

**Western Refining Southwest LLC**

A subsidiary of Marathon Petroleum Corporation

I-40 Exit 39

Jamestown, NM 87347

October 21, 2022

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

RE: Hydrocarbon Seep Interim Measures 2022 Third Quarter Status Report
Western Refining Southwest LLC
(D/B/A Marathon Gallup Refinery)
EPA ID# NMD000333211

Dear Mr. Shean,

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 third quarter of 2022. This document provides the status report for Interim Measures (IM) activities associated with the Hydrocarbon Seep Area. Presented below are summaries of specific activities related to source control of the Hydrocarbon Seep Area, monthly fluid levels readings, and withdrawal of separate phase hydrocarbon (SPH) and associated groundwater. In addition, this document presents fluid recovery information from the marketing tank farm (MKTF) wells in the area of the truck loading rack release as well as summaries of recovery efforts in the area of the Borrow Pit Sumps.

Hydrocarbon Seep 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 3rd quarter of 2022. Activities and observations of note for the Hydrocarbon Seep Area include:

- There were 14,000 gallons (gals) of water and no measurable SPH recovered from the standpipe sumps (S1 – S6) during the 3rd quarter.
- There was no fluid recovery from the retention ditch during this quarter because there was no standing fluid.

The Hydrocarbon Seep Area is shown on Figure 1. Standpipe and retention ditch data are presented in Tables 1A and 1B.

Monthly Fluid Levels

Monthly fluid level data for the MKTF and refinery areas are found in Tables 2A and 2B. Compared to the 2nd quarter of 2022, there was less than a foot of fluid level change in monitored wells except for MKTF-29 (-1.7 feet [ft]), MKTF-39 (+1.02 ft), and MKTF-40 (+1.45 ft). Wells MKTF-10, and MKTF-35 had measurable product for the first time during the



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3rd quarter, all with a thickness less than 0.3 ft. MKTF-10 and MKTF-35 are upgradient of the Hydrocarbon Seep Area.

Fluid Recovery

Fluid recovery in MKTF wells upgradient of the Hydrocarbon Seep Area, with recoverable SPH, continued during the 3rd quarter of 2022 using a vacuum truck. A total of 201.9 gals of water and 28.5 gals of SPH were extracted in the 3rd quarter. The SPH extraction data are shown in Tables 3A through 3F. As requested in Comment 2 in New Mexico Environmental Department (NMED) "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 3A through 3F.

Fluid recovery was conducted at the listed wells: MKTF-5, MKTF-6, MKTF-7, MKTF-8, MKTF-13, MKTF-14, MKTF-17R, MKTF-20, MKTF-22, MKTF-26, MKTF-33, MKTF-39, MKTF-45, MKTF-49, OW-61, OW-65, RW-1, RW-2R, RW-5, and RW-6. These wells were chosen for fluid recovery based on historical and persistent presence of recoverable SPH, exceptions being MKTF-17R, MKTF-39, MKTF-49, and RW-2R. Fluid recovery in MKTF-17R was conducted based on the historical presence of SPH in MKTF-17 prior to it being plugged and abandoned. MKTF-39 and MKTF-49 recovery efforts began when SPH thickness exceeded 1 ft during the 3rd quarter of 2021. RW-2R extraction efforts are based on SPH presence since installation and the historical SPH presence in RW-2 prior to it being plugged and abandoned.

As noted by NMED in "Approval with Modifications, Hydrocarbon Seep IM 2021 Fourth Quarter Status Report", Comment #3, there has been fluid extraction from wells that did not detect SPH at the time of extraction and continued through the third quarter. For future events, wells will be evaluated each quarter for the next quarter's fluid recovery. Wells containing less than 0.1 ft of product for the duration of the quarter will be removed from fluid recovery. Wells showing more than 1 ft of SPH will be added to the extraction list. Accordingly, for the fourth quarter of 2022, the following wells will be removed from fluid recovery: MKTF-20, MKTF-26, MKTF-33. The following wells will be added for fluid recovery: MKTF-03, MKTF-15, MKTF-19, and MKTF-48.

Surface 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 discharges have been observed within the retention ditch and to the south near the original seep location. The measurable amount of SPH discharging into the retention ditch has essentially stopped. 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 3rd quarter and was found to be dry and had no evidence of SPH.



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Borrow Pit Activities

Five sumps (S-1 through S-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 (Figure 2). Vacuum-truck fluid recovery from these sumps began on May 10, 2021. An additional 3 sumps (S-6 through S-8) and an additional 2 piezometers (PZ-3 and PZ-4) were installed in January 2022. Fluid recovery from the additional sumps, S-6, S-7, and S-8, began on January 10, 2022. Fluid recovery from the sumps is conducted four days a week, weather permitting. On average, SPH thickness in all sumps and piezometers stayed the same over the third quarter (Table 4). Sumps S-1, S-2, and S-3 have contained measurable SPH since installation on April 16, 2021. The additional sumps, S-6 and S-7, and piezometers, PZ-3 and PZ-4, have contained measurable SPH since installation on January 24, 2022. Other sumps and the piezometers did not contain measurable SPH immediately after installation. SPH was first detected in S-4 and S-5 in September 2021. SPH was first detected in S-8 on February 8, 2022, and has have been detected sporadically since that time with a maximum thickness of 0.02 ft in the third quarter. No SPH has been detected in PZ-1 or PZ-2 since installation. An estimated total of 169 gals of SPH and 2,135 gals of water were recovered from July 5, 2022, through September 29, 2022. Prior to November 23, 2021, fluid recovery was calculated based on sump depths, widths, and fluid level data. This data has been removed from the report as requested by NMED in Comment 4 “Approval with Modifications, Hydrocarbon Seep IM 2021 Fourth Quarter Status Report”, dated June 6, 2022. Since November 23, 2021, the recovered fluids are stored in a tote and measured once a week for improved accuracy in measuring recovered fluid volumes.

4th Quarter 2022 IM Activities

Following is a list of activities that are associated with ongoing IM activities that are planned for the 4th quarter 2022.

Monitoring – Monthly groundwater gauging will continue through 2022. The water seep near the 90-day pad will be monitored for SPH monthly.

Hydrocarbon Seep Area Source Control – The Refinery will continue recovery operations at the standpipe sumps and the retention ditch using a vacuum truck to pump SPH and water from each of the sumps and the downstream retention ditch (when fluid is present in the retention ditch). The fluid volumes in the standpipe sumps and retention ditch will continue to be monitored and recovery efforts will be adjusted as necessary.

Borrow Pit Seep Area – Recovery operations will continue in the borrow pit sumps, including the additional sumps, at a rate of four times per week (weather permitting).

Investigations – The following investigative activities that pertain to seeps and releases in the area of the Hydrocarbon Seep area have been competed or are expected to be scheduled for 2022, pending approval of work plans.

- **Sour Naphtha Investigation** – The Sour Naphtha Investigation was conducted during the week of May 16, 2022, to investigate the extent of impacts from the March 26, 2017, sour naphtha release. The Sour Naphtha Investigation Report will be submitted to NMED by December 31, 2022.

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- **The Heat Exchanger Bundle Pad** – The Heat Exchanger Bundle Pad Investigation was conducted the week of May 16, 2022, to evaluate the source of benzene exceedances found in MKTF-16. The Heat Exchanger Bundle Pad Investigation Report will be submitted by December 31, 2022.
- **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.

If you have any questions or comments regarding the information contained herein, please do not hesitate to contact John Moore at (505) 879-7643.

Certification

I certify under penalty of law that this document and all attachments were prepared under my direction 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

A handwritten signature in black ink that reads "Ruth A. Cade".

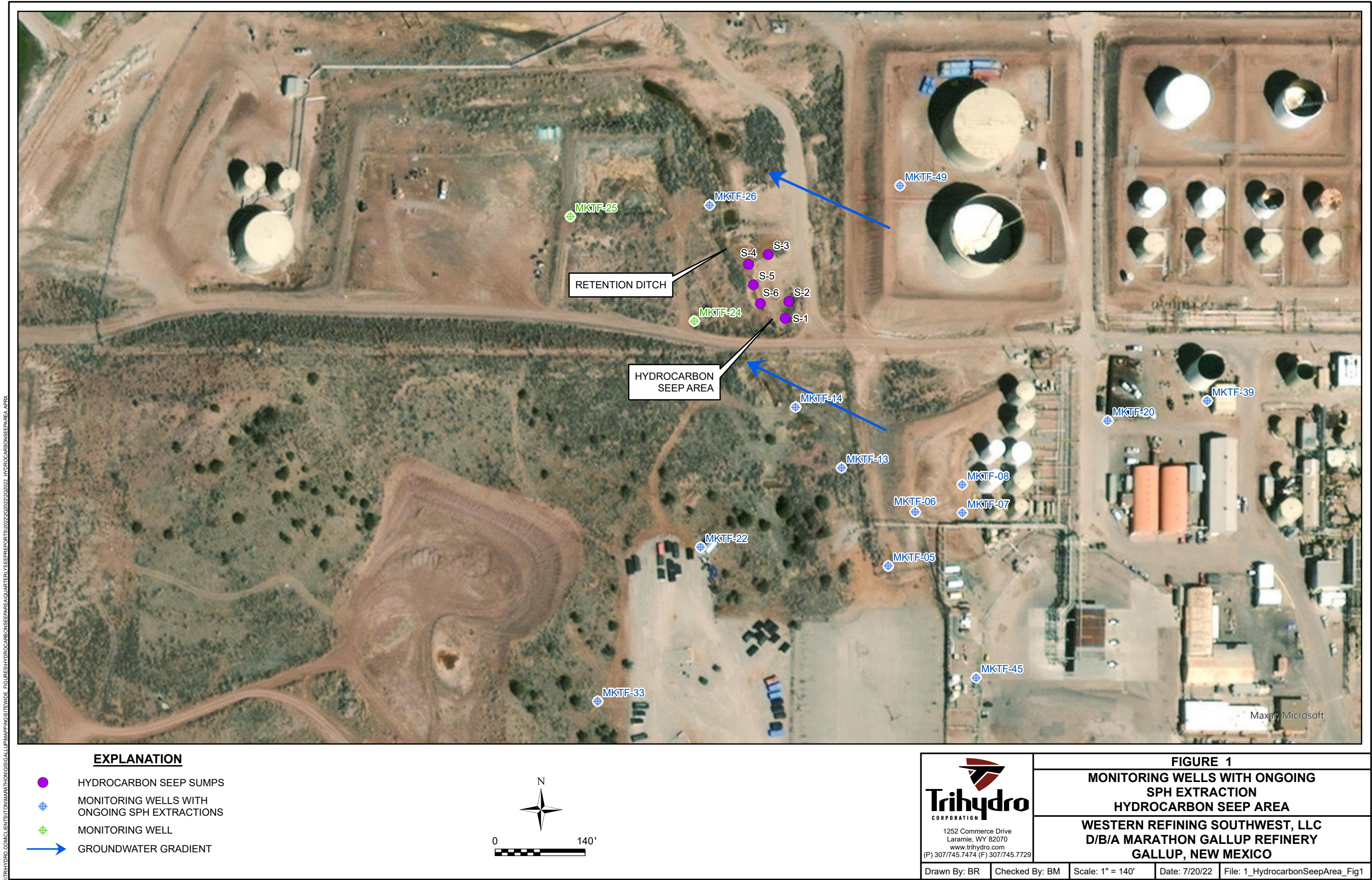
Ruth Cade
Vice-President

Enclosure

cc: D. Cobrain, NMED HWB
L. Andress, NMED HWB
M. Bracey, MPC
J. Moore, Gallup Refinery
H. Jones, Trihydro Corporation

M. Suzuki, NMED HWB
L. Barr, OCD
K. Luka, MPC

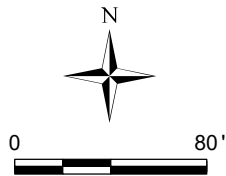
Figures





EXPLANATION

- EXISTING SUMP LOCATION
- NEW SUMP LOCATION
- MONITORING WELL LOCATION
- EXISTING PIEZOMETER LOCATION
- NEW PIEZOMETER LOCATION
- SITE FEATURE



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FIGURE 2

BORROW PIT SUMPS

**WESTERN REFINING SOUTHWEST, LLC
D/B/A MARATHON GALLUP REFINERY
GALLUP, NEW MEXICO**

Drawn By: BR Checked By: MS Scale: 1" = 80' Date: 4/11/22 File: 2_SumpPiez_BorrowPit_Fig2.mxd

\\TRIHYRO.COM\CLIENTS\ONMARATHONGALLUP\WAPPING\GISTE\WIDE FIGURES\HYDROCARBONSEEPAREA\QUARTERLYSEEPREPORTS\2021\Q2\2021Q2_SUMPIEZ_BORROWPIT_FIG2.MXD

Tables

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

DATE	hydrocarbon recovered (gallons)	water pumped (gallons)	total fluid pumped (gallons)
2013 Totals	2,762	115,935	118,697
2014 Totals	2,108	242,182	244,290
2015 Totals	1,071	188,634	189,707
2016 Totals	8,668	357,619	366,287
2017 Totals	4,238	365,712	369,950
2018 Totals	162	279,538	279,700
2019 Totals	-	158,943	158,943
2020 Totals	-	7,500	7,500
2021 Totals	-	55,450	55,450
2022 Recovery Volumes			
1/12/2022	-	4,000	4,000
2/8/2022	-	4,200	4,200
3/9/2022	-	6,000	6,000
1st Quarter 2022 Totals	-	14,200	14,200
4/20/2022	-	5,900	5,900
5/10/2022	-	5,000	5,000
6/27/2022	-	4,500	4,500
2nd Quarter 2022 Totals	-	15,400	15,400
7/20/2022	-	5,000	5,000
8/10/2022	-	4,500	4,500
9/20/2022	-	4,500	4,500
3rd Quarter 2022 Totals	-	14,000	14,000
Project Totals	19,009	1,815,113	1,834,124

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

DATE	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
1st Quarter 2022 Totals	Dry	Dry	Dry
2nd Quarter 2022 Totals	Dry	Dry	Dry
3rd Quarter 2022 Totals	Dry	Dry	Dry
Project Totals	173	648,181	4,326

TABLE 2A. 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

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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

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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

TABLE 2A. 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

TABLE 2A. 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

TABLE 2A. 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	8 - 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

TABLE 2A. 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

TABLE 2A. 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

TABLE 2A. 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	7 - 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

TABLE 2A. 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

TABLE 2A. 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

TABLE 2A. 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

TABLE 2A. 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

TABLE 2A. 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

TABLE 2A. 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

TABLE 2A. 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

TABLE 2A. 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

TABLE 2A. 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	10 - 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

TABLE 2A. 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

TABLE 2A. 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	2 - 10	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

TABLE 2A. FLUID LEVEL MEASUREMENTS FOR WELLS MKTF-1 THROUGH MKTF-50
WESTERN REFINING SOUTHWEST, LLC
D/B/A MARATHON GALLUP REFINERY, GALLUP, NEW MEXICO

Well ID Number	Inspection or Sample Date	Casing Diameter (Inch)	Total Well Depth (ft)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Ground-water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
MKTF-21	02/28/21	4.00	8.87	ND	NA	7.92	6,944.76	NA	2 - 10	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

TABLE 2A. 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

TABLE 2A. 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

TABLE 2A. 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	19 - 28	Chinle/Alluvium Interface
MKTF-24	08/08/22	2.00	31.40	19.63	0.08	19.71	6,906.36	6906.42	20 - 28	Chinle/Alluvium Interface
MKTF-24	09/01/22	2.00	31.40	20.88	0.02	20.90	6,905.17	6905.19	21 - 28	Chinle/Alluvium Interface

TABLE 2A. 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

TABLE 2A. 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

TABLE 2A. 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	1 - 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

TABLE 2A. 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

TABLE 2A. 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

TABLE 2A. 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

TABLE 2A. 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

TABLE 2A. 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- 26	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

TABLE 2A. 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

TABLE 2A. 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 - 24	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	10 - 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	11 - 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	12 - 24	Chinle/Alluvium Interface

TABLE 2A. 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	NA	6 - 16	Chinle/Alluvium Interface
MKTF-35	09/01/22	2.00	16.52	10.16	0.05	10.21	6,941.69	NA	6 - 16	Chinle/Alluvium Interface

TABLE 2A. 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

TABLE 2A. 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

**TABLE 2A. 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

TABLE 2A. 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

**TABLE 2A. 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

TABLE 2A. 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

TABLE 2A. 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

TABLE 2A. 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

**TABLE 2A. 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

TABLE 2A. 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

TABLE 2A. 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

TABLE 2A. 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

TABLE 2A. 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

TABLE 2A. 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	06/01/21	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

**TABLE 2A. 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	11/02/22	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	21.75	12.87	0.31	13.18	6,926.50	6926.75	3 - 18	Chinle/Alluvium Interface
MKTF-50	07/06/22	2.00	21.79	12.66	0.23	12.89	6,926.79	6926.97	3 - 18	Chinle/Alluvium Interface
MKTF-50	08/08/22	2.00	21.83	12.82	0.30	13.12	6,926.56	6926.80	3 - 18	Chinle/Alluvium Interface
MKTF-50	09/01/22	2.00	21.87	12.76	0.29	13.05	6,926.63	6926.86	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 2B. 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)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Depth to Water (ft) TOC	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
GWM-1	04/26/21	2.00	26.40	22.14	19.75	0.84	20.59	22.98	6,889.63	6890.30	17.5 - 23.5	Chinle/Alluvial Interface
GWM-1	05/20/21	2.00	26.40	21.66	19.27	1.26	20.53	22.92	6,889.69	6890.70	17.5 - 23.5	Chinle/Alluvial Interface
GWM-1	06/02/21	2.00	26.40	21.26	18.87	1.41	20.28	22.67	6,889.94	6891.07	17.5 - 23.5	Chinle/Alluvial Interface
GWM-1	07/06/21	2.00	26.40	20.90	18.51	1.15	19.66	22.05	6,890.56	6891.48	17.5 - 23.5	Chinle/Alluvial Interface
GWM-1	08/25/21	2.00	26.40	21.20	18.81	1.23	20.04	22.43	6,890.18	6891.16	17.5 - 23.5	Chinle/Alluvial Interface
GWM-1	09/09/21	2.00	26.40	21.24	18.85	1.23	20.08	22.47	6,890.14	6891.12	17.5 - 23.5	Chinle/Alluvial Interface
GWM-1	10/27/21	2.00	26.40	21.21	18.82	1.23	20.05	22.44	6,890.17	6891.15	17.5 - 23.5	Chinle/Alluvial Interface
GWM-1	11/17/21	2.00	26.40	21.22	18.83	1.25	20.08	22.47	6,890.14	6891.14	17.5 - 23.5	Chinle/Alluvial Interface
GWM-1	12/03/21	2.00	26.40	20.89	18.50	1.27	19.77	22.16	6,890.45	6891.47	17.5 - 23.5	Chinle/Alluvial Interface
GWM-1	01/10/22	2.00	26.40	20.93	18.54	2.19	20.73	23.12	6,889.49	6891.24	17.5 - 23.5	Chinle/Alluvial Interface
GWM-1	02/28/22	2.00	26.40	20.93	18.54	2.20	20.74	23.13	6,889.48	6891.24	17.5 - 23.5	Chinle/Alluvial Interface
GWM-1	03/01/22	2.00	26.40	20.84	18.45	1.26	19.71	22.10	6,890.51	6891.52	17.5 - 23.5	Chinle/Alluvial Interface
GWM-1	04/27/22	2.00	26.40	21.11	18.72	1.91	20.63	23.02	6,889.59	6891.12	17.5 - 23.5	Chinle/Alluvial Interface
GWM-1	05/05/22	2.00	26.40	21.07	18.68	2.04	20.72	23.11	6,889.50	6891.13	17.5 - 23.5	Chinle/Alluvial Interface
GWM-1	06/01/22	2.00	26.40	21.03	18.64	2.17	20.81	23.20	6,889.41	6891.15	17.5 - 23.5	Chinle/Alluvial Interface
GWM-1	07/07/22	2.00	26.40	21.40	19.01	2.22	21.23	23.62	6,888.99	6890.77	17.5 - 23.5	Chinle/Alluvial Interface
GWM-1	08/09/22	2.00	26.40	21.36	18.97	2.29	21.26	23.65	6,888.96	6890.79	17.5 - 23.5	Chinle/Alluvial Interface
GWM-1	09/02/22	2.00	26.40	20.90	18.51	2.08	20.59	22.98	6,889.63	6891.29	17.5 - 23.5	Chinle/Alluvial Interface

**TABLE 2B. 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)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Depth to Water (ft) TOC	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
GWM-2	04/26/21	2.00	18.08	ND	ND	NA	DRY	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	05/20/21	2.00	18.08	ND	ND	NA	DRY	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	06/03/21	2.00	18.08	ND	ND	NA	DRY	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	07/06/21	2.00	18.08	ND	ND	NA	DRY	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	08/25/21	2.00	18.08	ND	ND	NA	DRY	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	09/09/21	2.00	18.08	ND	ND	NA	DRY	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	10/27/21	2.00	18.08	ND	ND	NA	DRY	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	11/17/21	2.00	18.08	ND	ND	NA	DRY	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	12/03/21	2.00	18.08	ND	ND	NA	DRY	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	01/10/22	2.00	18.08	ND	ND	NA	DRY	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	02/28/22	2.00	18.08	ND	ND	NA	DRY	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	03/01/22	2.00	18.08	ND	ND	NA	DRY	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	04/27/22	2.00	18.08	ND	ND	NA	DRY	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	05/05/22	2.00	18.08	ND	ND	NA	DRY	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	06/01/22	2.00	18.08	ND	ND	NA	DRY	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	07/07/22	2.00	18.08	ND	ND	NA	DRY	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	08/09/22	2.00	18.08	ND	ND	NA	DRY	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	09/02/22	2.00	18.08	ND	ND	NA	DRY	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface

**TABLE 2B. 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)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Depth to Water (ft) TOC	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
GWM-3	04/26/21	2.00	19.15	ND	ND	NA	DRY	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	05/20/21	2.00	19.15	ND	ND	NA	DRY	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	06/03/21	2.00	19.15	ND	ND	NA	DRY	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	07/06/21	2.00	19.15	ND	ND	NA	DRY	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	08/25/21	2.00	19.15	ND	ND	NA	DRY	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	09/09/21	2.00	19.15	ND	ND	NA	DRY	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	10/27/21	2.00	19.15	ND	ND	NA	DRY	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	11/17/21	2.00	19.15	ND	ND	NA	DRY	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	12/03/21	2.00	19.15	ND	ND	NA	DRY	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	01/10/22	2.00	19.15	ND	ND	NA	DRY	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	02/28/22	2.00	19.15	ND	ND	NA	DRY	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	03/01/22	2.00	19.15	ND	ND	NA	DRY	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	04/27/22	2.00	19.15	ND	ND	NA	DRY	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	05/05/22	2.00	19.15	ND	ND	NA	DRY	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	06/01/22	2.00	19.15	ND	ND	NA	DRY	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	07/07/22	2.00	19.15	ND	ND	NA	DRY	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	08/09/22	2.00	19.15	ND	ND	NA	DRY	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	09/02/22	2.00	19.15	ND	ND	NA	DRY	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface

**TABLE 2B. 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)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Depth to Water (ft) TOC	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
KA-3	04/26/21	2.00	23.20	ND	ND	NA	10.59	9.82	6,902.70	NA	15 - 25	Chinle/Alluvial Interface
KA-3	05/20/21	2.00	23.20	ND	ND	NA	11.80	11.03	6,901.49	NA	15 - 25	Chinle/Alluvial Interface
KA-3	06/03/21	2.00	23.20	ND	ND	NA	11.17	10.40	6,902.12	NA	15 - 25	Chinle/Alluvial Interface
KA-3	07/06/21	2.00	23.20	ND	ND	NA	10.21	9.44	6,903.08	NA	15 - 25	Chinle/Alluvial Interface
KA-3	08/25/21	2.00	23.20	ND	ND	NA	10.18	9.41	6,903.11	NA	15 - 25	Chinle/Alluvial Interface
KA-3	09/08/21	2.00	23.20	ND	ND	NA	10.08	9.31	6,903.21	NA	15 - 25	Chinle/Alluvial Interface
KA-3	10/27/21	2.00	23.20	ND	ND	NA	8.75	7.98	6,904.54	NA	15 - 25	Chinle/Alluvial Interface
KA-3	11/17/21	2.00	23.20	ND	ND	NA	9.73	8.96	6,903.56	NA	15 - 25	Chinle/Alluvial Interface
KA-3	12/13/21	2.00	23.20	ND	ND	NA	10.33	9.56	6,902.96	NA	15 - 25	Chinle/Alluvial Interface
KA-3	01/10/22	2.00	23.20	ND	ND	NA	10.21	9.44	6,903.08	NA	15 - 25	Chinle/Alluvial Interface
KA-3	02/28/22	2.00	23.20	ND	ND	NA	10.18	9.41	6,903.11	NA	15 - 25	Chinle/Alluvial Interface
KA-3	03/01/22	2.00	23.20	ND	ND	NA	10.30	9.53	6,902.99	NA	15 - 25	Chinle/Alluvial Interface
KA-3	04/27/22	2.00	23.20	ND	ND	NA	10.86	10.09	6,902.43	NA	15 - 25	Chinle/Alluvial Interface
KA-3	05/05/22	2.00	23.20	ND	ND	NA	10.90	10.13	6,902.39	NA	15 - 25	Chinle/Alluvial Interface
KA-3	06/01/22	2.00	23.20	ND	ND	NA	11.72	10.95	6,901.57	NA	15 - 25	Chinle/Alluvial Interface
KA-3	07/07/22	2.00	23.20	ND	ND	NA	11.45	10.68	6,901.84	NA	15 - 25	Chinle/Alluvial Interface
KA-3	08/09/22	2.00	23.20	ND	ND	NA	11.32	10.55	6,901.97	NA	15 - 25	Chinle/Alluvial Interface
KA-3	09/02/22	2.00	23.20	ND	ND	NA	11.57	10.80	6,901.72	NA	15 - 25	Chinle/Alluvial Interface

**TABLE 2B. 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)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Depth to Water (ft) TOC	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
NAPIS-1	04/26/21	2.00	13.94	ND	ND	NA	7.58	7.82	6,906.04	NA	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	05/20/21	2.00	13.94	ND	ND	NA	8.28	8.52	6,905.34	NA	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	06/03/21	2.00	13.94	ND	ND	NA	7.61	7.85	6,906.01	NA	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	07/06/21	2.00	13.94	ND	ND	NA	6.82	7.06	6,906.80	NA	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	08/25/21	2.00	13.94	ND	ND	NA	6.73	6.97	6,906.89	NA	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	09/08/21	2.00	13.94	7.03	6.79	0.01	6.80	7.04	6,906.82	6906.83	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	10/27/21	2.00	13.94	6.85	6.61	0.01	6.62	6.86	6,907.00	6907.01	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	11/17/21	2.00	13.94	7.11	6.87	0.03	6.90	7.14	6,906.72	6906.74	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	12/03/21	2.00	13.94	7.26	7.02	0.02	7.04	7.28	6,906.58	6906.60	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	01/10/22	2.00	13.94	7.30	7.06	0.03	7.09	7.33	6,906.53	6906.55	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	02/28/22	2.00	13.94	7.28	7.04	0.04	7.08	7.32	6,906.54	6906.57	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	03/01/22	2.00	13.94	7.31	7.07	0.02	7.09	7.33	6,906.53	6906.55	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	04/27/22	2.00	13.94	7.50	7.26	0.05	7.31	7.55	6,906.31	6906.35	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	05/05/22	2.00	13.94	7.51	7.27	0.07	7.34	7.58	6,906.28	6906.34	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	06/01/22	2.00	13.95	7.45	7.21	0.03	7.24	7.48	6,906.38	6906.40	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	07/07/22	2.00	13.96	7.25	7.01	0.02	7.03	7.27	6,906.59	6906.61	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	08/09/22	2.00	13.97	7.28	7.04	0.02	7.06	7.30	6,906.56	6906.58	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	09/02/22	2.00	13.98	7.44	7.20	0.03	7.23	7.47	6,906.39	6906.41	3.7 - 13.7	Chinle/Alluvial Interface

**TABLE 2B. 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)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Depth to Water (ft) TOC	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
NAPIS-2	04/26/21	2.00	14.71	ND	ND	NA	9.89	9.14	6,903.51	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	05/20/21	2.00	14.74	ND	ND	NA	9.71	8.96	6,903.69	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	06/03/21	2.00	14.74	ND	ND	NA	9.85	9.10	6,903.55	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	07/06/21	2.00	14.74	ND	ND	NA	8.55	7.80	6,904.85	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	08/25/21	2.00	14.74	ND	ND	NA	9.00	8.25	6,904.40	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	09/08/21	2.00	14.74	ND	ND	NA	9.03	8.28	6,904.37	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	10/27/21	2.00	14.74	ND	ND	NA	8.70	7.95	6,904.70	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	11/17/21	2.00	14.74	ND	ND	NA	9.08	8.33	6,904.32	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	12/13/21	2.00	14.39	ND	ND	NA	9.19	8.44	6,904.21	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	01/10/22	2.00	14.39	ND	ND	NA	9.30	8.55	6,904.10	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	02/28/22	2.00	14.39	ND	ND	NA	9.29	8.54	6,904.11	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	03/01/22	2.00	14.40	ND	ND	NA	9.15	8.40	6,904.25	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	04/27/22	2.00	14.40	ND	ND	NA	9.81	9.06	6,903.59	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	05/05/22	2.00	14.40	ND	ND	NA	10.00	9.25	6,903.40	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	06/01/22	2.00	14.65	ND	ND	NA	10.80	10.05	6,902.60	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	07/07/22	2.00	14.90	ND	ND	NA	10.85	10.10	6,902.55	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	08/09/22	2.00	15.15	ND	ND	NA	10.98	10.23	6,902.42	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	09/02/22	2.00	15.40	ND	ND	NA	10.60	9.85	6,902.80	NA	4.2 - 14.2	Chinle/Alluvial Interface

**TABLE 2B. 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)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Depth to Water (ft) TOC	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
NAPIS-3	04/26/21	2.00	31.50	ND	ND	NA	9.51	8.89	6,903.87	NA	25.4 - 30-4	Chinle/Alluvial Interface
NAPIS-3	05/20/21	2.00	31.50	ND	ND	NA	9.92	9.30	6,903.46	NA	25.4 - 30-4	Chinle/Alluvial Interface
NAPIS-3	06/03/21	2.00	31.50	ND	ND	NA	9.93	9.31	6,903.45	NA	25.4 - 30-4	Chinle/Alluvial Interface
NAPIS-3	07/06/21	2.00	31.50	ND	ND	NA	8.37	7.75	6,905.01	NA	25.4 - 30-4	Chinle/Alluvial Interface
NAPIS-3	08/25/21	2.00	31.50	ND	ND	NA	8.72	8.10	6,904.66	NA	25.4 - 30-4	Chinle/Alluvial Interface
NAPIS-3	09/08/21	2.00	31.50	ND	ND	NA	8.77	8.15	6,904.61	NA	25.4 - 30-4	Chinle/Alluvial Interface
NAPIS-3	10/27/21	2.00	31.50	ND	ND	NA	8.58	7.96	6,904.80	NA	25.4 - 30-4	Chinle/Alluvial Interface
NAPIS-3	11/17/21	2.00	31.50	ND	ND	NA	8.75	8.13	6,904.63	NA	25.4 - 30-4	Chinle/Alluvial Interface
NAPIS-3	12/13/21	2.00	31.50	ND	ND	NA	8.85	8.23	6,904.53	NA	25.4 - 30-4	Chinle/Alluvial Interface
NAPIS-3	01/10/22	2.00	31.50	ND	ND	NA	8.92	8.30	6,904.46	NA	25.4 - 30-4	Chinle/Alluvial Interface
NAPIS-3	02/28/22	2.00	31.50	ND	ND	NA	8.62	8.00	6,904.76	NA	25.4 - 30-4	Chinle/Alluvial Interface
NAPIS-3	03/01/22	2.00	31.50	ND	ND	NA	8.80	8.18	6,904.58	NA	25.4 - 30-4	Chinle/Alluvial Interface
NAPIS-3	04/27/22	2.00	31.50	ND	ND	NA	8.97	8.35	6,904.41	NA	25.4 - 30-4	Chinle/Alluvial Interface
NAPIS-3	05/05/22	2.00	31.50	ND	ND	NA	9.04	8.42	6,904.34	NA	25.4 - 30-4	Chinle/Alluvial Interface
NAPIS-3	06/01/22	2.00	31.50	ND	ND	NA	10.63	10.01	6,902.75	NA	25.4 - 30-4	Chinle/Alluvial Interface
NAPIS-3	07/07/22	2.00	31.50	ND	ND	NA	10.65	10.03	6,902.73	NA	25.4 - 30-4	Chinle/Alluvial Interface
NAPIS-3	08/09/22	2.00	31.50	ND	ND	NA	10.60	9.98	6,902.78	NA	25.4 - 30-4	Chinle/Alluvial Interface
NAPIS-3	09/02/22	2.00	31.50	ND	ND	NA	10.37	9.75	6,903.01	NA	25.4 - 30-4	Chinle/Alluvial Interface

**TABLE 2B. 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)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Depth to Water (ft) TOC	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
OAPIS-1	04/26/21	2.00	28.00	ND	ND	NA	10.88	13.24	6,903.49	NA	16 - 26	Chinle/Alluvial Interface
OAPIS-1	05/20/21	2.00	28.00	ND	ND	NA	11.52	13.88	6,902.85	NA	16 - 26	Chinle/Alluvial Interface
OAPIS-1	06/03/21	2.00	28.00	ND	ND	NA	10.72	13.08	6,903.65	NA	16 - 26	Chinle/Alluvial Interface
OAPIS-1	07/06/21	2.00	28.00	ND	ND	NA	10.09	12.45	6,904.28	NA	16 - 26	Chinle/Alluvial Interface
OAPIS-1	08/25/21	2.00	28.00	ND	ND	NA	9.14	11.50	6,905.23	NA	16 - 26	Chinle/Alluvial Interface
OAPIS-1	09/08/21	2.00	28.00	ND	ND	NA	9.34	11.70	6,905.03	NA	16 - 26	Chinle/Alluvial Interface
OAPIS-1	10/27/21	2.00	28.00	ND	ND	NA	9.57	11.93	6,904.80	NA	16 - 26	Chinle/Alluvial Interface
OAPIS-1	11/17/21	2.00	28.00	ND	ND	NA	9.78	12.14	6,904.59	NA	16 - 26	Chinle/Alluvial Interface
OAPIS-1	12/13/21	2.00	28.00	ND	ND	NA	9.85	12.21	6,904.52	NA	16 - 26	Chinle/Alluvial Interface
OAPIS-1	01/10/22	2.00	28.00	ND	ND	NA	9.84	12.20	6,904.53	NA	16 - 26	Chinle/Alluvial Interface
OAPIS-1	02/28/22	2.00	28.00	ND	ND	NA	9.80	12.16	6,904.57	NA	16 - 26	Chinle/Alluvial Interface
OAPIS-1	03/01/22	2.00	28.00	ND	ND	NA	9.83	12.19	6,904.54	NA	16 - 26	Chinle/Alluvial Interface
OAPIS-1	04/27/22	2.00	28.00	ND	ND	NA	9.86	12.22	6,904.51	NA	16 - 26	Chinle/Alluvial Interface
OAPIS-1	05/05/22	2.00	28.00	ND	ND	NA	10.05	12.41	6,904.32	NA	16 - 26	Chinle/Alluvial Interface
OAPIS-1	06/01/22	2.00	27.96	ND	ND	NA	10.42	12.78	6,903.95	NA	16 - 26	Chinle/Alluvial Interface
OAPIS-1	07/07/22	2.00	27.92	ND	ND	NA	10.80	13.16	6,903.57	NA	16 - 26	Chinle/Alluvial Interface
OAPIS-1	08/09/22	2.00	27.88	ND	ND	NA	10.84	13.20	6,903.53	NA	16 - 26	Chinle/Alluvial Interface
OAPIS-1	09/02/22	2.00	27.84	ND	ND	NA	10.04	12.40	6,904.33	NA	16 - 26	Chinle/Alluvial Interface

**TABLE 2B. 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)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Depth to Water (ft) TOC	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
OW-57	04/26/21	2.00	27.49	ND	ND	NA	21.28	21.07	6,913.43	NA	15 - 25	Chinle/Alluvial Interface
OW-57	05/20/21	2.00	27.19	ND	ND	NA	20.09	19.88	6,914.62	NA	15 - 25	Chinle/Alluvial Interface
OW-57	06/02/21	2.00	27.19	ND	ND	NA	21.24	21.03	6,913.47	NA	15 - 25	Chinle/Alluvial Interface
OW-57	07/06/21	2.00	27.19	ND	ND	NA	20.04	19.83	6,914.67	NA	15 - 25	Chinle/Alluvial Interface
OW-57	08/25/21	2.00	27.19	ND	ND	NA	21.73	21.52	6,912.98	NA	15 - 25	Chinle/Alluvial Interface
OW-57	09/09/21	2.00	27.40	ND	ND	NA	21.91	21.70	6,912.80	NA	15 - 25	Chinle/Alluvial Interface
OW-57	10/27/21	2.00	27.40	ND	ND	NA	21.91	21.70	6,912.80	NA	15 - 25	Chinle/Alluvial Interface
OW-57	11/17/21	2.00	27.40	ND	ND	NA	21.42	21.21	6,913.29	NA	15 - 25	Chinle/Alluvial Interface
OW-57	12/13/21	2.00	28.08	ND	ND	NA	21.96	21.75	6,912.75	NA	15 - 25	Chinle/Alluvial Interface
OW-57	01/10/22	2.00	28.08	ND	ND	NA	21.84	21.63	6,912.87	NA	15 - 25	Chinle/Alluvial Interface
OW-57	02/28/22	2.00	28.08	ND	ND	NA	21.82	21.61	6,912.89	NA	15 - 25	Chinle/Alluvial Interface
OW-57	03/01/22	2.00	28.08	ND	ND	NA	22.01	21.80	6,912.70	NA	15 - 25	Chinle/Alluvial Interface
OW-57	04/27/22	2.00	28.08	ND	ND	NA	22.36	22.15	6,912.35	NA	15 - 25	Chinle/Alluvial Interface
OW-57	05/05/22	2.00	28.08	ND	ND	NA	22.43	22.22	6,912.28	NA	15 - 25	Chinle/Alluvial Interface
OW-57	06/01/22	2.00	28.08	ND	ND	NA	22.56	22.35	6,912.15	NA	15 - 25	Chinle/Alluvial Interface
OW-57	07/07/22	2.00	28.08	ND	ND	NA	22.25	22.04	6,912.46	NA	15 - 25	Chinle/Alluvial Interface
OW-57	08/09/22	2.00	28.08	ND	ND	NA	22.16	21.95	6,912.55	NA	15 - 25	Chinle/Alluvial Interface
OW-57	09/02/22	2.00	28.08	ND	ND	NA	22.86	22.65	6,911.85	NA	15 - 25	Chinle/Alluvial Interface

**TABLE 2B. 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)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Depth to Water (ft) TOC	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
OW-58	04/26/21	2.00	47.95	ND	ND	NA	25.04	24.83	6,909.67	NA	38 - 48	Chinle/Alluvial Interface
OW-58	05/20/21	2.00	47.95	ND	ND	NA	23.54	23.33	6,911.17	NA	38 - 48	Chinle/Alluvial Interface
OW-58	06/02/21	2.00	47.95	ND	ND	NA	24.84	24.63	6,909.87	NA	38 - 48	Chinle/Alluvial Interface
OW-58	07/06/21	2.00	47.95	ND	ND	NA	24.98	24.77	6,909.73	NA	38 - 48	Chinle/Alluvial Interface
OW-58	08/25/21	2.00	47.95	ND	ND	NA	25.31	25.10	6,909.40	NA	38 - 48	Chinle/Alluvial Interface
OW-58	09/09/21	2.00	47.95	ND	ND	NA	25.41	25.20	6,909.30	NA	38 - 48	Chinle/Alluvial Interface
OW-58	10/27/21	2.00	47.95	ND	ND	NA	25.51	25.30	6,909.20	NA	38 - 48	Chinle/Alluvial Interface
OW-58	11/17/21	2.00	47.95	ND	ND	NA	25.41	25.20	6,909.30	NA	38 - 48	Chinle/Alluvial Interface
OW-58	12/13/21	2.00	47.95	ND	ND	NA	25.42	25.21	6,909.29	NA	38 - 48	Chinle/Alluvial Interface
OW-58	01/10/22	2.00	47.95	ND	ND	NA	25.18	24.97	6,909.53	NA	38 - 48	Chinle/Alluvial Interface
OW-58	02/28/22	2.00	47.95	ND	ND	NA	25.21	25.00	6,909.50	NA	38 - 48	Chinle/Alluvial Interface
OW-58	03/01/22	2.00	47.95	ND	ND	NA	25.51	25.30	6,909.20	NA	38 - 48	Chinle/Alluvial Interface
OW-58	04/27/22	2.00	47.95	ND	ND	NA	25.65	25.44	6,909.06	NA	38 - 48	Chinle/Alluvial Interface
OW-58	05/05/22	2.00	47.95	ND	ND	NA	25.82	25.61	6,908.89	NA	38 - 48	Chinle/Alluvial Interface
OW-58	06/01/22	2.00	47.95	ND	ND	NA	26.01	25.80	6,908.70	NA	38 - 48	Chinle/Alluvial Interface
OW-58	07/07/22	2.00	47.95	ND	ND	NA	24.64	24.43	6,910.07	NA	38 - 48	Chinle/Alluvial Interface
OW-58	08/09/22	2.00	47.95	ND	ND	NA	25.52	25.31	6,909.19	NA	38 - 48	Chinle/Alluvial Interface
OW-58	09/02/22	2.00	47.95	ND	ND	NA	26.06	25.85	6,908.65	NA	38 - 48	Chinle/Alluvial Interface

**TABLE 2B. 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)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Depth to Water (ft) TOC	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
OW-58A	04/26/21	4.00	36.74	ND	ND	NA	24.11	27.01	6,909.28	NA	25 - 33	Chinle/Alluvial Interface
OW-58A	05/20/21	4.00	36.86	ND	ND	NA	23.41	26.31	6,909.98	NA	25 - 33	Chinle/Alluvial Interface
OW-58A	06/02/21	4.00	36.86	ND	ND	NA	23.73	26.63	6,909.66	NA	25 - 33	Chinle/Alluvial Interface
OW-58A	07/06/21	4.00	36.86	ND	ND	NA	24.02	26.92	6,909.37	NA	25 - 33	Chinle/Alluvial Interface
OW-58A	08/25/21	4.00	36.86	ND	ND	NA	24.53	27.43	6,908.86	NA	25 - 33	Chinle/Alluvial Interface
OW-58A	09/09/21	4.00	36.40	ND	ND	NA	24.70	27.60	6,908.69	NA	25 - 33	Chinle/Alluvial Interface
OW-58A	10/27/21	4.00	36.40	ND	ND	NA	24.80	27.70	6,908.59	NA	25 - 33	Chinle/Alluvial Interface
OW-58A	11/17/21	4.00	36.40	ND	ND	NA	24.72	27.62	6,908.67	NA	25 - 33	Chinle/Alluvial Interface
OW-58A	12/13/21	4.00	36.40	ND	ND	NA	24.65	27.55	6,908.74	NA	25 - 33	Chinle/Alluvial Interface
OW-58A	01/10/22	4.00	36.40	ND	ND	NA	24.43	27.33	6,908.96	NA	25 - 33	Chinle/Alluvial Interface
OW-58A	02/28/22	4.00	36.40	ND	ND	NA	24.40	27.30	6,908.99	NA	25 - 33	Chinle/Alluvial Interface
OW-58A	03/01/22	4.00	36.35	ND	ND	NA	24.60	27.50	6,908.79	NA	25 - 33	Chinle/Alluvial Interface
OW-58A	04/27/22	4.00	36.35	ND	ND	NA	25.24	28.14	6,908.15	NA	25 - 33	Chinle/Alluvial Interface
OW-58A	05/05/22	4.00	36.35	ND	ND	NA	25.23	28.13	6,908.16	NA	25 - 33	Chinle/Alluvial Interface
OW-58A	06/01/22	4.00	36.35	ND	ND	NA	25.30	28.20	6,908.09	NA	25 - 33	Chinle/Alluvial Interface
OW-58A	07/07/22	4.00	36.35	ND	ND	NA	23.30	26.20	6,910.09	NA	25 - 33	Chinle/Alluvial Interface
OW-58A	08/09/22	4.00	36.35	ND	ND	NA	23.43	26.33	6,909.96	NA	25 - 33	Chinle/Alluvial Interface
OW-58A	09/02/22	4.00	36.35	ND	ND	NA	25.30	28.20	6,908.09	NA	25 - 33	Chinle/Alluvial Interface

**TABLE 2B. 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)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Depth to Water (ft) TOC	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
OW-61	04/26/21	4.00	33.87	18.93	16.54	2.50	18.84	21.43	6,940.45	6942.45	8 - 28	Chinle/Alluvial Interface
OW-61	05/20/21	4.00	34.89	19.11	16.72	2.84	19.36	21.95	6,939.93	6942.20	8 - 28	Chinle/Alluvial Interface
OW-61	06/02/21	4.00	34.89	18.62	16.23	2.27	18.30	20.89	6,940.99	6942.81	8 - 28	Chinle/Alluvial Interface
OW-61	07/06/21	4.00	34.89	19.68	17.29	3.24	20.33	22.92	6,938.96	6941.55	8 - 28	Chinle/Alluvial Interface
OW-61	08/04/21	4.00	34.89	19.89	17.50	3.40	20.70	23.29	6,938.59	6941.31	8 - 28	Chinle/Alluvial Interface
OW-61	09/07/21	4.00	34.87	20.36	17.97	3.42	21.19	23.78	6,938.10	6940.84	8 - 28	Chinle/Alluvial Interface
OW-61	10/27/21	4.00	34.87	21.55	19.16	0.55	19.51	22.10	6,939.78	6940.22	8 - 28	Chinle/Alluvial Interface
OW-61	11/15/21	4.00	34.87	21.75	19.36	0.64	19.80	22.39	6,939.49	6940.00	8 - 28	Chinle/Alluvial Interface
OW-61	12/03/21	4.00	34.87	21.69	19.30	0.69	19.79	22.38	6,939.50	6940.05	8 - 28	Chinle/Alluvial Interface
OW-61	01/10/22	4.00	34.87	22.98	20.59	0.22	20.61	23.20	6,938.68	6938.86	8 - 28	Chinle/Alluvial Interface
OW-61	02/28/22	4.00	34.87	23.02	20.63	0.18	20.61	23.20	6,938.68	6938.82	8 - 28	Chinle/Alluvial Interface
OW-61	03/02/22	4.00	34.87	21.70	19.31	0.70	19.81	22.40	6,939.48	6940.04	8 - 28	Chinle/Alluvial Interface
OW-61	04/27/22	4.00	34.87	22.13	19.74	0.92	20.46	23.05	6,938.83	6939.57	8 - 28	Chinle/Alluvial Interface
OW-61	05/09/22	4.00	34.87	24.50	22.11	0.62	22.53	25.12	6,936.76	6937.26	8 - 28	Chinle/Alluvial Interface
OW-61	06/01/22	4.00	34.87	24.68	22.29	0.71	22.80	25.39	6,936.49	6937.06	8 - 28	Chinle/Alluvial Interface
OW-61	07/07/22	4.00	34.87	24.64	22.25	1.29	23.34	25.93	6,935.95	6936.98	8 - 28	Chinle/Alluvial Interface
OW-61	08/09/22	4.00	34.87	24.42	22.03	1.35	23.18	25.77	6,936.11	6937.19	8 - 28	Chinle/Alluvial Interface
OW-61	09/02/22	4.00	34.87	24.32	21.93	1.46	23.19	25.78	6,936.10	6937.27	8 - 28	Chinle/Alluvial Interface

**TABLE 2B. 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)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Depth to Water (ft) TOC	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
OW-62	04/26/21	4.00	32.47	23.93	21.16	0.17	21.22	24.10	6,911.99	6912.13	8 - 28	Chinle/Alluvial Interface
OW-62	05/20/21	4.00	32.87	23.80	21.03	0.64	21.56	24.44	6,911.65	6912.16	8 - 28	Chinle/Alluvial Interface
OW-62	06/02/21	4.00	32.87	22.97	20.20	0.25	20.34	23.22	6,912.87	6913.07	8 - 28	Chinle/Alluvial Interface
OW-62	07/06/21	4.00	32.87	22.19	19.42	0.23	19.54	22.42	6,913.67	6913.85	8 - 28	Chinle/Alluvial Interface
OW-62	08/25/21	4.00	32.87	23.98	21.21	0.25	21.35	24.23	6,911.86	6912.06	8 - 28	Chinle/Alluvial Interface
OW-62	09/09/21	4.00	32.80	23.45	20.68	0.21	20.78	23.66	6,912.43	6912.60	8 - 28	Chinle/Alluvial Interface
OW-62	10/27/21	4.00	32.80	23.83	21.06	0.19	21.14	24.02	6,912.07	6912.22	8 - 28	Chinle/Alluvial Interface
OW-62	11/17/21	4.00	32.80	23.79	21.02	0.29	21.20	24.08	6,912.01	6912.24	8 - 28	Chinle/Alluvial Interface
OW-62	12/09/21	4.00	32.80	23.80	21.03	0.34	21.26	24.14	6,911.95	6912.22	8 - 28	Chinle/Alluvial Interface
OW-62	01/10/22	4.00	32.80	22.98	20.21	0.57	20.67	23.55	6,912.54	6913.00	8 - 28	Chinle/Alluvial Interface
OW-62	02/28/22	4.00	32.80	23.02	20.25	0.43	20.57	23.45	6,912.64	6912.98	8 - 28	Chinle/Alluvial Interface
OW-62	03/02/22	4.00	32.80	23.77	23.77	0.38	21.27	24.15	6,911.94	6912.24	8 - 28	Chinle/Alluvial Interface
OW-62	04/27/22	4.00	32.80	24.19	21.29	0.33	21.64	24.52	6,911.57	6911.83	8 - 28	Chinle/Alluvial Interface
OW-62	05/09/22	4.00	32.80	23.99	21.09	0.34	21.45	24.33	6,911.76	6912.03	8 - 28	Chinle/Alluvial Interface
OW-62	06/01/22	4.00	32.80	23.75	20.85	0.35	21.22	24.10	6,911.99	6912.27	8 - 28	Chinle/Alluvial Interface
OW-62	07/07/22	4.00	32.80	24.00	21.10	0.38	21.50	24.38	6,911.71	6912.01	8 - 28	Chinle/Alluvial Interface
OW-62	08/09/22	4.00	32.80	24.09	21.19	0.35	21.56	24.44	6,911.65	6911.93	8 - 28	Chinle/Alluvial Interface
OW-62	09/02/22	4.00	32.80	23.70	20.80	0.43	21.25	24.13	6,911.96	6912.30	8 - 28	Chinle/Alluvial Interface

**TABLE 2B. 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)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Depth to Water (ft) TOC	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
OW-63	04/26/21	4.00	32.22	ND	ND	NA	18.40	21.40	6,912.47	NA	9 - 29	Chinle/Alluvial Interface
OW-63	05/20/21	4.00	32.22	ND	ND	NA	18.52	21.52	6,912.35	NA	9 - 29	Chinle/Alluvial Interface
OW-63	06/02/21	4.00	32.22	ND	ND	NA	18.37	21.37	6,912.50	NA	9 - 29	Chinle/Alluvial Interface
OW-63	07/06/21	4.00	32.22	ND	ND	NA	20.20	23.20	6,910.67	NA	9 - 29	Chinle/Alluvial Interface
OW-63	08/25/21	4.00	32.22	ND	ND	NA	18.74	21.74	6,912.13	NA	9 - 29	Chinle/Alluvial Interface
OW-63	09/28/21	4.00	32.22	ND	ND	NA	18.85	21.85	6,912.02	NA	9 - 29	Chinle/Alluvial Interface
OW-63	10/27/21	4.00	32.22	ND	ND	NA	18.90	21.90	6,911.97	NA	9 - 29	Chinle/Alluvial Interface
OW-63	11/17/21	4.00	32.22	ND	ND	NA	18.87	21.87	6,912.00	NA	9 - 29	Chinle/Alluvial Interface
OW-63	12/16/21	4.00	32.22	ND	ND	NA	18.93	21.93	6,911.94	NA	9 - 29	Chinle/Alluvial Interface
OW-63	01/10/22	4.00	32.22	ND	ND	NA	18.89	21.89	6,911.98	NA	9 - 29	Chinle/Alluvial Interface
OW-63	02/28/22	4.00	32.22	ND	ND	NA	18.93	21.93	6,911.94	NA	9 - 29	Chinle/Alluvial Interface
OW-63	03/01/22	4.00	32.22	ND	ND	NA	18.95	21.95	6,911.92	NA	9 - 29	Chinle/Alluvial Interface
OW-63	04/27/22	4.00	32.22	ND	ND	NA	19.22	22.22	6,911.65	NA	9 - 29	Chinle/Alluvial Interface
OW-63	05/09/22	4.00	32.22	ND	ND	NA	19.29	22.29	6,911.58	NA	9 - 29	Chinle/Alluvial Interface
OW-63	06/01/22	4.00	32.22	ND	ND	NA	19.51	22.51	6,911.36	NA	9 - 29	Chinle/Alluvial Interface
OW-63	07/07/22	4.00	32.22	ND	ND	NA	18.51	21.51	6,912.36	NA	9 - 29	Chinle/Alluvial Interface
OW-63	08/09/22	4.00	32.22	ND	ND	NA	18.77	21.77	6,912.10	NA	9 - 29	Chinle/Alluvial Interface
OW-63	09/02/22	4.00	32.22	ND	ND	NA	19.25	22.25	6,911.62	NA	9 - 29	Chinle/Alluvial Interface

**TABLE 2B. 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)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Depth to Water (ft) TOC	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
OW-64	04/26/21	4.00	27.35	ND	ND	NA	5.51	8.28	6,937.81	NA	4 - 24	Chinle/Alluvial Interface
OW-64	05/20/21	4.00	27.35	ND	ND	NA	5.31	8.08	6,938.01	NA	4 - 24	Chinle/Alluvial Interface
OW-64	06/02/21	4.00	27.35	ND	ND	NA	5.36	8.13	6,937.96	NA	4 - 24	Chinle/Alluvial Interface
OW-64	07/06/21	4.00	27.35	ND	ND	NA	4.63	7.40	6,938.69	NA	4 - 24	Chinle/Alluvial Interface
OW-64	08/25/21	4.00	27.35	ND	ND	NA	4.98	7.75	6,938.34	NA	4 - 24	Chinle/Alluvial Interface
OW-64	09/09/21	4.00	27.35	ND	ND	NA	5.17	7.94	6,938.15	NA	4 - 24	Chinle/Alluvial Interface
OW-64	10/27/21	4.00	27.35	ND	ND	NA	5.13	7.90	6,938.19	NA	4 - 24	Chinle/Alluvial Interface
OW-64	11/17/21	4.00	27.35	ND	ND	NA	5.14	7.91	6,938.18	NA	4 - 24	Chinle/Alluvial Interface
OW-64	12/28/21	4.00	27.35	ND	ND	NA	4.98	7.75	6,938.34	NA	4 - 24	Chinle/Alluvial Interface
OW-64	01/10/22	4.00	27.35	ND	ND	NA	5.03	7.80	6,938.29	NA	4 - 24	Chinle/Alluvial Interface
OW-64	02/28/22	4.00	27.35	ND	ND	NA	5.25	8.02	6,938.07	NA	4 - 24	Chinle/Alluvial Interface
OW-64	03/02/22	4.00	27.35	ND	ND	NA	4.96	7.73	6,938.36	NA	4 - 24	Chinle/Alluvial Interface
OW-64	04/27/22	4.00	27.35	ND	ND	NA	5.90	8.67	6,937.42	NA	4 - 24	Chinle/Alluvial Interface
OW-64	05/09/22	4.00	27.35	ND	ND	NA	5.78	8.55	6,937.54	NA	4 - 24	Chinle/Alluvial Interface
OW-64	06/01/22	4.00	27.35	ND	ND	NA	5.37	8.14	6,937.95	NA	4 - 24	Chinle/Alluvial Interface
OW-64	07/07/22	4.00	27.35	ND	ND	NA	5.34	8.11	6,937.98	NA	4 - 24	Chinle/Alluvial Interface
OW-64	08/09/22	4.00	27.35	ND	ND	NA	5.03	7.80	6,938.29	NA	4 - 24	Chinle/Alluvial Interface
OW-64	09/02/22	4.00	27.35	ND	ND	NA	5.43	8.20	6,937.89	NA	4 - 24	Chinle/Alluvial Interface

**TABLE 2B. 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)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Depth to Water (ft) TOC	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
OW-65	04/26/21	4.00	40.25	28.01	25.38	5.94	31.07	33.95	6,918.88	6923.63	17 - 37	Chinle/Alluvial Interface
OW-65	05/20/21	4.00	39.50	28.16	25.53	7.01	32.29	35.17	6,917.66	6923.27	17 - 37	Chinle/Alluvial Interface
OW-65	06/02/21	4.00	39.50	26.91	24.28	5.75	29.78	32.66	6,920.17	6924.77	17 - 37	Chinle/Alluvial Interface
OW-65	07/12/21	4.00	39.50	28.27	25.64	6.51	31.90	34.78	6,918.05	6923.26	17 - 37	Chinle/Alluvial Interface
OW-65	08/03/21	4.00	39.50	28.28	28.28	4.01	29.41	32.29	6,920.54	6923.75	17 - 37	Chinle/Alluvial Interface
OW-65	09/07/21	4.00	39.50	28.37	28.13	6.13	31.62	34.50	6,918.33	6923.23	17 - 37	Chinle/Alluvial Interface
OW-65	10/27/22	4.00	39.50	28.37	28.13	6.13	31.62	34.50	6,918.33	6923.23	17 - 37	Chinle/Alluvial Interface
OW-65	11/15/21	4.00	39.50	28.18	27.94	6.95	32.25	35.13	6,917.70	6923.26	17 - 37	Chinle/Alluvial Interface
OW-65	12/03/21	4.00	39.50	28.10	27.86	6.98	32.20	35.08	6,917.75	6923.33	17 - 37	Chinle/Alluvial Interface
OW-65	01/10/22	4.00	39.50	28.12	27.88	6.99	32.23	35.11	6,917.72	6923.31	17 - 37	Chinle/Alluvial Interface
OW-65	02/28/22	4.00	39.50	28.11	27.87	6.98	32.21	35.09	6,917.74	6923.32	17 - 37	Chinle/Alluvial Interface
OW-65	03/02/22	4.00	39.50	28.08	27.84	6.93	32.13	35.01	6,917.82	6923.36	17 - 37	Chinle/Alluvial Interface
OW-65	04/05/22	4.00	39.50	29.85	29.61	4.85	31.82	34.70	6,918.13	6922.01	17 - 37	Chinle/Alluvial Interface
OW-65	05/09/22	4.00	39.50	30.09	29.85	5.69	32.90	35.78	6,917.05	6921.60	17 - 37	Chinle/Alluvial Interface
OW-65	06/01/22	4.00	39.50	27.97	27.73	6.96	32.05	34.93	6,917.90	6923.47	17 - 37	Chinle/Alluvial Interface
OW-65	07/07/22	4.00	39.50	31.52	31.28	1.53	30.17	33.05	6,919.78	6921.00	17 - 37	Chinle/Alluvial Interface
OW-65	08/09/22	4.00	39.50	31.83	31.59	0.54	29.49	32.37	6,920.46	6920.89	17 - 37	Chinle/Alluvial Interface
OW-65	09/02/22	4.00	39.50	32.08	31.84	0.36	29.56	32.44	6,920.39	6920.68	17 - 37	Chinle/Alluvial Interface

**TABLE 2B. 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)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Depth to Water (ft) TOC	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
RW-1	04/26/21	4.00	43.45	29.81	29.57	2.08	28.69	31.89	6,914.17	6,915.83	25 - 40	Chinle/Alluvial Interface
RW-1	05/20/21	4.00	43.45	30.05	29.81	3.18	30.03	33.23	6,912.83	6,915.37	25 - 40	Chinle/Alluvial Interface
RW-1	06/01/21	4.00	43.45	30.33	30.09	3.09	30.22	33.42	6,912.64	6,915.11	25 - 40	Chinle/Alluvial Interface
RW-1	07/12/21	4.00	43.45	29.57	29.33	2.30	28.67	31.87	6,914.19	6,916.03	25 - 40	Chinle/Alluvial Interface
RW-1	08/25/21	4.00	43.45	30.75	30.75	1.50	29.05	32.25	6,913.81	6,915.01	25 - 40	Chinle/Alluvial Interface
RW-1	09/09/21	4.00	43.45	29.53	30.28	1.49	27.82	31.02	6,915.04	6,916.23	25 - 40	Chinle/Alluvial Interface
RW-1	09/09/21	4.00	43.45	31.09	31.84	1.18	29.07	32.27	6,913.79	6,914.73	25 - 40	Chinle/Alluvial Interface
RW-1	11/15/21	4.00	43.45	29.90	30.65	1.15	27.85	31.05	6,915.01	6,915.93	25 - 40	Chinle/Alluvial Interface
RW-1	12/03/21	4.00	43.45	29.91	30.66	2.07	28.78	31.98	6,914.08	6,915.74	25 - 40	Chinle/Alluvial Interface
RW-1	01/10/22	4.00	43.45	30.12	30.87	8.00	34.92	38.12	6,907.94	6,914.34	25 - 40	Chinle/Alluvial Interface
RW-1	02/28/22	4.00	43.45	30.20	30.95	7.98	34.98	38.18	6,907.88	6,914.26	25 - 40	Chinle/Alluvial Interface
RW-1	03/02/22	4.00	43.45	30.01	30.76	2.02	28.83	32.03	6,914.03	6,915.65	25 - 40	Chinle/Alluvial Interface
RW-1	04/27/22	4.00	43.45	30.59	31.34	0.25	27.64	30.84	6,915.22	6,915.42	25 - 40	Chinle/Alluvial Interface
RW-1	05/09/22	4.00	43.45	30.76	31.51	0.41	27.97	31.17	6,914.89	6,915.22	25 - 40	Chinle/Alluvial Interface
RW-1	06/01/22	4.00	43.45	30.98	31.73	0.12	27.90	31.10	6,914.96	6,915.06	25 - 40	Chinle/Alluvial Interface
RW-1	07/07/22	4.00	43.45	31.18	31.93	0.09	28.07	31.27	6,914.79	6,914.86	25 - 40	Chinle/Alluvial Interface
RW-1	08/09/22	4.00	43.45	31.37	32.12	0.06	28.23	31.43	6,914.63	6,914.68	25 - 40	Chinle/Alluvial Interface
RW-1	09/02/22	4.00	43.45	31.51	32.26	0.03	28.34	31.54	6,914.52	6,914.54	25 - 40	Chinle/Alluvial Interface

**TABLE 2B. 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)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Depth to Water (ft) TOC	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
RW-2	04/26/21	4.00	40.00	23.05	23.80	0.14	21.06	23.19	6,905.34	6,905.45	26.1 - 36.1	Chinle/Alluvial Interface
RW-2	05/20/21	4.00	40.00	23.77	24.52	0.09	21.73	23.86	6,904.67	6,904.74	26.1 - 36.1	Chinle/Alluvial Interface
RW-2	06/01/21	4.00	40.00	23.80	24.55	0.06	21.73	23.86	6,904.67	6,904.72	26.1 - 36.1	Chinle/Alluvial Interface
RW-2	07/06/21	4.00	40.00	ND	ND	NA	21.54	23.67	6,904.86	NA	26.1 - 36.1	Chinle/Alluvial Interface
RW-2	08/09/21	4.00	40.00	ND	ND	NA	22.37	24.50	6,904.03	NA	26.1 - 36.1	Chinle/Alluvial Interface
RW-2R	08/31/21	4.00	31.50	22.21	22.83	2.67	21.71	24.88	6,909.33	6,911.47	11.5 - 31.5	Chinle/Alluvial Interface
RW-2R	09/09/21	4.00	31.50	22.26	22.88	2.66	21.75	24.92	6,909.29	6,911.42	11.5 - 31.5	Chinle/Alluvial Interface
RW-2R	10/27/21	4.00	31.50	22.50	23.12	2.65	21.98	25.15	6,909.06	6,911.18	11.5 - 31.5	Chinle/Alluvial Interface
RW-2R	11/15/21	4.00	31.50	22.47	23.09	2.49	21.79	24.96	6,909.25	6,911.24	11.5 - 31.5	Chinle/Alluvial Interface
RW-2R	12/03/21	4.00	31.50	22.50	23.12	2.39	21.72	24.89	6,909.32	6,911.23	11.5 - 31.5	Chinle/Alluvial Interface
RW-2R	01/10/22	4.00	31.50	22.20	22.82	2.40	21.43	24.60	6,909.61	6,911.53	11.5 - 31.5	Chinle/Alluvial Interface
RW-2R	02/28/22	4.00	31.50	22.26	22.88	2.36	21.45	24.62	6,909.59	6,911.48	11.5 - 31.5	Chinle/Alluvial Interface
RW-2R	03/02/22	4.00	31.50	22.44	23.06	2.40	21.67	24.84	6,909.37	6,911.29	11.5 - 31.5	Chinle/Alluvial Interface
RW-2R	04/27/22	4.00	31.50	22.84	23.46	2.32	21.99	25.16	6,909.05	6,910.91	11.5 - 31.5	Chinle/Alluvial Interface
RW-2R	05/09/22	4.00	31.50	22.98	23.60	2.37	22.18	25.35	6,908.86	6,910.76	11.5 - 31.5	Chinle/Alluvial Interface
RW-2R	06/01/22	4.00	31.50	23.20	23.82	2.35	22.38	25.55	6,908.66	6,910.54	11.5 - 31.5	Chinle/Alluvial Interface
RW-2R	07/07/22	4.00	31.50	23.51	24.13	2.26	22.60	25.77	6,908.44	6,910.25	11.5 - 31.5	Chinle/Alluvial Interface
RW-2R	08/09/22	4.00	31.50	23.69	24.31	2.28	22.80	25.97	6,908.24	6,910.06	11.5 - 31.5	Chinle/Alluvial Interface
RW-2R	09/02/22	4.00	31.50	23.97	24.59	2.23	23.03	26.20	6,908.01	6,909.79	11.5 - 31.5	Chinle/Alluvial Interface

**TABLE 2B. 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)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Depth to Water (ft) TOC	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
RW-5	04/26/21	4.00	39.51	30.43	31.05	1.33	29.72	31.76	6,911.81	6,912.87	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	05/20/21	4.00	39.51	30.76	31.38	0.14	28.86	30.90	6,912.67	6,912.78	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	06/01/21	4.00	39.51	31.20	31.20	0.66	29.82	31.86	6,911.71	6,912.24	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	07/12/21	4.00	39.51	30.29	27.93	2.62	30.87	32.91	6,910.66	6,912.76	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	08/25/21	4.00	39.51	31.22	28.86	2.88	32.06	34.10	6,909.47	6,911.77	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	09/09/21	4.00	39.51	30.34	27.98	3.10	31.40	33.44	6,910.13	6,912.61	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	10/27/21	4.00	39.51	31.40	29.04	2.75	32.11	34.15	6,909.42	6,911.62	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	11/15/21	4.00	39.51	30.35	27.99	2.40	30.71	32.75	6,910.82	6,912.74	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	12/03/21	4.00	39.51	30.31	27.95	2.37	30.64	32.68	6,910.89	6,912.79	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	01/10/22	4.00	39.51	30.15	27.79	2.36	30.47	32.51	6,911.06	6,912.95	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	02/28/22	4.00	39.51	30.10	27.74	2.38	30.44	32.48	6,911.09	6,912.99	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	03/02/22	4.00	39.51	30.30	27.94	2.35	30.61	32.65	6,910.92	6,912.80	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	04/27/22	4.00	39.51	30.64	28.28	2.39	30.99	33.03	6,910.54	6,912.45	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	05/09/22	4.00	39.51	30.79	28.43	2.47	31.22	33.26	6,910.31	6,912.29	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	06/01/22	4.00	39.51	30.96	28.60	2.22	31.14	33.18	6,910.39	6,912.17	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	07/07/22	4.00	39.51	31.17	28.81	2.39	31.52	33.56	6,910.01	6,911.92	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	08/09/22	4.00	39.51	31.28	28.92	2.25	31.49	33.53	6,910.04	6,911.84	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	09/02/22	4.00	39.51	31.40	29.04	2.13	31.49	33.53	6,910.04	6,911.74	29.5 - 39.5	Chinle/Alluvial Interface

**TABLE 2B. 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)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Depth to Water (ft) TOC	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
RW-6	04/26/21	4.00	40.85	31.58	29.22	0.03	29.56	31.61	6,912.40	6,912.42	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	05/20/21	4.00	40.85	31.61	29.25	0.03	29.59	31.64	6,912.37	6,912.39	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	06/01/21	4.00	40.85	32.11	29.75	0.13	30.19	32.24	6,911.77	6,911.87	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	07/12/21	4.00	40.85	30.20	30.20	3.29	31.44	33.49	6,910.52	6,913.15	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	08/03/21	4.00	40.85	30.19	29.89	3.20	31.34	33.39	6,910.62	6,913.18	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	09/09/21	4.00	40.85	30.34	30.04	3.10	31.39	33.44	6,910.57	6,913.05	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	10/27/21	4.00	40.85	30.34	30.04	3.10	31.39	33.44	6,910.57	6,913.05	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	11/15/21	4.00	40.85	31.60	31.30	2.85	32.40	34.45	6,909.56	6,911.84	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	12/03/21	4.00	40.85	30.40	30.10	2.75	31.10	33.15	6,910.86	6,913.06	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	01/10/22	4.00	40.85	30.22	29.92	2.88	31.05	33.10	6,910.91	6,913.21	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	02/28/22	4.00	40.85	30.28	29.98	2.72	30.95	33.00	6,911.01	6,913.19	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	03/02/22	4.00	40.85	30.38	30.08	2.73	31.06	33.11	6,910.90	6,913.08	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	04/27/22	4.00	40.85	30.98	30.68	1.54	30.47	32.52	6,911.49	6,912.72	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	05/09/22	4.00	40.85	31.16	30.86	1.54	30.65	32.70	6,911.31	6,912.54	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	06/01/22	4.00	40.85	30.75	30.45	2.25	30.95	33.00	6,911.01	6,912.81	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	07/07/22	4.00	40.85	31.47	31.17	1.78	31.20	33.25	6,910.76	6,912.18	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	08/09/22	4.00	40.85	31.56	31.26	1.84	31.35	33.40	6,910.61	6,912.08	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	09/02/22	4.00	40.85	31.64	31.34	1.93	31.52	33.57	6,910.44	6,911.98	28.5 - 38.5	Chinle/Alluvial Interface

**TABLE 2B. 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)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Depth to Water (ft) TOC	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
STP1-NW	04/26/21	2.00	48.43	ND	ND	NA	20.84	20.81	6,883.66	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	05/20/21	2.00	47.72	ND	ND	NA	22.22	22.19	6,882.28	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	06/03/21	2.00	47.72	ND	ND	NA	22.19	22.16	6,882.31	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	07/12/21	2.00	47.72	ND	ND	NA	22.35	22.32	6,882.15	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	08/31/21	2.00	47.72	ND	ND	NA	21.78	21.75	6,882.72	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	09/08/21	2.00	47.72	ND	ND	NA	21.78	21.75	6,882.72	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	10/27/21	2.00	47.72	ND	ND	NA	22.03	22.00	6,882.47	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	11/17/21	2.00	47.72	ND	ND	NA	21.81	21.78	6,882.69	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	12/13/21	2.00	47.72	ND	ND	NA	21.55	21.52	6,882.95	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	01/10/22	2.00	47.72	ND	ND	NA	20.97	20.94	6,883.53	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	02/28/22	2.00	47.72	ND	ND	NA	21.12	21.09	6,883.38	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	03/02/22	2.00	47.72	ND	ND	NA	21.58	21.55	6,882.92	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	04/27/22	2.00	47.72	ND	ND	NA	22.90	22.87	6,881.60	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	05/05/22	2.00	47.72	ND	ND	NA	22.70	22.67	6,881.80	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	06/01/22	2.00	47.72	ND	ND	NA	21.30	21.27	6,883.20	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	07/07/22	2.00	47.72	ND	ND	NA	24.69	24.66	6,879.81	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	08/09/22	2.00	47.72	ND	ND	NA	24.22	24.19	6,880.28	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	09/02/22	2.00	47.72	ND	ND	NA	20.87	20.84	6,883.63	NA	20 - 50	Chinle/Alluvial Interface

**TABLE 2B. 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)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Depth to Water (ft) TOC	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
STP1-SW	04/26/21	2.00	29.16	ND	ND	NA	28.98	28.96	6,883.42	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	05/22/21	2.00	29.16	ND	ND	NA	29.72	29.70	6,882.68	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	06/03/21	2.00	29.16	ND	ND	NA	28.99	28.97	6,883.41	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	07/12/21	2.00	29.16	ND	ND	NA	DRY	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	08/31/21	2.00	29.16	ND	ND	NA	DRY	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	09/08/21	2.00	29.16	ND	ND	NA	DRY	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	10/27/21	2.00	29.16	ND	ND	NA	DRY	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	11/17/21	2.00	29.16	ND	ND	NA	DRY	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	12/09/21	2.00	29.16	ND	ND	NA	DRY	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	01/10/22	2.00	29.16	ND	ND	NA	DRY	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	02/28/22	2.00	29.16	ND	ND	NA	DRY	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	03/02/22	2.00	29.16	ND	ND	NA	DRY	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	04/27/22	2.00	29.16	ND	ND	NA	DRY	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	05/05/22	2.00	29.16	ND	ND	NA	DRY	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	06/01/22	2.00	29.16	ND	ND	NA	DRY	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	07/07/22	2.00	29.16	ND	ND	NA	DRY	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	08/09/22	2.00	29.16	ND	ND	NA	DRY	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	09/02/22	2.00	29.16	ND	ND	NA	DRY	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface

**TABLE 2B. 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)	Depth to SPH (ft-bgs)	SPH Column Thickness (ft)	Depth to Water (ft-bgs)	Depth to Water (ft) TOC	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
OW-70	09/08/21	2.00	47.70	ND	ND	NA	28.53	31.41	6,914.54	NA	32 - 47	Chinle/Alluvial Interface
OW-70	12/16/21	2.00	47.37	ND	ND	NA	28.71	31.59	6,914.36	NA	32 - 47	Chinle/Alluvial Interface
OW-70	03/02/22	2.00	47.37	ND	ND	NA	28.76	31.64	6,914.31	NA	32 - 47	Chinle/Alluvial Interface
OW-70	06/01/22	2.00	47.37	ND	ND	NA	29.24	32.12	6,913.83	NA	32 - 47	Chinle/Alluvial Interface
OW-70	09/02/22	2.00	47.37	ND	ND	NA	29.41	32.29	6,913.66	NA	32 - 47	Chinle/Alluvial Interface
OW-12A	09/08/21	2.00	35.50	ND	ND	NA	DRY	DRY	NA	NA	20 - 35	Chinle/Alluvial Interface
OW-12A	12/16/21	2.00	33.20	ND	ND	NA	26.14	25.55	6,917.51	NA	20 - 35	Chinle/Alluvial Interface
OW-12A	03/02/22	2.00	33.20	ND	ND	NA	26.25	25.66	6,917.40	NA	20 - 35	Chinle/Alluvial Interface
OW-12A	06/01/22	2.00	33.20	ND	ND	NA	26.79	26.20	6,916.86	NA	20 - 35	Chinle/Alluvial Interface
OW-12A	09/02/22	2.00	33.20	ND	ND	NA	26.61	26.02	6,917.04	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 3A. JULY 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-5	7/11/2022	14.68	14.83	Vac Truck	0.15	0.74	2.33	2.22	0.111	17.83	4	
MKTF-5	7/12/2022	15.02	15.93	Post Recovery	0.91							
MKTF-6				Vac Truck	0.00	0.74	0.00	0.00	0.000	23.79	4	Could not access due to mud
MKTF-6				Post Recovery	0.00							Could not access due to mud
MKTF-7	7/11/2022	15.08	15.11	Vac Truck	0.03	0.74	1.74	1.72	0.022	17.43	4	
MKTF-7	7/12/2022	17.13	17.19	Post Recovery	0.06							
MKTF-8	7/11/2022	15.76	16.15	Vac Truck	0.39	0.74	4.62	4.33	0.289	22.00	4	
MKTF-8	7/12/2022	17.68	18.12	Post Recovery	0.44							
MKTF-13				Vac Truck	0.00	0.74	0.00	0.00	0.000	22.13	4	Could not access due to mud
MKTF-13				Post Recovery	0.00							Could not access due to mud
MKTF-14	7/11/2022	6.09	6.35	Vac Truck	0.26	0.74	8.31	8.12	0.192	17.32	4	
MKTF-14	7/12/2022	7.75	8.12	Post Recovery	0.37							
MKTF-17R	7/11/2022	13.24	13.47	Vac Truck	0.23	0.16	1.86	1.83	0.037	24.67	2	
MKTF-17R	7/12/2022	15.03	15.18	Post Recovery	0.15							
MKTF-20	7/11/2022	NA	8.30	Vac Truck	0.00	0.74	0.00	0.00	0.000	9.62	4	No SPH detected
MKTF-20	7/12/2022	NA	9.43	Post Recovery	0.00							No SPH detected
MKTF-22	7/12/2022	25.47	27.42	Vac Truck	1.95	0.16	1.57	1.25	0.318	35.09	2	
MKTF-22	7/13/2022	27.81	29.38	Post Recovery	1.57							
MKTF-26	7/12/2022	NA	8.68	Vac Truck	0.00	0.16	0.00	0.00	0.000	16.89	2	No SPH detected
MKTF-26	7/13/2022	10.15	10.19	Post Recovery	0.04							
MKTF-33	7/12/2022	NA	23.25	Vac Truck	0.00	0.16	0.00	0.00	0.000	33.15	2	No SPH detected
MKTF-33	7/13/2022	28.11	28.14	Post Recovery	0.03							
MKTF-39	7/11/2022	10.96	11.18	Vac Truck	0.22	0.16	3.14	3.11	0.036	30.24	2	
MKTF-39	7/12/2022	12.30	12.61	Post Recovery	0.31							
MKTF-45	7/11/2022	15.39	15.57	Vac Truck	0.00	0.74	10.99	10.86	0.133	30.24	4	
MKTF-45	7/13/2022	17.93	18.06	Post Recovery	0.13							
MKTF-49	7/12/2022	21.45	23.48	Vac Truck	2.03	0.16	1.43	1.10	0.331	30.24	2	
MKTF-49	7/13/2022	23.50	25.39	Post Recovery	1.89							
						Total Extracted (gal)	35.99	34.52	1.47			

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 3B. JULY 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-61	7/13/2022	24.64	25.93	Vac Truck	1.29	0.74	2.49	1.53	0.955	28.0	4	
OW-61	7/14/2022	28.50	29.90	Post Recovery	1.40							
OW-65	7/13/2022	31.52	33.05	Vac Truck	1.53	0.74	4.06	2.92	1.132	37.0	4	
OW-65	7/14/2022	33.62	33.91	Post Recovery	0.29							
RW-1	7/13/2022	31.18	31.27	Vac Truck	0.09	0.74	8.78	8.71	0.067	43.0	4	
RW-1	7/14/2022	32.05	32.11	Post Recovery	0.06							
RW-2R	7/13/2022	23.51	25.77	Vac Truck	2.26	0.74	5.91	4.24	1.672	31.5	4	
RW-2R	7/14/2022	23.51	25.77	Post Recovery	2.26							
RW-5	7/13/2022	31.17	33.56	Vac Truck	2.39	0.74	6.23	4.46	1.769	39.6	4	
RW-5	7/14/2022	34.62	34.83	Post Recovery	0.21							
RW-6	7/13/2022	31.47	33.25	Vac Truck	1.78	0.74	6.98	5.66	1.317	40.9	4	
RW-6	7/14/2022	34.12	36.70	Post Recovery	2.58							
Total Extracted (gal)							34.44	27.53	6.91			

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 3C. AUGUST 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-5	8/9/2022	13.88	15.36	Vac Truck	1.48	0.74	2.92	1.83	1.095	17.83	4	
MKTF-5	8/10/2022	14.23	16.16	Post Recovery	1.93							
MKTF-6				Vac Truck	0.00	0.74	0.00	0.00	0.00	23.79	4	Could not access due to mud
MKTF-6				Post Recovery	0.00							Could not access due to mud
MKTF-7	8/9/2022	14.80	14.85	Vac Truck	0.05	0.74	1.95	1.91	0.037	17.43	4	
MKTF-7	8/10/2022	16.20	16.28	Post Recovery	0.08							
MKTF-8	8/9/2022	15.47	16.15	Vac Truck	0.68	0.74	4.83	4.33	0.503	22.00	4	
MKTF-8	8/10/2022	17.50	18.10	Post Recovery	0.60							
MKTF-13	8/22/2022	13.62	15.37	Vac Truck	1.75	0.74	6.30	5.00	1.295	22.13	4	
MKTF-13	8/23/2022	17.42	18.90	Post Recovery	1.48							
MKTF-14	8/22/2022	NA	6.98	Vac Truck	0.00	0.74	7.65	7.65	0.000	17.32	4	No SPH detected
MKTF-14	8/23/2022	8.77	8.78	Post Recovery	0.01							
MKTF-17R	8/8/2022	13.01	13.18	Vac Truck	0.17	0.16	1.90	1.87	0.028	24.67	2	
MKTF-17R	8/9/2022	14.93	15.08	Post Recovery	0.15							
MKTF-20	8/8/2022	NA	8.79	Vac Truck	0.00	0.74	0.61	0.61	0.000	9.62	4	No SPH detected
MKTF-20	8/9/2022	NA	9.61	Post Recovery	0.00							No SPH detected
MKTF-22	8/8/2022	25.43	27.04	Vac Truck	1.61	0.16	1.57	1.31	0.262	35.09	2	
MKTF-22	8/9/2022	27.84	29.40	Post Recovery	1.56							
MKTF-26	8/8/2022	NA	8.70	Vac Truck	0.00	0.16	1.33	1.33	0.000	16.89	2	No SPH detected
MKTF-26	8/9/2022	10.12	10.15	Post Recovery	0.03							
MKTF-33	8/8/2022	NA	23.22	Vac Truck	0.00	0.16	1.62	1.62	0.000	33.15	2	No SPH detected
MKTF-33	8/9/2022	28.10	28.16	Post Recovery	0.06							
MKTF-39	8/8/2022	10.76	10.94	Vac Truck	0.18	0.16	3.18	3.15	0.029	30.24	2	
MKTF-39	8/9/2022	12.10	12.28	Post Recovery	0.18							
MKTF-45	8/8/2022	15.19	15.36	Vac Truck	0.17	0.74	11.14	11.01	0.126	30.24	4	
MKTF-45	8/10/2022	18.18	18.31	Post Recovery	0.13							
MKTF-49	8/8/2022	21.29	22.86	Vac Truck	1.57	0.16	1.46	1.20	0.256	30.24	2	
MKTF-49	8/9/2022	23.23	24.83	Post Recovery	1.60							
						Total Extracted (gal)	46.46	42.83	3.63			

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 3D. AUGUST 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-61	8/9/2022	24.42	25.77	Vac Truck	1.35	0.74	2.65	1.65	0.999	28.0	4	
OW-61	8/10/2022	28.33	29.68	Post Recovery	1.35							
OW-65	8/9/2022	31.83	32.37	Vac Truck	0.54	0.74	3.83	3.43	0.400	37.0	4	
OW-65	8/10/2022	33.20	33.72	Post Recovery	0.52							
RW-1	8/22/2022	31.37	31.43	Vac Truck	0.06	0.74	8.64	8.59	0.044	43.0	4	
RW-1	8/23/2022	32.11	32.15	Post Recovery	0.04							
RW-2R	8/10/2022	23.69	25.97	Vac Truck	2.28	0.74	5.78	4.09	1.687	31.5	4	
RW-2R	8/11/2022	26.25	28.93	Post Recovery	2.68							
RW-5	8/10/2022	31.28	33.53	Vac Truck	2.25	0.74	6.15	4.48	1.665	39.6	4	
RW-5	8/11/2022	34.40	34.65	Post Recovery	0.25							
RW-6	8/10/2022	31.56	33.4	Vac Truck	1.84	0.74	6.91	5.55	1.362	40.9	4	
RW-6	8/11/2022	34.12	37.09	Post Recovery	2.97							
						Total Extracted (gal)	33.95	27.79	6.16			

Notes:

¹ = depth recorded from the top of the well casing

DTP = Depth to product

DTW = Depth to water

SPH = Separate Phase Hydrocarbon

ft = feet

gal = gallons

in = inches

Vac = Vacuum

23.69 25.97

26.25 28.93

31.56 33.4

34.12 37.09

TABLE 3E. SEPTEMBER 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-5	9/6/2022	14.37	16.06	Vac Truck	1.69	0.74	2.56	1.31	1.251	17.83	4	
MKTF-5	9/7/2022	14.01	14.15	Post Recovery	0.14							
MKTF-6				Vac Truck	0.00	0.74	0.00	0.00	0.000	23.79	4	Could not access due to mud
MKTF-6				Post Recovery	0.00							Could not access due to mud
MKTF-7	9/6/2022	14.76	14.88	Vac Truck	0.12	0.74	1.98	1.89	0.089	17.43	4	
MKTF-7	9/7/2022	16.18	16.26	Post Recovery	0.08							
MKTF-8	9/6/2022	15.36	16.78	Vac Truck	1.42	0.74	4.91	3.86	1.051	22.00	4	
MKTF-8	9/7/2022	17.43	18.07	Post Recovery	0.64							
MKTF-13	9/6/2022	13.68	15.11	Vac Truck	1.43	0.74	6.25	5.19	1.058	22.13	4	
MKTF-13	9/7/2022	16.98	17.85	Post Recovery	0.87							
MKTF-14	9/6/2022	7.18	7.29	Vac Truck	0.11	0.74	7.50	7.42	0.081	17.32	4	
MKTF-14	9/7/2022	8.70	8.81	Post Recovery	0.11							
MKTF-17R	9/5/2022	12.72	12.91	Vac Truck	0.19	0.16	1.95	1.92	0.031	24.67	2	
MKTF-17R	9/10/2022	14.23	14.38	Post Recovery	0.15							
MKTF-20	9/6/2022	NA	8.79	Vac Truck	0.00	0.74	0.61	0.61	0.000	9.62	4	No SPH detected
MKTF-20	9/7/2022	NA	8.92	Post Recovery	0.00							
MKTF-22	9/5/2022	25.51	27.79	Vac Truck	2.28	0.16	1.56	1.19	0.372	35.09	2	
MKTF-22	9/6/2022	26.24	28.13	Post Recovery	1.89							
MKTF-26	9/5/2022	NA	9.00	Vac Truck	0.00	0.16	1.29	1.29	0.000	16.89	2	No SPH detected
MKTF-26	9/6/2022	11.01	11.05	Post Recovery	0.04							
MKTF-33	9/5/2022	23.34	23.38	Vac Truck	0.04	0.16	1.60	1.59	0.007	33.15	2	
MKTF-33	9/6/2022	27.14	27.20	Post Recovery	0.06							
MKTF-39	9/5/2022	10.52	10.73	Vac Truck	0.21	0.16	3.21	3.18	0.034	30.24	2	
MKTF-39	9/6/2022	12.30	12.48	Post Recovery	0.18							
MKTF-45	9/6/2022	14.98	15.07	Vac Truck	0.09	0.74	11.29	11.23	0.067	30.24	4	
MKTF-45	9/7/2022	17.28	17.43	Post Recovery	0.15							
MKTF-49	9/5/2022	21.20	22.94	Vac Truck	1.74	0.16	1.47	1.19	0.284	30.24	2	
MKTF-49	9/6/2022	23.16	24.54	Post Recovery	1.38							
						Total Extracted (gal)	46.20	41.87	4.32			

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 3F. SEPTEMBER 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-61	9/19/2022	24.32	25.78	Vac Truck	1.46	0.74	2.72	1.64	1.080	28.0	4	
OW-61	9/20/2022	28.20	29.56	Post Recovery	1.36	0.00						
OW-65	9/19/2022	32.08	32.44	Vac Truck	0.36	0.74	3.64	3.37	0.266	37.0	4	
OW-65	9/20/2022	32.95	33.63	Post Recovery	0.68							
RW-1	9/19/2022	31.51	31.54	Vac Truck	0.03	0.74	8.53	8.51	0.022	43.0	4	
RW-1	9/20/2022	32.70	32.74	Post Recovery	0.04							
RW-2R	9/19/2022	23.97	26.2	Vac Truck	2.23	0.74	5.57	3.92	1.650	31.5	4	
RW-2R	9/20/2022	23.97	26.20	Post Recovery	2.23							
RW-5	9/19/2022	31.4	33.53	Vac Truck	2.13	0.74	6.06	4.48	1.576	39.6	4	
RW-5	9/20/2022	34.30	34.53	Post Recovery	0.23							
RW-6	9/19/2022	31.64	33.57	Vac Truck	1.93	0.74	6.85	5.42	1.428	40.9	4	
RW-6	9/20/2022	34.12	36.68	Post Recovery	2.56							
Total Extracted (gal)							33.38	27.36	6.02			

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

Date	Depth to SPH, ft												Depth to Water, ft												SPH Thickness, ft																Project Total gal/w, SPH*	Project Total Gal, SPH	Project Total gal/w, Water*	Project Total Gal, Water
	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	PZ-1	PZ-2	PZ-3	PZ-4	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	PZ-1	PZ-2	PZ-3	PZ-4	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	PZ-1	PZ-2	PZ-3	PZ-4								
11/29/2021	4.19	3.99	5.18	6.60	ND	NI	NI	NI	ND	ND	NI	NI	8.79	7.73	7.56	7.16	5.35	NI	NI	NI	NI	3.46	4.59	NI	NI	4.60	3.74	2.38	0.56	0.00	NI	NI	NI	NI	0.00	0.00	NI	NI						
11/30/2021	4.31	4.02	5.23	6.66	ND	NI	NI	NI	ND	ND	NI	NI	8.46	7.62	7.50	7.06	5.37	NI	NI	NI	NI	3.46	4.59	NI	NI	4.15	3.60	2.27	0.40	0.00	NI	NI	NI	NI	0.00	0.00	NI	NI						
12/1/2021	4.30	4.03	5.23	6.69	ND	NI	NI	NI	ND	ND	NI	NI	8.50	7.64	7.51	7.05	5.38	NI	NI	NI	NI	3.46	4.60	NI	NI	4.20	3.61	2.28	0.36	0.00	NI	NI	NI	NI	0.00	0.00	NI	NI						
12/2/2021	4.27	4.01	5.22	6.68	ND	NI	NI	NI	ND	ND	NI	NI	8.46	7.69	7.48	6.98	5.37	NI	NI	NI	NI	3.45	4.59	NI	NI	4.19	3.68	2.26	0.30	0.00	NI	NI	NI	NI	0.00	0.00	NI	NI						
12/6/2021	4.16	3.95	5.17	6.60	ND	NI	NI	NI	ND	ND	NI	NI	8.69	7.70	7.54	7.11	5.33	NI	NI	NI	NI	3.40	4.55	NI	NI	4.53	3.75	2.37	0.51	0.00	NI	NI	NI	NI	0.00	0.00	NI	NI	51.80	51.80	136.90	136.90		
12/7/2021	4.24	3.92	5.18	6.62	ND	NI	NI	NI	ND	ND	NI	NI	8.46	7.70	7.47	7.00	5.33	NI	NI	NI	NI	3.40	4.55	NI	NI	4.22	3.78	2.29	0.38	0.00	NI	NI	NI	NI	0.00	0.00	NI	NI						
12/8/2021	4.27	3.99	5.21	6.64	ND	NI	NI	NI	ND	ND	NI	NI	8.36	7.58	7.47	6.98	5.33	NI	NI	NI	NI	3.40	4.56	NI	NI	4.09	3.59	2.26	0.34	0.00	NI	NI	NI	NI	0.00	0.00	NI	NI						
12/9/2021	4.27	3.99	5.19	6.64	ND	NI	NI	NI	ND	ND	NI	NI	8.31	7.54	7.44	6.93	5.32	NI	NI	NI	NI	3.39	4.53	NI	NI	4.04	3.55	2.25	0.29	0.00	NI	NI	NI	NI	0.00	0.00	NI	NI						
12/13/2021	4.20	3.98	5.18	6.60	ND	NI	NI	NI	ND	ND	NI	NI	8.64	7.68	7.48	7.14	5.34	NI	NI	NI	NI	3.43	4.63	NI	NI	4.44	3.70	2.30	0.54	0.00	NI	NI	NI	NI	0.00	0.00	NI	NI	51.80	103.60	173.90	310.80		
12/14/2021	4.32	4.01	5.24	6.30	ND	NI	NI	NI	ND	ND	NI	NI	8.31	7.63	7.42	7.03	5.35	NI	NI	NI	NI	3.45	4.63	NI	NI	3.99	3.62	2.18	0.73	0.00	NI	NI	NI	NI	0.00	0.00	NI	NI						
12/16/2021	4.21	3.98	5.17	6.60	ND	NI	NI	NI	ND	ND	NI	NI	8.55	7.65	7.45	7.03	5.32	NI	NI	NI	NI	3.42	4.56	NI	NI	4.34	3.67	2.28	0.43	0.00	NI	NI	NI	NI	0.00	0.00	NI	NI						
12/20/2021	4.22	4.00	5.23	6.58	ND	NI	NI	NI	ND	ND	NI	NI	8.65	7.69	7.48	7.23	5.35	NI	NI	NI	NI	3.46	4.66	NI	NI	4.43	3.69	2.25	0.65	0.00	NI	NI	NI	NI	0.00	0.00	NI	NI	40.70	144.30	92.50	403.30		
12/21/2021	4.28	4.01	5.27	6.64	ND	NI	NI	NI	ND	ND	NI	NI	8.42	7.72	7.40	7.10	5.35	NI	NI	NI	NI	3.49	4.69	NI	NI	4.14	3.71	2.13	0.46	0.00	NI	NI	NI	NI	0.00	0.00	NI	NI						
12/22/2021	4.37	4.04	5.28	6.67	ND	NI	NI	NI	ND	ND	NI	NI	8.25	7.64	7.36	7.04	5.36	NI	NI	NI	NI	3.48	4.67	NI	NI	3.88	3.60	2.08	0.37	0.00	NI	NI	NI	NI	0.00	0.00	NI	NI	37.00	181.30	99.90	503.20		
1/10/2022	3.91	3.67	4.89	6.10	ND	NI	NI	NI	ND	ND	NI	NI	8.43	7.47	7.37	7.57	6.10	NI	NI	NI	NI	3.06	4.18	NI	NI	4.52	3.80	2.48	1.47	0.00	NI	NI	NI	NI	0.00	0.00	NI	NI						
1/11/2022	4.05	4.68	4.88	6.27	ND	NI	NI	NI	ND	ND	NI	NI	7.95	7.44	7.25	6.94	5.07	NI	NI	NI	NI	3.07	4.15	NI	NI	3.90	2.76	2.37	0.67	0.00	NI	NI	NI	NI	0.00	0.00	NI	NI						
1/12/2022	4.16	3.70	4.89	6.31	ND	NI	NI	NI	ND	ND	NI	NI	7.50	7.35	7.22	6.84	5.05	NI	NI	NI	NI	3.05	4.15	NI	NI	3.34	3.65	2.33	0.53	0.00	NI	NI	NI	NI	0.00	0.00	NI	NI						
1/13/2022	4.29	3.74	4.91	6.34	ND	NI	NI	NI	ND	ND	NI	NI	7.14	7.16	7.21	6.75	5.07	NI	NI	NI	NI	3.02	4.13	NI	NI	2.85	3.42	2.30	0.41	0.00	NI	NI	NI	NI	0.00	0.00	NI	NI	51.80	233.10	122.10	625.30		
1/17/2022	4.92	3.61	4.82	6.23	ND	NI	NI	NI	ND	ND	NI	NI	7.88	7.45	7.22	6.90	5.05	NI	NI	NI	NI	2.95	4.05	NI	NI	2.96	3.84	2.40	0.67	0.00	NI	NI	NI	NI	0.00	0.00	NI	NI						
1/18/2022	4.35	3.69	4.87	6.31	ND	NI	NI	NI	ND	ND	NI	NI	6.75	7.16	7.14	6.65	5.01	NI	NI	NI	NI	2.98	4.05	NI	NI	2.40	3.47	2.27	0.34	0.00	NI	NI	NI	NI	0.00	0.00	NI	NI						
1/19/2022	4.50	3.68	4.83	6.31	ND	NI	NI	NI	ND	ND	NI	NI	6.35	7.13	7.12	6.61	4.99	NI	NI	NI	NI	2.96	4.05	NI	NI	1.85	3.45	2.29	0.30	0.00	NI	NI	NI	NI	0.00	0.00	NI	NI						
1/20/2022	4.62	3.70	4.86	6.33	ND	NI	NI	NI	ND	ND	NI	NI	6.05	7.10	7.10	6.60	5.02	NI	NI	NI	NI	2.96	4.05	NI	NI	1.43	3.40	2.24	0.27	0.00	NI	NI	NI	NI	0.00	0.00	NI	NI	37.00	270.10	140.60	765.90		
1/24/2022	4.04	3.60	4.79	6.23	ND		7.71	9.53	ND	ND		5.95	8.41	7.58	7.35	7.17	6.71	4.98	9.97	ND	20.09	2.95	4.04	10.26	10.64	3.54	3.75	2.38	0.48	0.00		2.26	0.47	0.00	0.00	0.00	4.31	2.23						
1/25/2022	4.54	3.71	4.87	6.31	ND		7.71	9.52	ND	ND		5.46	8.39	6.25	6.99	7.08	6.63	5.01	9.86	ND	20.30	2.95	4.06	10.26	10.65	1.71	3.28	2.21	0.32	0.00		2.15	0.48	0.00	0.00	0.00	4.80	2.26						
1/27/2022	4.48	3.68	4.86	6.28	ND		7.72	9.53	ND	ND		5.95	8.41	6.40	7.21	7.18	6.65	5.01	9.86	ND	20.53	2.93	4.03	10.26	10.65	1.92	3.53	2.32	0.37	0.00		2.14	0.47	0.00	0.00	0.00	4.31	2.24	37.00	307.10	148.00	913.90		
1/31/2022	4.20	3.63	4.85	6.23	ND		7.69	9.52	ND	ND		5.95	8.39	7.09	7.35	7.18	6.73	5.00	9.66	ND	19.48	2.95	4.08	10.25	10.65	2.89	3.72	2.33	0.50	0.00		1.97	0.48	0.00	0.00	0.00	4.30	2.26						
2/1/2022	4.53	3.69	4.86	6.25	ND		7.70	9.50	ND	ND		5.92	8.38	6.14	6.95	7.09	6.57</																											

TABLE 4. SUMMARY OF BORROW PIT INTERIM MEASURE DATA
WESTERN REFINING SOUTHWEST, LLC
D/B/A MARATHON GALLUP REFINERY
GALLUP, NEW MEXICO

Date	Depth to SPH, ft												Depth to Water, ft												SPH Thickness, ft																Project Total gal/w, SPH*	Project Total Gal, SPH	Project Total gal/w, Water*	Project Total Gal, Water
	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	PZ-1	PZ-2	PZ-3	PZ-4	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	PZ-1	PZ-2	PZ-3	PZ-4	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	PZ-1	PZ-2	PZ-3	PZ-4								
4/4/2022	4.55	3.79	4.61	6.12	ND	7.01	9.34	ND	ND	ND	5.71	8.18	5.06	5.78	6.96	6.29	4.83	9.32	ND	19.16	2.60	3.98	9.77	10.64	0.51	1.99	2.35	0.17	0.00	2.31	0.66	0.00	0.00	0.00	0.00	4.06	2.46							
4/5/2022	4.59	4.00	4.71	6.12	ND	7.09	9.35	ND	ND	ND	5.77	8.17	4.94	5.18	6.73	6.28	4.83	9.32	ND	19.28	2.63	3.99	9.76	10.64	0.35	1.18	2.02	0.16	0.00	2.23	0.65	0.00	0.00	0.00	0.00	3.99	2.47							
4/6/2022	4.62	4.06	4.73	6.15	ND	7.13	9.34	ND	ND	ND	5.73	8.17	4.94	5.06	6.73	6.28	4.85	9.32	ND	19.34	2.63	4.00	9.75	10.64	0.32	1.00	2.00	0.13	0.00	2.19	0.66	0.00	0.00	0.00	0.00	4.02	2.47							
4/7/2022	4.65	4.07	4.77	6.18	ND	7.15	9.36	ND	ND	ND	5.75	8.17	4.93	5.11	6.75	6.29	4.86	9.32	ND	19.39	2.62	4.03	9.74	10.64	0.28	1.04	1.98	0.11	0.00	2.17	0.64	0.00	0.00	0.00	0.00	3.99	2.47	29.60	614.20	199.80	2645.50			
4/11/2022	4.56	3.80	4.63	6.13	ND	7.01	9.34	ND	ND	ND	5.71	8.16	5.03	5.76	6.97	6.27	4.84	9.32	ND	18.88	2.60	3.98	9.69	10.64	0.47	1.96	2.34	0.14	0.00	2.31	0.66	0.00	0.00	0.00	0.00	3.98	2.48							
4/12/2022	4.59	3.97	4.68	6.13	ND	7.06	9.32	ND	ND	ND	5.71	8.15	4.93	5.20	6.79	6.25	4.83	9.33	ND	18.12	2.59	3.96	9.69	10.64	0.34	1.23	2.11	0.12	0.00	2.27	0.68	0.00	0.00	0.00	0.00	3.98	2.49							
4/13/2022	4.65	4.09	4.78	6.20	ND	7.15	9.32	ND	ND	ND	5.76	8.18	4.92	5.01	6.74	6.31	4.88	9.33	ND	18.36	2.63	4.03	9.69	10.64	0.27	0.92	1.96	0.11	0.00	2.18	0.68	0.00	0.00	0.00	0.00	3.93	2.46							
4/14/2022	4.69	4.13	4.81	6.21	ND	7.19	9.34	ND	ND	ND	5.80	8.19	4.91	5.03	6.71	6.29	4.89	9.32	ND	19.63	2.69	4.08	9.69	10.64	0.22	0.90	1.90	0.08	0.00	2.13	0.66	0.00	0.00	0.00	0.00	3.89	2.45	14.80	629.00	236.80	2882.30			
4/19/2022	4.58	3.88	4.67	6.20	ND	7.03	9.35	19.54	ND	ND	5.76	8.20	5.07	5.65	6.98	6.24	4.90	9.32	ND	19.56	2.66	4.06	9.66	10.64	0.49	1.77	2.31	0.04	0.00	2.29	0.65	0.02	0.00	0.00	0.00	3.90	2.44							
4/20/2022	4.65	4.05	4.75	6.21	ND	7.14	9.35	ND	ND	ND	5.77	8.20	4.93	5.23	6.80	6.25	4.90	9.32	ND	19.60	2.67	4.06	9.66	10.64	0.28	1.18	2.05	0.04	0.00	2.18	0.65	0.00	0.00	0.00	0.00	3.89	2.44							
4/21/2022	4.64	4.08	4.75	6.22	ND	7.13	9.34	ND	ND	ND	5.78	8.19	4.95	5.12	6.81	6.27	4.92	9.31	ND	19.73	2.66	4.07	9.66	10.64	0.31	1.04	2.06	0.05	0.00	2.18	0.66	0.00	0.00	0.00	0.00	3.88	2.45	22.20	651.20	140.60	3022.90			
4/25/2022	4.70	4.01	4.72	6.27	ND	7.04	9.38	20.67	ND	ND	5.88	8.25	5.11	5.48	6.61	6.35	4.65	9.35	ND	20.71	2.74	4.17	9.65	10.64	0.41	1.47	1.89	0.08	0.00	2.31	0.62	0.04	0.00	0.00	0.00	3.77	2.39							
4/27/2022	4.67	4.06	4.75	6.25	ND	7.08	9.36	19.59	ND	ND	5.82	8.21	5.02	5.29	6.93	6.29	4.93	9.32	ND	19.60	2.73	4.10	9.63	10.64	0.35	1.23	2.18	0.04	0.00	2.24	0.64	0.01	0.00	0.00	0.00	3.81	2.43							
4/28/2022	4.67	4.12	4.80	6.24	ND	7.17	9.36	21.01	ND	ND	5.82	8.22	4.95	5.11	6.79	6.27	4.93	9.31	ND	21.02	2.72	4.12	9.62	10.64	0.28	0.99	1.99	0.03	0.00	2.14	0.64	0.01	0.00	0.00	0.00	3.80	2.42	14.80	666.00	136.90	3159.80			
5/2/2022	4.65	3.97	4.75	6.27	ND	7.07	9.37	20.22	ND	ND	5.84	8.22	5.08	5.61	7.03	6.32	4.98	9.32	ND	20.25	2.73	4.16	9.61	10.64	0.43	1.64	2.28	0.05	0.00	2.25	0.63	0.03	0.00	0.00	0.00	3.77	2.42							
5/3/2022	4.70	4.15	4.84	6.27	ND	7.20	9.38	19.66	ND	ND	5.84	8.22	4.99	5.13	6.79	6.32	4.98	9.32	ND	19.67	2.74	4.17	9.60	10.64	0.29	0.98	1.95	0.05	0.00	2.12	0.62	0.01	0.00	0.00	0.00	3.76	2.42							
5/4/2022	4.70	4.18	4.83	6.28	ND	7.24	9.38	21.21	ND	ND	5.86	8.22	4.98	5.06	6.75	6.33	4.98	9.30	ND	21.22	2.71	4.19	9.60	10.64	0.28	0.88	1.92	0.05	0.00	2.06	0.62	0.01	0.00	0.00	0.00	3.74	2.42							
5/5/2022	4.74	4.24	4.91	6.32	ND	7.25	9.40	ND	ND	ND	5.89	8.25	4.99	5.03	6.78	6.36	5.02	9.31	ND	21.16	2.79	4.22	9.62	10.64	0.25	0.79	1.87	0.04	0.00	2.06	0.60	0.00	0.00	0.00	0.00	3.73	2.39	22.20	688.20	185.00	3344.80			
5/9/2022	4.67	4.03	4.77	6.30	ND	7.10	9.39	ND	ND	ND	5.86	8.25	5.06	5.55	7.06	6.35	5.00	9.32	ND	19.79	2.72	4.21	9.61	10.64	0.39	1.52	2.29	0.05	0.00	2.22	0.61	0.00	0.00	0.00	0.00	3.75	2.39							
5/10/2022	4.75	4.19	4.91	6.34	ND	7.24	9.42	ND	ND	ND	5.90	8.26	5.04	5.23	6.85	6.38	5.04	9.32	ND	20.87	2.81	4.26	9.61	10.64	0.29	1.04	1.94	0.04	0.00	2.08	0.58	0.00	0.00	0.00	0.00	3.71	2.38							
5/11/2022	4.77	4.23	4.93	6.34	ND	7.29	9.42	ND	ND	ND	5.92	8.28	4.97	5.14	6.79	6.38	5.04	9.29	ND	21.04	2.84	4.28	9.63	10.64	0.20	0.91	1.86	0.04	0.00	2.00	0.58	0.00	0.00	0.00	0.00	3.71	2.36							
5/12/2022	4.79	4.28	4.96	6.38	ND	7.32	9.43	ND	ND	ND	5.93	8.28	4.99	5.11	6.79	6.40	5.06	9.21	ND	20.66	2.85	4.31	9.63	10.64	0.20	0.83	1.83	0.02	0.00	1.89	0.57	0.00	0.00	0.00	0.00	3.70	2.36	22.20	710.40	192.40	3537.20			
5/16/2022	4.79	4.20	4.93	6.36	ND	7.31	9.42	20.48	ND	ND	5.94	8.30	5.08	5.52	7.02	6.41	5.06	9.33	ND	20.50	2.88	4.28	9.64	10.66	0.29	1.32	2.09	0.05	0.00	2.02	0.58	0.02	0.00	0.00	0.00	3.70	2.36							
5/18/2022	4.79	4.20	4.89	6.																																								

TABLE 4. SUMMARY OF BORROW PIT INTERIM MEASURE DATA
WESTERN REFINING SOUTHWEST, LLC
D/B/A MARATHON GALLUP REFINERY
GALLUP, NEW MEXICO

Date	Depth to SPH, ft												Depth to Water, ft												SPH Thickness, ft																Project Total gal/w, SPH*	Project Total Gal, SPH	Project Total gal/w, Water*	Project Total Gal, Water
	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	PZ-1	PZ-2	PZ-3	PZ-4	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	PZ-1	PZ-2	PZ-3	PZ-4	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	PZ-1	PZ-2	PZ-3	PZ-4								
8/8/2022	4.97	4.55	5.04	6.54	ND	7.28	9.58	ND	ND	ND	6.08	8.42	5.01	4.96	7.03	6.58	5.27	9.32	ND	18.17	2.88	3.89	9.63	10.65	0.04	0.41	1.99	0.04	0.00	2.04	0.42	0.00	0.00	0.00	3.55	2.23								
8/9/2022	4.45	4.50	5.00	6.53	ND	7.27	9.59	ND	ND	ND	6.07	8.42	4.99	5.00	7.15	6.55	5.26	9.31	ND	18.05	2.90	3.88	9.63	10.65	0.54	0.50	2.15	0.02	0.00	2.04	0.41	0.00	0.00	0.00	3.56	2.23								
8/10/2022	4.97	4.63	5.19	6.53	ND	7.42	9.60	ND	ND	ND	6.08	8.43	5.01	4.94	6.68	6.56	5.27	9.31	ND	18.20	2.91	3.93	9.64	10.65	0.04	0.31	1.49	0.03	0.00	1.89	0.40	0.00	0.00	0.00	3.56	2.22								
8/11/2022	ND	ND	5.23	6.53	ND	7.47	9.60	ND	ND	ND	6.07	8.43	4.96	4.64	6.53	6.54	5.26	9.31	ND	17.87	2.90	3.94	9.63	10.65	0.00	0.00	1.30	0.01	0.00	1.84	0.40	0.00	0.00	0.00	3.56	2.22	14.80	917.60	207.20	5727.60				
8/15/2022	ND	ND	5.04	6.54	ND	7.30	9.67	ND	ND	ND	6.10	8.45	5.02	4.53	6.10	6.56	5.12	9.31	ND	17.61	2.94	4.09	9.69	10.65	0.00	0.00	1.06	0.02	0.00	2.01	0.33	0.00	0.00	0.00	3.59	2.20								
8/16/2022	ND	ND	5.19	6.53	ND	7.36	9.62	ND	ND	ND	6.09	8.43	5.04	4.45	6.32	6.56	5.21	9.31	ND	17.71	2.92	4.08	9.79	10.65	0.00	0.00	1.13	0.03	0.00	1.95	0.38	0.00	0.00	0.00	3.70	2.22	3.70	921.30	92.50	5820.10				
8/22/2022	5.06	4.53	5.11	6.61	ND	7.33	9.63	17.99	ND	ND	6.14	8.47	5.10	5.30	7.17	6.65	5.33	9.32	ND	18.00	3.12	4.33	9.80	10.65	0.04	0.77	2.06	0.04	0.00	1.99	0.37	0.01	0.00	0.00	3.66	2.18								
8/23/2022	5.06	4.69	5.25	6.60	ND	7.46	9.64	ND	ND	ND	6.12	8.47	5.08	5.15	6.73	6.63	5.32	9.31	ND	17.98	3.11	4.34	9.80	10.65	0.02	0.46	1.48	0.03	0.00	1.85	0.36	0.00	0.00	0.00	3.68	2.18								
8/24/2022	5.05	4.70	5.29	6.62	ND	7.48	9.63	ND	ND	ND	6.12	8.48	5.08	5.06	6.67	6.63	5.33	9.31	ND	17.40	3.09	4.36	9.81	10.65	0.03	0.36	1.38	0.01	0.00	1.83	0.37	0.00	0.00	0.00	3.69	2.17								
8/25/2022	5.06	4.77	5.35	6.63	ND	7.50	9.64	ND	ND	ND	6.12	8.48	5.08	5.04	6.56	6.64	5.34	9.30	ND	18.98	3.10	4.37	9.81	10.65	0.02	0.27	1.21	0.01	0.00	1.80	0.36	0.00	0.00	0.00	3.69	2.17	18.50	939.80	210.90	6031.00				
8/29/2022	5.03	4.56	5.73	6.65	ND	7.33	9.63	ND	ND	ND	6.11	8.47	5.06	5.16	7.19	6.65	5.34	9.31	ND	18.60	3.06	4.41	9.81	10.65	0.03	0.60	1.46	0.00	0.00	1.98	0.37	0.00	0.00	0.00	3.70	2.18								
8/30/2022	5.05	4.58	5.12	6.63	ND	7.33	9.63	ND	ND	ND	6.12	8.48	5.08	5.22	7.24	6.65	5.34	9.31	ND	18.96	3.12	4.44	9.81	10.65	0.03	0.64	2.12	0.02	0.00	1.98	0.37	0.00	0.00	0.00	3.69	2.17								
9/1/2022	5.04	4.59	5.27	ND	ND	7.34	9.64	ND	ND	ND	6.12	8.49	5.06	5.16	7.09	6.61	5.34	9.31	ND	18.86	3.10	4.46	9.81	10.65	0.02	0.57	1.82	0.00	0.00	1.97	0.36	0.00	0.00	0.00	3.69	2.16	11.10	950.90	151.70	6182.70				
9/5/2022	5.07	4.59	5.12	6.65	ND	7.35	9.65	ND	ND	ND	6.15	8.50	5.12	5.26	7.31	6.70	5.38	9.30	ND	18.79	3.17	4.56	9.86	10.65	0.05	0.67	2.19	0.05	0.00	1.95	0.35	0.00	0.00	0.00	3.71	2.15								
9/6/2022	5.09	4.68	5.32	6.68	ND	7.48	9.68	ND	ND	ND	6.17	8.51	5.13	5.14	6.84	6.69	5.39	9.30	ND	19.39	3.20	4.57	9.88	10.65	0.04	0.46	1.52	0.01	0.00	1.82	0.32	0.00	0.00	0.00	3.71	2.14								
9/7/2022	5.13	4.72	5.38	6.72	ND	7.51	9.68	ND	ND	ND	6.19	8.53	5.16	5.11	6.78	6.73	5.43	9.31	ND	19.27	3.25	4.64	9.90	10.65	0.03	0.39	1.40	0.01	0.00	1.80	0.32	0.00	0.00	0.00	3.71	2.12								
9/8/2022	5.11	4.73	5.40	6.71	ND	7.50	9.68	ND	ND	ND	6.19	8.54	5.15	5.11	6.80	6.73	5.44	9.30	ND	19.28	3.25	4.64	9.91	10.65	0.04	0.38	1.40	0.02	0.00	1.80	0.32	0.00	0.00	0.00	3.72	2.11	13.69	964.59	177.60	6360.30				
9/13/2022	5.25	4.68	5.28	6.80	ND	7.45	9.70	ND	ND	ND	6.28	8.62	5.30	5.51	7.32	6.84	5.49	9.29	ND	19.46	4.46	4.80	10.01	10.72	0.05	0.83	2.04	0.04	0.00	1.84	0.30	0.00	0.00	0.00	3.73	2.10								
9/14/2022	5.26	4.77	5.47	6.81	ND	7.55	9.73	ND	ND	ND	6.29	8.60	5.32	5.39	6.89	6.82	5.48	9.31	ND	18.79	3.49	4.85	10.15	10.65	0.06	0.62	1.42	0.01	0.00	1.76	0.27	0.00	0.00	0.00	3.86	2.05								
9/15/2022	5.27	4.74	5.40	6.82	ND	7.50	9.73	ND	ND	ND	6.30	8.59	5.33	5.54	7.13	6.84	5.49	9.31	ND	18.66	3.51	4.86	10.16	10.65	0.06	0.80	1.73	0.02	0.00	1.81	0.27	0.00	0.00	0.00	3.86	2.06	11.10	975.69	159.10	6519.40				
9/19/2022	5.26	4.55	5.29	6.82	ND	7.49	9.76	19.96	ND	ND	6.29	8.61	5.40	6.10	7.47	6.85	5.50	9.31	ND	19.97	3.53	4.92	10.22	10.65	0.14	1.55	2.18	0.03	0.00	1.82	0.24	0.01	0.00	0.00	3.93	2.04								
9/20/2022	5.27	4.75	5.49	6.82	ND	7.58	9.71	ND	ND	ND	6.29	8.61	5.37	5.53	6.91	6.84	5.50	9.30	ND	20.48	3.53	4.92	10.22	10.65	0.10	0.78	1.42	0.02	0.00	1.72	0.29	0.00	0.00	0.00	3.93	2.04	7.40	983.09	88.80	6608.20				
9/26/2022	4.48	5.30	6.80	5.51	ND	7.50	9.76	ND	ND	ND	6.25	8.62	6.21	7.52	6.89	5.53	5.25	9.31	ND	20.13	3.48	4.61	10.22	10.68	1.73	2.22	0.09	0.02	0.00	1.81	0.24	0.00	0.00	0.00	3.97	2.06								
9/27/2022	4.55	5.29	6.88	5.50	ND	7.52	9.75	ND	ND	ND	6.27	8.61	5.60	6.41	6.91	5.90	5.31	9.30	ND	20.08	3.50	4.67	10.22	10.67	1.05	1.12	0.03	0.40	0.00	1.78	0.25	0.00	0.00	0.00	3.95	2.06								
9/28/2022	5.25	4.78	5.65	6.82	ND	7.51	9.76	ND	ND	ND	6.28	8.62	5.40	5.42	6.73	6.86	5.51	9.30	ND	20.34	3.39	4.61	10.21	10.65	0.15	0.64	1.08	0.04	0.00	1.79	0.24	0.00	0.00	0.00	3.93	2.03								
9/29/2022	5.24	4.78	5.58	6.83	ND	7.57	9.78	ND	ND	ND	6.28	8.62	5.40	5.41	6.71	6.85	5.50	9.30	ND	21.09	3.40	4.62	10.22	10.65	0.16	0.63	1.13	0.02	0.00	1.73	0.22	0.00	0.00	0.00	3.94	2.03	14.80	997.89	185.00	6793.20				
Change	0.20	0.04	0.22	0.20	NA	0.03	0.13	NA	NA	NA	0.16	0.14	0.18	0.24	0.18	0.20	0.16	0.01	NA	0.07	0.24	0.25	0.30	0.01	-0.02	0.20	-0.04	0.00	0.00	-0.02	-0.13	0.00	0.00	0.00	0.14	-0.13	NA	NA	NA	NA				

(6/30/22-9/29/22)

Notes: w- week NA - not applicable NM - not measured NI - not installed Total depth of sumps: S-1 = 10.4 ft, S-2 = 8 ft, S-3 = 8 ft, S-4 = 8 ft, S-5 = 8 ft, S-6 = 10 ft, S-7 = 10ft, S-8 = 30 ft
gal - gallons ND - not detected ft - feet below stick up SPH - separate phase hydrocarbon
*estimated gal/day based on fluid levels from 5/10/21 through 11/23/21. After 11/23/21, total fluids were placed in a tote and calculated weekly, 1 inch = 7.4 gal
Data from 5/10/21 to 11/23/21 has been removed due to inaccurate volume estimates

Total SPH recovered for Q3 2022	169.09
Total water recovered for Q3 2022	2134.90

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

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

CONDITIONS

Action 152674

CONDITIONS

Operator: Western Refining Southwest LLC 539 South Main Street Findlay, OH 45840	OGRID: 267595
	Action Number: 152674
	Action Type: [UF-DP] Discharge Permit (DISCHARGE PERMIT)

CONDITIONS

Created By	Condition	Condition Date
jburdine	Accepted for Record Retention Purposes-Only	11/23/2022