69	6,945.21	NA	5 - 15	Chinle/Alluvium Interface
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

**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	01/28/21	2.00	24.61	9.84	0.01	9.85	6,949.22	6949.23	4 - 24	Chinle/Alluvium Interface
MKTF-37	02/28/21	2.00	24.67	9.85	0.02	9.87	6,949.20	6949.22	4 - 24	Chinle/Alluvium Interface
MKTF-37	03/31/21	2.00	24.67	10.03	0.02	10.05	6,949.02	6949.04	4 - 24	Chinle/Alluvium Interface
MKTF-37	04/26/21	2.00	24.67	10.30	0.03	10.33	6,948.74	6948.76	4 - 24	Chinle/Alluvium Interface
MKTF-37	05/20/21	2.00	24.67	9.99	0.03	10.02	6,949.05	6949.07	4 - 24	Chinle/Alluvium Interface
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

**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	02/28/21	2.00	21.30	ND	NA	9.50	6,945.67	NA	5 - 20	Chinle/Alluvium Interface
MKTF-38	02/28/21	2.00	20.34	ND	NA	9.45	6,945.72	NA	5 - 20	Chinle/Alluvium Interface
MKTF-38	03/31/21	2.00	20.34	ND	NA	9.58	6,945.59	NA	5 - 20	Chinle/Alluvium Interface
MKTF-38	04/26/21	2.00	20.34	ND	NA	9.14	6,946.03	NA	5 - 20	Chinle/Alluvium Interface
MKTF-38	05/20/21	2.00	20.34	ND	NA	9.59	6,945.58	NA	5 - 20	Chinle/Alluvium Interface
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

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	01/28/21	2.00	15.19	9.67	2.13	11.80	6,942.17	6,943.87	5 - 15	Chinle/Alluvium Interface
MKTF-39	02/28/21	2.00	15.21	9.53	0.71	10.24	6,943.73	6,944.30	5 - 15	Chinle/Alluvium Interface
MKTF-39	03/31/21	2.00	15.21	9.60	0.82	10.42	6,943.55	6,944.21	5 - 15	Chinle/Alluvium Interface
MKTF-39	04/26/21	2.00	15.21	11.38	0.03	11.41	6,942.56	6,942.58	5 - 15	Chinle/Alluvium Interface
MKTF-39	05/20/21	2.00	15.21	9.58	0.86	10.44	6,943.53	6,944.22	5 - 15	Chinle/Alluvium Interface
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

**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	01/28/21	2.00	23.68	ND	NA	11.24	6,880.11	NA	5 - 20	Chinle/Alluvium Interface
MKTF-40	02/28/21	2.00	23.66	ND	NA	11.19	6,880.16	NA	5 - 20	Chinle/Alluvium Interface
MKTF-40	03/31/21	2.00	23.66	ND	NA	11.67	6,879.68	NA	5 - 20	Chinle/Alluvium Interface
MKTF-40	04/26/21	2.00	23.66	ND	NA	12.67	6,878.68	NA	5 - 20	Chinle/Alluvium Interface
MKTF-40	05/20/21	2.00	23.66	ND	NA	11.65	6,879.70	NA	5 - 20	Chinle/Alluvium Interface
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

**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	01/28/21	2.00	39.94	ND	NA	18.68	6,872.43	NA	22 - 37	Chinle/Alluvium Interface
MKTF-41	02/27/21	2.00	39.85	ND	NA	18.58	6,872.53	NA	22 - 37	Chinle/Alluvium Interface
MKTF-41	03/31/21	2.00	39.85	ND	NA	18.88	6,872.23	NA	22 - 37	Chinle/Alluvium Interface
MKTF-41	04/26/21	2.00	39.85	ND	NA	18.88	6,872.23	NA	22 - 37	Chinle/Alluvium Interface
MKTF-41	05/20/21	2.00	39.85	ND	NA	18.87	6,872.24	NA	22 - 37	Chinle/Alluvium Interface
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

**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	01/28/21	2.00	32.95	ND	NA	14.32	6,876.10	NA	10 - 30	Chinle/Alluvium Interface
MKTF-42	02/27/21	2.00	33.24	ND	NA	14.30	6,876.12	NA	10 - 30	Chinle/Alluvium Interface
MKTF-42	03/31/21	2.00	33.24	ND	NA	14.64	6,875.78	NA	10 - 30	Chinle/Alluvium Interface
MKTF-42	04/26/21	2.00	33.24	ND	NA	16.38	6,874.04	NA	10 - 30	Chinle/Alluvium Interface
MKTF-42	05/20/21	2.00	33.24	ND	NA	14.57	6,875.85	NA	10 - 30	Chinle/Alluvium Interface
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

**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	01/28/21	2.00	16.92	ND	NA	5.91	6,868.21	NA	2 - 12	Chinle/Alluvium Interface
MKTF-43	02/27/21	2.00	16.95	ND	NA	5.89	6,868.23	NA	2 - 12	Chinle/Alluvium Interface
MKTF-43	03/31/21	2.00	16.95	ND	NA	5.71	6,868.41	NA	2 - 12	Chinle/Alluvium Interface
MKTF-43	04/26/21	2.00	16.95	ND	NA	5.88	6,868.24	NA	2 - 12	Chinle/Alluvium Interface
MKTF-43	05/20/21	2.00	16.95	ND	NA	5.69	6,868.43	NA	2 - 12	Chinle/Alluvium Interface
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

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	02/28/21	2.00	51.50	ND	0.00	35.96	6,831.45	NA	38 - 48	Chinle/Alluvium Interface
MKTF-44	03/31/21	2.00	51.50	ND	0.00	42.74	6,824.67	NA	38 - 48	Chinle/Alluvium Interface
MKTF-44	04/26/21	2.00	51.50	ND	0.00	42.79	6,824.62	NA	38 - 48	Chinle/Alluvium Interface
MKTF-44	05/20/21	2.00	51.50	ND	0.00	42.57	6,824.84	NA	38 - 48	Chinle/Alluvium Interface
MKTF-44	06/01/21	2.00	51.50	ND	0.00	35.57	6,831.84	NA	38 - 48	Chinle/Alluvium Interface
MKTF-44	09/09/21	2.00	51.50	ND	0.00	32.71	6,834.70	NA	38 - 48	Chinle/Alluvium Interface
MKTF-44	12/22/21	2.00	51.25	ND	0.00	36.06	6,831.35	NA	38 - 48	Chinle/Alluvium Interface
MKTF-44	03/01/22	2.00	51.25	ND	0.00	38.79	6,828.62	NA	38 - 48	Chinle/Alluvium Interface
MKTF-44	06/01/22	2.00	51.20	ND	0.00	33.24	6,834.17	NA	38 - 48	Chinle/Alluvium Interface
MKTF-44	07/06/22	2.00	51.15	ND	0.00	34.62	6,832.79	NA	38 - 48	Chinle/Alluvium Interface
MKTF-44	08/08/22	2.00	51.10	ND	0.00	33.67	6,833.74	NA	38 - 48	Chinle/Alluvium Interface
MKTF-44	09/01/22	2.00	51.05	ND	0.00	33.86	6,833.55	NA	38 - 48	Chinle/Alluvium Interface
MKTF-44	10/03/22	2.00	51.00	ND	0.00	33.89	6,833.52	NA	38 - 48	Chinle/Alluvium Interface
MKTF-44	11/03/22	2.00	50.95	ND	0.00	33.98	6,833.43	NA	38 - 48	Chinle/Alluvium Interface
MKTF-44	12/22/22	2.00	50.90	ND	0.00	33.98	6,833.43	NA	38 - 48	Chinle/Alluvium Interface
MKTF-44	1/30/2023	2.00	51.00	ND	0.00	33.96	6,833.45	NA	38 - 48	Chinle/Alluvium Interface
MKTF-44	2/27/2023	2.00	50.95	ND	0.00	31.49	6,835.92	NA	38 - 48	Chinle/Alluvium Interface
MKTF-44	3/6/2023	2.00	50.90	ND	0.00	31.60	6,835.81	NA	38 - 48	Chinle/Alluvium Interface
MKTF-44	4/11/2023	2.00	51.00	ND	1.00	36.19	6,831.22	NA	38 - 48	Chinle/Alluvium Interface
MKTF-44	5/15/2023	2.00	50.95	ND	2.00	31.58	6,835.83	NA	38 - 48	Chinle/Alluvium Interface
MKTF-44	6/1/2023	2.00	50.90	ND	3.00	29.58	6,837.83	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	01/28/21	4.00	30.45	15.04	0.13	15.17	6,933.46	6933.56	Unknown	Chinle/Alluvium Interface
MKTF-45	02/27/21	4.00	30.50	12.59	0.01	12.60	6,936.03	6936.04	Unknown	Chinle/Alluvium Interface
MKTF-45	03/31/21	4.00	30.50	14.59	0.02	14.61	6,934.02	6934.04	Unknown	Chinle/Alluvium Interface
MKTF-45	04/26/21	4.00	30.50	15.38	0.03	15.41	6,933.22	6933.24	Unknown	Chinle/Alluvium Interface
MKTF-45	05/20/21	4.00	30.50	14.54	0.51	15.05	6,933.58	6933.99	Unknown	Chinle/Alluvium Interface
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

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	01/28/21	2.00	21.30	ND	NA	8.45	6,946.28	NA	3 - 18	Chinle/Alluvium Interface
MKTF-46	02/27/21	2.00	21.30	ND	NA	7.95	6,946.78	NA	3 - 18	Chinle/Alluvium Interface
MKTF-46	03/31/21	2.00	21.30	ND	NA	8.03	6,946.70	NA	3 - 18	Chinle/Alluvium Interface
MKTF-46	04/26/21	2.00	21.30	ND	NA	8.26	6,946.47	NA	3 - 18	Chinle/Alluvium Interface
MKTF-46	05/20/21	2.00	21.30	ND	NA	8.16	6,946.57	NA	3 - 18	Chinle/Alluvium Interface
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

**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	01/28/21	2.00	14.31	ND	NA	9.76	6,949.75	NA	4 - 14	Chinle/Alluvium Interface
MKTF-47	02/27/21	2.00	14.30	ND	NA	9.57	6,949.94	NA	4 - 14	Chinle/Alluvium Interface
MKTF-47	03/31/21	2.00	14.30	ND	NA	DRY	NA	NA	4 - 14	Chinle/Alluvium Interface
MKTF-47	04/26/21	2.00	14.30	ND	NA	DRY	NA	NA	4 - 14	Chinle/Alluvium Interface
MKTF-47	05/20/21	2.00	14.30	ND	NA	DRY	NA	NA	4 - 14	Chinle/Alluvium Interface
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

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	01/28/21	2.00	21.97	9.70	0.01	9.71	6,949.53	6949.54	2 - 17	Chinle/Alluvium Interface
MKTF-48	02/27/21	2.00	20.95	9.70	0.06	9.76	6,949.48	6949.53	2 - 17	Chinle/Alluvium Interface
MKTF-48	03/31/21	2.00	20.95	9.92	0.24	10.16	6,949.08	6949.27	2 - 17	Chinle/Alluvium Interface
MKTF-48	04/26/21	2.00	20.95	11.22	0.24	11.46	6,947.78	6947.97	2 - 17	Chinle/Alluvium Interface
MKTF-48	05/20/21	2.00	20.95	9.89	0.14	10.03	6,949.21	6949.32	2 - 17	Chinle/Alluvium Interface
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

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	01/28/21	2.00	24.98	ND	NA	18.29	6,925.71	NA	5 - 25	Chinle/Alluvium Interface
MKTF-49	02/28/21	2.00	25.02	ND	NA	18.29	6,925.71	NA	5 - 25	Chinle/Alluvium Interface
MKTF-49	03/31/21	2.00	25.02	ND	NA	18.39	6,925.61	NA	5 - 25	Chinle/Alluvium Interface
MKTF-49	04/26/21	2.00	25.02	ND	NA	17.35	6,926.65	NA	5 - 25	Chinle/Alluvium Interface
MKTF-49	05/20/21	2.00	25.02	ND	NA	18.45	6,925.55	NA	5 - 25	Chinle/Alluvium Interface
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

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	01/28/21	2.00	20.62	ND	NA	13.29	6,926.39	NA	3 - 18	Chinle/Alluvium Interface
MKTF-50	02/28/21	2.00	21.70	ND	NA	13.24	6,926.44	NA	3 - 18	Chinle/Alluvium Interface
MKTF-50	03/31/21	2.00	21.70	ND	NA	13.34	6,926.34	NA	3 - 18	Chinle/Alluvium Interface
MKTF-50	04/26/21	2.00	21.70	ND	NA	13.05	6,926.63	NA	3 - 18	Chinle/Alluvium Interface
MKTF-50	05/20/21	2.00	21.70	ND	NA	13.33	6,926.35	NA	3 - 18	Chinle/Alluvium Interface
MKTF-50	06/01/21	2.00	21.70	ND	NA	13.52	6,926.16	NA	3 - 18	Chinle/Alluvium Interface
MKTF-50	06/16/21	2.00	21.70	13.54	0.17	13.71	6,925.97	6926.11	3 - 18	Chinle/Alluvium Interface
MKTF-50	07/21/21	2.00	21.70	11.61	0.45	12.06	6,927.62	6927.98	3 - 18	Chinle/Alluvium Interface
MKTF-50	08/04/21	2.00	21.70	12.31	0.30	12.61	6,927.07	6927.31	3 - 18	Chinle/Alluvium Interface
MKTF-50	09/09/21	2.00	21.70	12.26	0.28	12.54	6,927.14	6927.36	3 - 18	Chinle/Alluvium Interface
MKTF-50	10/27/21	2.00	21.70	12.34	0.31	12.65	6,927.03	6927.28	3 - 18	Chinle/Alluvium Interface
MKTF-50	11/02/21	2.00	21.70	12.41	0.27	12.68	6,927.00	6927.22	3 - 18	Chinle/Alluvium Interface
MKTF-50	12/09/21	2.00	21.70	12.30	0.26	12.56	6,927.12	6927.33	3 - 18	Chinle/Alluvium Interface
MKTF-50	01/10/22	2.00	21.70	12.36	0.18	12.54	6,927.14	6927.28	3 - 18	Chinle/Alluvium Interface
MKTF-50	02/28/22	2.00	21.70	12.41	0.16	12.57	6,927.11	6927.24	3 - 18	Chinle/Alluvium Interface
MKTF-50	03/02/22	2.00	21.71	12.27	0.30	12.57	6,927.11	6927.35	3 - 18	Chinle/Alluvium Interface
MKTF-50	04/27/22	2.00	21.71	12.66	0.23	12.89	6,926.79	6926.97	3 - 18	Chinle/Alluvium Interface
MKTF-50	05/05/22	2.00	21.71	12.68	0.20	12.88	6,926.80	6926.96	3 - 18	Chinle/Alluvium Interface
MKTF-50	06/01/22	2.00	21.71	12.87	0.31	13.18	6,926.50	6926.75	3 - 18	Chinle/Alluvium Interface
MKTF-50	07/06/22	2.00	21.71	12.66	0.23	12.89	6,926.79	6926.97	3 - 18	Chinle/Alluvium Interface
MKTF-50	08/08/22	2.00	21.71	12.82	0.30	13.12	6,926.56	6926.80	3 - 18	Chinle/Alluvium Interface
MKTF-50	09/01/22	2.00	21.71	12.76	0.29	13.05	6,926.63	6926.86	3 - 18	Chinle/Alluvium Interface
MKTF-50	10/03/22	2.00	21.71	12.68	0.28	12.96	6,926.72	6926.94	3 - 18	Chinle/Alluvium Interface
MKTF-50	11/03/22	2.00	21.71	12.76	0.25	13.01	6,926.67	6926.87	3 - 18	Chinle/Alluvium Interface
MKTF-50	12/06/22	2.00	21.71	NM	NM	12.89	6,926.79	NA	3 - 18	Chinle/Alluvium Interface
MKTF-50	01/11/23	2.00	21.71	13.35	0.91	14.26	6,925.42	6926.15	3 - 18	Chinle/Alluvium Interface
MKTF-50	02/27/23	2.00	21.71	ND	NA	13.09	6,926.59	NA	3 - 18	Chinle/Alluvium Interface
MKTF-50	03/31/23	2.00	21.71	12.66	0.27	12.93	6,926.75	6926.97	3 - 18	Chinle/Alluvium Interface
MKTF-50	04/12/23	2.00	21.71	12.51	0.36	12.87	6,926.81	6927.10	3 - 18	Chinle/Alluvium Interface
MKTF-50	05/15/23	2.00	21.71	12.48	0.42	12.90	6,926.78	6927.12	3 - 18	Chinle/Alluvium Interface
MKTF-50	6/12/2023	2.00	21.71	12.59	0.38	12.97	6,926.71	6927.01	3 - 18	Chinle/Alluvium Interface

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 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)	Groundwater Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
GWM-1	01/28/21	2.00	26.25	18.71	1.20	19.91	6,890.31	6891.27	17.5 - 23.5	Chinle/Alluvial Interface
GWM-1	02/28/21	2.00	26.40	18.80	1.38	20.18	6,890.04	6891.14	17.5 - 23.5	Chinle/Alluvial Interface
GWM-1	03/31/21	2.00	26.55	20.18	3.83	24.01	6,886.21	6889.27	17.5 - 23.5	Chinle/Alluvial Interface
GWM-1	04/26/21	2.00	26.40	19.75	0.84	20.59	6,889.63	6890.30	17.5 - 23.5	Chinle/Alluvial Interface
GWM-1	05/20/21	2.00	26.40	19.27	1.26	20.53	6,889.69	6890.70	17.5 - 23.5	Chinle/Alluvial Interface
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)	Groundwater Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
GWM-2	01/28/21	2.00	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	02/28/21	2.00	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	03/31/21	2.00	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	04/26/21	2.00	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	05/20/21	2.00	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	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	11/02/22	2.00	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	12/06/22	2.00	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	01/11/23	2.00	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	02/28/23	2.00	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	03/31/23	2.00	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	04/13/23	2.00	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	05/15/23	2.00	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	6/2/2023	2.00	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface

**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)	Groundwater Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
GWM-3	01/28/21	2.00	19.15	ND	NA	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	02/28/21	2.00	19.15	ND	NA	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	03/31/21	2.00	19.15	ND	NA	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	04/26/21	2.00	19.15	ND	NA	DRY	DRY	NA	3 - 5	Chinle/Alluvial Interface
GWM-3	05/20/21	2.00	19.15	ND	NA	DRY	DRY	NA	3 - 15	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
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

**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)	Groundwater Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
KA-3	01/28/21	2.00	23.20	ND	NA	11.27	6,902.02	NA	15 - 25	Chinle/Alluvial Interface
KA-3	02/28/21	2.00	23.20	ND	NA	11.32	6,901.97	NA	15 - 25	Chinle/Alluvial Interface
KA-3	03/31/21	2.00	23.20	ND	NA	11.45	6,901.84	NA	15 - 25	Chinle/Alluvial Interface
KA-3	04/26/21	2.00	23.20	ND	NA	10.59	6,902.70	NA	15 - 25	Chinle/Alluvial Interface
KA-3	05/20/21	2.00	23.20	ND	NA	11.80	6,901.49	NA	15 - 25	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
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	10.66	6,901.86	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)	Groundwater Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
NAPIS-1	01/28/21	2.00	13.94	7.64	0.01	7.65	6,905.97	6905.98	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	02/27/21	2.00	13.94	7.66	0.05	7.71	6,905.91	6905.95	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	03/31/21	2.00	13.94	ND	NA	7.77	6,905.85	NA	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	04/26/21	2.00	13.94	ND	NA	7.58	6,906.04	NA	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	05/20/21	2.00	13.94	ND	NA	8.28	6,905.34	NA	3.7 - 13.7	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
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

**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)	Groundwater Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
NAPIS-2	01/28/21	2.00	14.62	ND	NA	9.91	6,903.49	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	02/27/21	2.00	14.65	ND	NA	9.90	6,903.50	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	03/31/21	2.00	14.65	ND	NA	10.07	6,903.33	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	04/26/21	2.00	14.71	ND	NA	9.89	6,903.51	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	05/20/21	2.00	14.74	ND	NA	9.71	6,903.69	NA	4.2 - 14.2	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
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

**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)	Groundwater Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
NAPIS-3	01/28/21	2.00	31.50	ND	NA	9.62	6,903.76	NA	25.4 - 30-4	Chinle/Alluvial Interface
NAPIS-3	02/28/21	2.00	31.50	ND	NA	9.71	6,903.67	NA	25.4 - 30-4	Chinle/Alluvial Interface
NAPIS-3	03/31/21	2.00	31.50	ND	NA	9.89	6,903.49	NA	25.4 - 30-4	Chinle/Alluvial Interface
NAPIS-3	04/26/21	2.00	31.50	ND	NA	9.51	6,903.87	NA	25.4 - 30-4	Chinle/Alluvial Interface
NAPIS-3	05/20/21	2.00	31.50	ND	NA	9.92	6,903.46	NA	25.4 - 30-4	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
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

**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)	Groundwater Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
OAPIS-1	01/28/21	2.00	28.00	ND	NA	10.62	6,903.75	NA	16 - 26	Chinle/Alluvial Interface
OAPIS-1	02/27/21	2.00	28.00	ND	NA	10.60	6,903.77	NA	16 - 26	Chinle/Alluvial Interface
OAPIS-1	03/31/21	2.00	28.00	ND	NA	11.12	6,903.25	NA	16 - 26	Chinle/Alluvial Interface
OAPIS-1	04/26/21	2.00	28.00	ND	NA	10.88	6,903.49	NA	16 - 26	Chinle/Alluvial Interface
OAPIS-1	05/20/21	2.00	28.00	ND	NA	11.52	6,902.85	NA	16 - 26	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
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
OW-1	02/27/21	4.00	99.39		NA	1.46	6,864.86	NA	89.3 - 99.3	Sonsela Sandstone

**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)	Groundwater Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
OW-10	01/28/21	4.00	66.30		NA	6.60	6,867.07	NA	40 - 60	Sonsela Sandstone
OW-10	02/28/21	4.00	66.30		NA	6.61	6,867.06	NA	40 - 60	Sonsela Sandstone
OW-10	03/31/21	4.00	66.30		NA	6.44	6,867.23	NA	40 - 60	Sonsela Sandstone
OW-10	04/26/21	4.00	66.30		NA	6.43	6,867.24	NA	40 - 60	Sonsela Sandstone
OW-10	05/20/21	4.00	66.30		NA	6.35	6,867.32	NA	40 - 60	Sonsela Sandstone
OW-10	06/03/21	4.00	66.30		NA	6.65	6,867.02	NA	40 - 60	Sonsela Sandstone
OW-10	07/06/21	4.00	66.30		NA	6.70	6,866.97	NA	40 - 60	Sonsela Sandstone
OW-10	08/25/21	4.00	66.30		NA	6.94	6,866.73	NA	40 - 60	Sonsela Sandstone
OW-10	09/09/21	4.00	66.30		NA	7.41	6,866.26	NA	40 - 60	Sonsela Sandstone
OW-10	12/03/21	4.00	66.30		NA	6.71	6,866.96	NA	40 - 60	Sonsela Sandstone
OW-10	03/01/22	4.00	66.30		NA	6.17	6,867.50	NA	40 - 60	Sonsela Sandstone
OW-10	06/01/22	4.00	66.30		NA	6.48	6,867.19	NA	40 - 60	Sonsela Sandstone
OW-12	01/28/21	4.00	131.20		NA	45.08	6,894.49	NA	117.8 - 137.8	Sonsela Sandstone
OW-13	02/27/21	4.00	99.15		NA	19.26	6,899.69	NA	78.2 - 98.2	Sonsela Sandstone
OW-29	02/27/21	4.00	51.05		NA	13.73	6,900.16	NA	37.5 - 47.5	Chinle/Alluvial Interface
OW-50	02/28/21	2.00	64.00		NA	12.74	6,899.89	NA	48 - 63	Chinle/Alluvial Interface
OW-52	02/27/21	2.00	77.74		NA	12.93	6,893.60	NA	64 - 79	Chinle/Alluvial Interface
OW-53	02/27/21	2.00	33.91		NA	#VALUE!	NA	NA	16 - 31	Chinle/Alluvial Interface
OW-54	02/27/21	2.00	31.06		NA	14.85	6,901.42	NA	13 - 28	Chinle/Alluvial Interface
OW-56	02/27/21	2.00	18.61		NA	10.51	6,907.10	NA	6 - 16	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)	Groundwater Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
OW-57	01/28/21	2.00	28.39	ND	NA	18.27	6,912.37	NA	15 - 25	Chinle/Alluvial Interface
OW-57	02/27/21	2.00	28.09	ND	NA	18.27	6,912.37	NA	15 - 25	Chinle/Alluvial Interface
OW-57	03/31/21	2.00	28.09	ND	NA	18.52	6,912.12	NA	15 - 25	Chinle/Alluvial Interface
OW-57	04/26/21	2.00	27.49	ND	NA	21.28	6,913.43	NA	15 - 25	Chinle/Alluvial Interface
OW-57	05/20/21	2.00	27.19	ND	NA	20.09	6,914.62	NA	15 - 25	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
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

**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)	Groundwater Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
OW-58	01/28/21	2.00	47.95	ND	NA	24.50	6,910.21	NA	38 - 48	Chinle/Alluvial Interface
OW-58	02/28/21	2.00	47.95	ND	NA	24.01	6,910.70	NA	38 - 48	Chinle/Alluvial Interface
OW-58	03/31/21	2.00	47.95	ND	NA	24.61	6,910.10	NA	38 - 48	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
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

**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)	Groundwater Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
OW-58A	01/28/21	4.00	36.38	ND	NA	23.76	6,909.63	NA	25 - 33	Chinle/Alluvial Interface
OW-58A	02/28/21	4.00	36.50	ND	NA	23.61	6,909.78	NA	25 - 33	Chinle/Alluvial Interface
OW-58A	03/31/21	4.00	36.50	ND	NA	23.85	6,909.54	NA	25 - 33	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
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-59	02/27/21	2.00	38.60		NA	21.38	6,865.02	NA	20 - 35	Chinle/Alluvial Interface
OW-60	01/28/21	2.00	45.70		NA	13.88	6,876.05	NA	25 - 45	Chinle/Alluvial Interface
OW-60	02/27/21	2.00	45.70		NA	13.90	6,876.03	NA	25 - 45	Chinle/Alluvial Interface
OW-60	03/31/21	2.00	45.70		NA	13.90	6,876.03	NA	25 - 45	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)	Groundwater Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
OW-61	01/28/21	4.00	30.81	16.74	0.65	17.19	6,942.10	6942.62	8 - 28	Chinle/Alluvial Interface
OW-61	02/27/21	4.00	31.83	16.50	1.21	17.51	6,941.78	6942.75	8 - 28	Chinle/Alluvial Interface
OW-61	03/31/21	4.00	31.83	16.43	2.46	18.69	6,940.60	6942.57	8 - 28	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
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

**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)	Groundwater Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
OW-62	01/28/21	4.00	31.27	20.98	0.30	21.17	6,912.04	6912.28	8 - 28	Chinle/Alluvial Interface
OW-62	02/27/21	4.00	31.67	21.05	0.33	21.27	6,911.94	6912.20	8 - 28	Chinle/Alluvial Interface
OW-62	03/31/21	4.00	31.67	21.08	0.31	21.28	6,911.93	6912.18	8 - 28	Chinle/Alluvial Interface
OW-62	04/26/21	4.00	32.47	21.05	0.17	21.22	6,911.99	6912.13	8 - 28	Chinle/Alluvial Interface
OW-62	05/20/21	4.00	32.87	20.92	0.64	21.56	6,911.65	6912.16	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
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

**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)	Groundwater Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
OW-63	01/28/21	4.00	32.22	ND	NA	18.15	6,912.72	NA	9 - 29	Chinle/Alluvial Interface
OW-63	02/27/21	4.00	32.22	ND	NA	18.13	6,912.74	NA	9 - 29	Chinle/Alluvial Interface
OW-63	03/31/21	4.00	32.22	ND	NA	18.28	6,912.59	NA	9 - 29	Chinle/Alluvial Interface
OW-63	04/26/21	4.00	32.22	ND	NA	18.40	6,912.47	NA	9 - 29	Chinle/Alluvial Interface
OW-63	05/20/21	4.00	32.22	ND	NA	18.52	6,912.35	NA	9 - 29	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
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

**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)	Groundwater Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
OW-64	01/28/21	4.00	27.35	ND	NA	5.77	6,937.55	NA	4 - 24	Chinle/Alluvial Interface
OW-64	02/27/21	4.00	27.35	ND	NA	5.52	6,937.80	NA	4 - 24	Chinle/Alluvial Interface
OW-64	03/31/21	4.00	27.35	ND	NA	5.60	6,937.72	NA	4 - 24	Chinle/Alluvial Interface
OW-64	04/26/21	4.00	27.35	ND	NA	5.51	6,937.81	NA	4 - 24	Chinle/Alluvial Interface
OW-64	05/20/21	4.00	27.35	ND	NA	5.31	6,938.01	NA	4 - 24	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
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

**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)	Groundwater Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
OW-65	01/28/21	4.00	42.50	24.00	5.12	28.87	6,921.08	6925.18	17 - 37	Chinle/Alluvial Interface
OW-65	02/27/21	4.00	41.75	23.78	7.30	30.83	6,919.12	6924.96	17 - 37	Chinle/Alluvial Interface
OW-65	03/31/21	4.00	41.75	24.77	6.48	31.00	6,918.95	6924.13	17 - 37	Chinle/Alluvial Interface
OW-65	04/26/21	4.00	40.25	25.13	5.94	31.07	6,918.88	6923.63	17 - 37	Chinle/Alluvial Interface
OW-65	05/20/21	4.00	39.50	25.28	7.01	32.29	6,917.66	6923.27	17 - 37	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
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

**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)	Groundwater Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
OW-66	09/02/21	4.00	27.75	ND	NA	15.66	6,904.14	NA	10 - 25	Chinle/Alluvial Interface
OW-66	12/01/21	4.00	27.75	ND	NA	15.30	6,904.50	NA	10 - 25	Chinle/Alluvial Interface
OW-66	03/02/22	4.00	27.75	ND	NA	15.19	6,904.61	NA	10 - 25	Chinle/Alluvial Interface
OW-66	06/02/22	4.00	27.75	ND	NA	15.66	6,904.14	NA	10 - 25	Chinle/Alluvial Interface
OW-66	09/07/22	4.00	27.75	ND	NA	16.26	6,903.54	NA	10 - 25	Chinle/Alluvial Interface
OW-66	10/04/22	4.00	27.75	ND	NA	16.08	6,903.72	NA	10 - 25	Chinle/Alluvial Interface
OW-66	11/03/22	4.00	27.75	ND	NA	16.15	6,903.65	NA	10 - 25	Chinle/Alluvial Interface
OW-66	12/27/22	4.00	27.75	ND	NA	16.45	6,903.35	NA	10 - 25	Chinle/Alluvial Interface
OW-66	1/11/2023	4.00	27.75	ND	NA	16.48	6,903.32	NA	10 - 25	Chinle/Alluvial Interface
OW-66	2/28/2023	4.00	27.75	16.48	0.60	17.08	6,902.72	6903.20	10 - 25	Chinle/Alluvial Interface
OW-66	3/6/2023	4.00	27.75	15.75	1.85	17.60	6,902.20	6903.68	10 - 25	Chinle/Alluvial Interface
OW-66	4/13/2023	4.00	27.75	15.78	2.02	17.80	6,902.00	NA	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

**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)	Groundwater Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
RW-1	01/28/21	4.00	43.45	29.74	0.35	27.13	6,915.73	6,916.01	25 - 40	Chinle/Alluvial Interface
RW-1	02/27/21	4.00	43.45	29.51	1.30	27.85	6,915.01	6,916.05	25 - 40	Chinle/Alluvial Interface
RW-1	03/31/21	4.00	43.45	29.66	2.11	28.81	6,914.05	6,915.74	25 - 40	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
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

**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)	Groundwater Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
RW-2	01/28/21	4.00	40.00	ND	NA	20.27	6,906.13	NA	26.1 - 36.1	Chinle/Alluvial Interface
RW-2	02/27/21	4.00	40.00	23.15	0.05	20.32	6,906.08	6,906.12	26.1 - 36.1	Chinle/Alluvial Interface
RW-2	03/31/21	4.00	40.00	23.45	0.15	20.72	6,905.68	6,905.80	26.1 - 36.1	Chinle/Alluvial Interface
RW-2	04/26/21	4.00	40.00	20.92	0.14	21.06	6,905.34	6,905.45	26.1 - 36.1	Chinle/Alluvial Interface
RW-2	05/20/21	4.00	40.00	21.64	0.09	21.73	6,904.67	6,904.74	26.1 - 36.1	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
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)	Groundwater Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
RW-5	01/28/21	4.00	39.51	33.04	1.56	31.94	6,909.59	6,910.84	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	02/27/21	4.00	39.51	31.64	0.63	29.61	6,911.92	6,912.42	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	03/31/21	4.00	39.51	30.72	1.49	29.55	6,911.98	6,913.17	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	04/26/21	4.00	39.51	28.39	1.33	29.72	6,911.81	6,912.87	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	05/20/21	4.00	39.51	28.72	0.14	28.86	6,912.67	6,912.78	29.5 - 39.5	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
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

**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)	Groundwater Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
RW-6	01/28/21	4.00	40.85	27.86	2.90	31.07	6,910.89	6,913.21	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	02/27/21	4.00	40.85	28.09	3.23	31.63	6,910.33	6,912.91	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	03/31/21	4.00	40.85	29.24	0.10	29.65	6,912.31	6,912.39	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	04/26/21	4.00	40.85	29.53	0.03	29.56	6,912.40	6,912.42	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	05/20/21	4.00	40.85	29.56	0.03	29.59	6,912.37	6,912.39	28.5 - 38.5	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
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

**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)	Groundwater Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
STP1-NW	01/28/21	2.00	50.56	ND	NA	20.79	6,883.71	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	02/28/21	2.00	49.85	ND	NA	20.63	6,883.87	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	03/31/21	2.00	49.85	ND	NA	21.98	6,882.52	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	04/26/21	2.00	48.43	ND	NA	20.84	6,883.66	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	05/20/21	2.00	47.72	ND	NA	22.22	6,882.28	NA	20 - 50	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
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

**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)	Groundwater Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
STP1-SW	02/28/21	2.00	29.15	27.98	0.02	29.14	6,883.26	6,883.28	15 - 30	Chinle/Alluvial Interface
STP1-NW	03/31/21	2.00	29.15	27.98	0.05	29.17	6,883.23	6,883.27	15 - 30	Chinle/Alluvial Interface
STP1-SW	04/26/21	2.00	29.16	ND	NA	28.98	6,883.42	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	05/22/21	2.00	29.16	ND	NA	29.72	6,882.68	NA	15 - 30	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
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

**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)	Groundwater Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
OW-70	09/08/21	2.00	47.70	ND	NA	28.53	6,914.54	NA	32 - 47	Chinle/Alluvial Interface
OW-70	12/16/21	2.00	47.37	ND	NA	28.71	6,914.36	NA	32 - 47	Chinle/Alluvial Interface
OW-70	03/02/22	2.00	47.37	ND	NA	28.76	6,914.31	NA	32 - 47	Chinle/Alluvial Interface
OW-70	06/01/22	2.00	47.37	ND	NA	29.24	6,913.83	NA	32 - 47	Chinle/Alluvial Interface
OW-70	09/02/22	2.00	47.37	ND	NA	29.41	6,913.66	NA	32 - 47	Chinle/Alluvial Interface
OW-70	10/05/22	2.00	47.37	ND	NA	29.53	6,913.54	NA	32 - 47	Chinle/Alluvial Interface
OW-70	11/02/22	2.00	47.37	ND	NA	29.62	6,913.45	NA	32 - 47	Chinle/Alluvial Interface
OW-70	12/14/22	2.00	47.37	ND	NA	29.07	6,914.00	NA	32 - 47	Chinle/Alluvial Interface
OW-70	01/11/23	2.00	47.37	ND	NA	29.10	6,913.97	NA	32 - 47	Chinle/Alluvial Interface
OW-70	02/27/23	2.00	47.37	ND	NA	29.42	6,913.65	NA	32 - 47	Chinle/Alluvial Interface
OW-70	03/07/23	2.00	47.37	ND	NA	29.71	6,913.36	NA	32 - 47	Chinle/Alluvial Interface
OW-70	04/13/23	2.00	47.37	ND	NA	29.10	6,913.97	NA	32 - 47	Chinle/Alluvial Interface
OW-70	05/16/23	2.00	47.37	ND	NA	29.24	6,913.83	NA	32 - 47	Chinle/Alluvial Interface
OW-70	06/02/23	2.00	47.37	ND	NA	29.75	6,913.32	NA	32 - 47	Chinle/Alluvial Interface
OW-12A	09/08/21	2.00	35.50	ND	NA	DRY	NA	NA	20 - 35	Chinle/Alluvial Interface
OW-12A	12/16/21	2.00	33.20	ND	NA	26.14	6,917.51	NA	20 - 35	Chinle/Alluvial Interface
OW-12A	03/02/22	2.00	33.20	ND	NA	26.25	6,917.40	NA	20 - 35	Chinle/Alluvial Interface
OW-12A	06/01/22	2.00	33.20	ND	NA	26.79	6,916.86	NA	20 - 35	Chinle/Alluvial Interface
OW-12A	09/02/22	2.00	33.20	ND	NA	26.61	6,917.04	NA	20 - 35	Chinle/Alluvial Interface
OW-12A	10/04/22	2.00	33.20	ND	NA	26.59	6,917.06	NA	20 - 35	Chinle/Alluvial Interface
OW-12A	11/03/22	2.00	33.20	ND	NA	26.65	6,917.00	NA	20 - 35	Chinle/Alluvial Interface
OW-12A	12/07/22	2.00	33.20	ND	NA	27.24	6,916.41	NA	20 - 35	Chinle/Alluvial Interface
OW-12A	01/11/23	2.00	33.20	ND	NA	26.63	6,917.02	NA	20 - 35	Chinle/Alluvial Interface
OW-12A	02/27/23	2.00	33.20	ND	NA	26.56	6,917.09	NA	20 - 35	Chinle/Alluvial Interface
OW-12A	03/07/23	2.00	33.20	ND	NA	26.00	6,917.65	NA	20 - 35	Chinle/Alluvial Interface
OW-12A	04/13/23	2.00	33.20	ND	NA	25.97	6,917.68	NA	20 - 35	Chinle/Alluvial Interface
OW-12A	05/16/23	2.00	33.20	ND	NA	26.71	6,916.94	NA	20 - 35	Chinle/Alluvial Interface
OW-12A	06/02/23	2.00	33.20	ND	NA	26.97	6,916.68	NA	20 - 35	Chinle/Alluvial Interface

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. April 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)	Total Fluids Pumped/ Recovered (gal)	Water Volume Recovered (gal)	Product Volume Recovered (gal)	Total Depth (ft) ¹	Casing Diameter (in)	Comments
MKTF-03	NA	NA	NA	Vac Truck	NA	0.74	0.00	0.00	0.000	18.64	4	Could not access due to mud
MKTF-03	NA	NA	NA	Post Recovery	NA							Could not access due to mud
MKTF-05	NA	NA	NA	Vac Truck	NA	0.74	0.00	0.00	0.000	17.75	4	Could not access due to mud
MKTF-05	NA	NA	NA	Post Recovery	NA							Could not access due to mud
MKTF-06	NA	NA	NA	Vac Truck	NA	0.74	0.00	0.00	0.000	23.86	4	Could not access due to mud
MKTF-06	NA	NA	NA	Post Recovery	NA							Could not access due to mud
MKTF-07	NA	NA	NA	Vac Truck	NA	0.74	0.00	0.00	0.000	17.85	4	Could not access due to mud
MKTF-07	NA	NA	NA	Post Recovery	NA							Could not access due to mud
MKTF-08	NA	NA	NA	Vac Truck	NA	0.74	0.00	0.00	0.000	22.03	4	Could not access due to mud
MKTF-08	NA	NA	NA	Post Recovery	NA							Could not access due to mud
MKTF-13	NA	NA	NA	Vac Truck	NA	0.74	0.00	0.00	0.000	21.75	4	Could not access due to mud
MKTF-13	NA	NA	NA	Post Recovery	NA							Could not access due to mud
MKTF-14	NA	NA	NA	Vac Truck	NA	0.74	0.00	0.00	0.000	17.58	4	Could not access due to mud
MKTF-14	NA	NA	NA	Post Recovery	NA							Could not access due to mud
MKTF-15	NA	NA	NA	Vac Truck	NA	0.16	0.00	0.00	0.000	19.61	2	Could not access due to mud
MKTF-15	NA	NA	NA	Post Recovery	NA							Could not access due to mud
MKTF-17R	NA	NA	NA	Vac Truck	NA	0.16	0.00	0.00	0.000	20.50	2	Could not access due to mud
MKTF-17R	NA	NA	NA	Post Recovery	NA							Could not access due to mud
MKTF-19	NA	NA	NA	Vac Truck	NA	0.16	0.00	0.00	0.000	19.45	2	Could not access due to mud
MKTF-19	NA	NA	NA	Post Recovery	NA							Could not access due to mud
MKTF-22	NA	NA	NA	Vac Truck	NA	0.16	0.00	0.00	0.000	35.70	2	Could not access due to mud
MKTF-22	NA	NA	NA	Post Recovery	NA							Could not access due to mud
MKTF-39	NA	NA	NA	Vac Truck	NA	0.16	0.00	0.00	0.000	15.20	2	Could not access due to mud
MKTF-39	NA	NA	NA	Post Recovery	NA							Could not access due to mud
MKTF-49	4/13/2023	20.52	22.85	Vac Truck	2.33	0.16	0.73	0.35	0.380	25.02	2	
MKTF-49	4/14/2023	20.32	22.64	Post Recovery	2.32							
						Total Extracted (gal)	0.73	0.35	0.38			

Notes:

¹ = depth recorded from the top of the well casing

DTP = Depth to product

DTW = Depth to water

SPH = Separate Phase Hydrocarbon

NA = Not Applicable

ft = feet

gal = gallons

in = inches

Vac = Vacuum

**TABLE 4B. APRIL 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)	Total Fluids Pumped/ Recovered (gal)	Water Volume Recovered (gal)	Product Volume Recovered (gal)	Total Depth (ft) ¹	Casing Diameter (in)	Comments
OW-58A	4/13/2023	27.45	34.05	Vac Truck	6.60	0.74	6.59	1.70	4.884	36.4	4	
OW-58A	4/14/2023	28.40	32.62	Post Recovery	4.22							
OW-61	4/13/2023	24.95	28.90	Vac Truck	3.95	0.74	7.33	4.41	2.923	34.9	4	
OW-61	4/14/2023	26.98	27.31	Post Recovery	0.33							
OW-65	4/13/2023	32.95	33.05	Vac Truck	0.10	0.74	4.85	4.78	0.074	39.5	4	
OW-65	4/14/2023	33.53	33.85	Post Recovery	0.32							
RW-1	NA	NA	NA	Vac Truck	NA	0.74	0.00	0.00	0.000	43.5	4	Could not access due to mud
RW-1	NA	NA	NA	Post Recovery	NA							Could not access due to mud
RW-2R	NA	NA	NA	Vac Truck	NA	0.74	0.00	0.00	0.000	31.5	4	Could not access due to mud
RW-2R	NA	NA	NA	Post Recovery	NA							Could not access due to mud
RW-5	4/13/2023	31.95	33.36	Vac Truck	1.41	0.74	5.59	4.54	1.043	39.5	4	
RW-5	4/14/2023	32.80	34.65	Post Recovery	1.85							
RW-6	4/13/2023	32.20	33.75	Vac Truck	1.55	0.74	6.40	5.25	1.147	40.9	4	
RW-6	4/14/2023	32.63	33.50	Post Recovery	0.87							
						Total Extracted (gal)	30.76	20.69	10.07			

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 4C. MAY 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)	Total Fluids Pumped/Recovered (gal)	Water Volume Recovered (gal)	Product Volume Recovered (gal)	Total Depth (ft) ¹	Casing Diameter (in)	Comments
MKTF-03	NA	NA	NA	Vac Truck	NA	0.74	0.00	0.00	0.000	18.64	4	Vac Truck Maintenance Issue
MKTF-03	NA	NA	NA	Post Recovery	NA							Vac Truck Maintenance Issue
MKTF-05	NA	NA	NA	Vac Truck	NA	0.74	0.00	0.00	0.000	17.75	4	Could not access due to road wash-out
MKTF-05	NA	NA	NA	Post Recovery	NA							Could not access due to road wash-out
MKTF-06	NA	NA	NA	Vac Truck	NA	0.74	0.00	0.00	0.000	23.86	4	Could not access due to mud
MKTF-06	NA	NA	NA	Post Recovery	NA							Could not access due to mud
MKTF-07	5/31/2023	14.52	14.80	Vac Truck	0.28	0.74	0.00	0.00	0.000	17.85	4	
MKTF-07	6/1/2023	14.60	14.90	Post Recovery	0.30							
MKTF-08	5/31/2023	15.30	15.45	Vac Truck	0.15	0.74	0.00	0.00	0.000	22.03	4	
MKTF-08	6/1/2023	15.23	15.40	Post Recovery	0.17							
MKTF-13	5/4/2023	13.09	16.85	Vac Truck	3.76	0.74	0.00	0.00	0.000	21.75	4	
MKTF-13	5/5/2023	13.43	17.82	Post Recovery	4.39							
MKTF-14	5/4/2023	7.80	7.85	Vac Truck	0.05	0.74	0.00	0.00	0.000	17.58	4	
MKTF-14	5/5/2023	7.83	8.88	Post Recovery	1.05							
MKTF-15	5/31/2023	14.10	14.36	Vac Truck	0.26	0.16	0.00	0.00	0.000	19.61	2	
MKTF-15	6/1/2023	14.11	14.33	Post Recovery	0.22							
MKTF-17R	5/31/2023	12.38	12.55	Vac Truck	0.17	0.16	0.00	0.00	0.000	20.50	2	
MKTF-17R	6/1/2023	12.38	12.41	Post Recovery	0.03							
MKTF-19	5/31/2023	13.78	14.20	Vac Truck	0.42	0.16	0.00	0.00	0.000	19.45	2	
MKTF-19	6/1/2023	13.80	13.93	Post Recovery	0.13							
MKTF-22	NA	NA	NA	Vac Truck	NA	0.16	0.00	0.00	0.000	35.70	2	Vac Truck Maintenance Issue
MKTF-22	NA	NA	NA	Post Recovery	NA							Vac Truck Maintenance Issue
MKTF-39	5/31/2023	10.38	10.80	Vac Truck	0.42	0.16	0.00	0.00	0.000	15.20	2	
MKTF-39	6/2/2023	9.98	10.40	Post Recovery	0.42							
MKTF-49	5/4/2023	21.78	22.68	Vac Truck	0.90	0.16	0.00	0.00	0.000	25.02	2	
MKTF-49	5/5/2023	21.40	22.44	Post Recovery	1.04							
						Total Extracted (gal)	0.00	0.00	0.00			

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 4D. MAY 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)	Total Fluids Pumped/Recovered (gal)	Water Volume Recovered (gal)	Product Volume Recovered (gal)	Total Depth (ft) ¹	Casing Diameter (in)	Comments
OW-58A	5/4/2023	27.90	33.54	Vac Truck	5.64	0.74	0.00	0.00	0.000	36.4	4	
OW-58A	5/5/2023	28.81	32.72	Post Recovery	3.91							
OW-61	5/31/2023	25.02	28.95	Vac Truck	3.93	0.74	0.00	0.00	0.000	34.9	4	
OW-61	6/2/2023	24.95	26.16	Post Recovery	1.21							
OW-65	5/31/2023	32.90	33.02	Vac Truck	0.12	0.74	0.00	0.00	0.000	39.5	4	
OW-65	6/2/2023	33.36	33.53	Post Recovery	0.17							
OW-66	5/4/2023	18.29	20.32	Vac Truck	2.03	0.16	0.00	0.00	0.000	25.0	2	
OW-66	5/5/2023	19.23	20.12	Post Recovery	0.89							
RW-1	NA	NA	NA	Vac Truck	NA	0.74	0.00	0.00	0.000	43.5	4	Could not access due to mud
RW-1	NA	NA	NA	Post Recovery	NA							Could not access due to mud
RW-2R	5/31/2023	24.95	26.90	Vac Truck	1.95	0.74	0.00	0.00	0.000	31.5	4	
RW-2R	6/2/2023	25.40	25.70	Post Recovery	0.30							
RW-5	5/4/2023	30.10	33.50	Vac Truck	3.40	0.74	0.00	0.00	0.000	39.5	4	
RW-5	5/5/2023	31.88	33.96	Post Recovery	2.08							
RW-6	5/4/2023	32.35	33.90	Vac Truck	1.55	0.74	0.00	0.00	0.000	40.9	4	
RW-6	5/5/2023	32.98	33.98	Post Recovery	1.00							
						Total Extracted (gal)	0.00	0.00	0.00			

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. JUNE 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)	Total Fluids Pumped/Recovered (gal)	Water Volume Recovered (gal)	Product Volume Recovered (gal)	Total Depth (ft) ¹	Casing Diameter (in)	Comments
MKTF-03	6/27/2023	7.85	10.20	Vac Truck	2.35	0.74	7.98	6.25	1.739	18.64	4	
MKTF-03	6/28/2023	6.98	9.95	Post Recovery	2.97							
MKTF-05	6/27/2023	15.50	16.05	Vac Truck	0.55	0.74	1.67	1.26	0.407	17.75	4	
MKTF-05	6/28/2023	14.14	15.58	Post Recovery	1.44							
MKTF-06	6/14/2023	18.46	20.35	Vac Truck	1.89	0.74	4.00	2.60	1.399	23.86	4	
MKTF-06	6/15/2023	17.23	18.69	Post Recovery	1.46							
MKTF-07	6/14/2023	14.72	14.92	Vac Truck	0.20	0.74	2.32	2.17	0.148	17.85	4	
MKTF-07	6/15/2023	14.60	14.90	Post Recovery	0.30							
MKTF-08	6/14/2023	15.60	15.81	Vac Truck	0.21	0.74	4.76	4.60	0.155	22.03	4	
MKTF-08	6/15/2023	15.23	15.40	Post Recovery	0.17							
MKTF-13	6/12/2023	14.85	17.50	Vac Truck	2.65	0.74	5.11	3.15	1.961	21.75	4	
MKTF-13	6/13/2023	13.60	17.19	Post Recovery	3.59							
MKTF-14	6/12/2023	8.05	8.45	Vac Truck	0.40	0.74	7.05	6.76	0.296	17.58	4	
MKTF-14	6/13/2023	7.93	8.34	Post Recovery	0.41							
MKTF-15	6/27/2023	14.32	14.80	Vac Truck	0.48	0.16	0.86	0.78	0.078	19.61	2	
MKTF-15	6/28/2023	14.11	14.33	Post Recovery	0.22							
MKTF-17R	6/27/2023	12.50	12.65	Vac Truck	0.15	0.16	1.30	1.28	0.024	20.50	2	
MKTF-17R	6/28/2023	12.38	12.41	Post Recovery	0.03							
MKTF-19	NA	NA	NA	Vac Truck	NA	0.16	0.00	0.00	0.000	19.45	2	Vac Truck Maintenance Issue
MKTF-19	NA	NA	NA	Post Recovery	NA							Vac Truck Maintenance Issue
MKTF-22	6/27/2023	25.95	28.13	Vac Truck	2.18	0.16	1.59	1.23	0.355	35.70	2	
MKTF-22	6/28/2023	25.71	28.03	Post Recovery	2.32							
MKTF-39	NA	NA	NA	Vac Truck	NA	0.16	0.00	0.00	0.000	15.20	2	Vac Truck Maintenance Issue
MKTF-39	NA	NA	NA	Post Recovery	NA							Vac Truck Maintenance Issue
MKTF-49	6/27/2023	13.70	14.24	Vac Truck	0.54	0.16	1.85	1.76	0.088	25.02	2	
MKTF-49	6/28/2023	21.51	22.38	Post Recovery	0.87							
						Total Extracted (gal)	38.48	31.83	6.65			

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 4F. JUNE 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)	Total Fluids Pumped/Recovered (gal)	Water Volume Recovered (gal)	Product Volume Recovered (gal)	Total Depth (ft) ¹	Casing Diameter (in)	Comments
OW-58A	6/8/2023	27.97	34.00	Vac Truck	6.03	0.74	6.20	1.74	4.462	36.4	4	
OW-58A	6/9/2023	28.60	31.76	Post Recovery	3.16							
OW-61	6/8/2023	24.99	26.14	Vac Truck	1.15	0.74	7.30	6.45	0.851	34.9	4	
OW-61	6/9/2023	25.12	25.53	Post Recovery	0.41							
OW-65	6/8/2023	33.45	33.51	Vac Truck	0.06	0.74	4.48	4.44	0.044	39.5	4	
OW-65	6/9/2023	33.36	33.51	Post Recovery	0.15							
OW-66	6/8/2023	17.55	20.58	Vac Truck	3.03	0.16	1.21	0.72	0.494	25.0	2	
OW-66	6/9/2023	18.57	20.53	Post Recovery	1.96							
RW-1	6/12/2023	31.60	35.43	Vac Truck	NA	0.74	8.77	5.93	2.834	43.5	4	
RW-1	6/13/2023	32.15	32.19	Post Recovery	NA							
RW-2R	6/8/2023	25.45	25.77	Vac Truck	NA	0.74	4.48	4.24	0.237	31.5	4	
RW-2R	6/9/2023	25.45	25.51	Post Recovery	NA							
RW-5	6/12/2023	32.25	33.60	Vac Truck	1.35	0.74	5.37	4.37	0.999	39.5	4	
RW-5	6/13/2023	32.16	33.48	Post Recovery	1.32							
RW-6	6/12/2023	32.50	34.03	Vac Truck	1.53	0.74	6.18	5.05	1.132	40.9	4	
RW-6	6/13/2023	32.31	33.85	Post Recovery	1.54							
						Total Extracted (gal)	35.48	25.77	9.71			

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

CONDITIONS

Action 244753

CONDITIONS

Operator: Western Refining Southwest LLC 539 South Main Street Findlay, OH 45840	OGRID: 267595
	Action Number: 244753
	Action Type: [UF-DP] Discharge Permit (DISCHARGE PERMIT)

CONDITIONS

Created By	Condition	Condition Date
joel.stone	Approved for OCD record retention purposes.	2/14/2025