

**Western Refining Southwest LLC**

A subsidiary of Marathon Petroleum Corporation

I-40 Exit 39
Jamestown, NM 87347

April 22, 2022

Mr. Kevin Pierard, 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 First Quarter Status Report
Western Refining Southwest LLC
(dba Marathon Gallup Refinery)
EPA ID# NMD000333211

Dear Mr. Pierard,

Please find enclosed the Hydrocarbon Seep Interim Measures Status Report for the first quarter of 2022 for the Marathon Gallup Refinery. 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 cursive script that reads 'Ruth A. Cade'.

Ruth Cade
Vice-President

Enclosure

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

**QUARTERLY STATUS REPORT
HYDROCARBON SEEP INTERIM MEASURES
WESTERN REFINING SOUTHWEST LLC
D/B/A MARATHON GALLUP REFINERY
1st Quarter 2022**

This document provides the 1st Quarter 2022 Status Report for Interim Measures (IM) activities associated with the Hydrocarbon Seep Area at Western Refining Southwest LLC, D/B/A Marathon Gallup Refinery (MGR), Gallup, New Mexico. 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 1st quarter of 2022. Activities and observations of note for the Hydrocarbon Seep Area include:

- There were 14,200 gallons (gals) of water and no measurable SPH recovered from the standpipe sumps (S1 – S6) during the 1st quarter.
- There was no recovery from the retention ditch during this quarter as there was no standing water.

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 4th quarter of 2021, there was no notable change in fluid level trends in MKTF wells upgradient and in the vicinity of the Hydrocarbon Seep area, with most fluid levels fluctuating between +/- 0.25 feet (ft). The exceptions are MKTF-11 which increased by 0.56 ft and MKTF-20 and MKTF-21 which were both dry this quarter.

Fluid Recovery

Fluid recovery in MKTF wells upgradient of the Hydrocarbon Seep Area, with recoverable SPH, continued during the 1st Quarter of 2022 using a vacuum truck. A total of 252 gals of water and 38 gals of SPH were extracted in the 1st Quarter. The SPH extraction data are shown in Tables 3A through 3F. As requested in Comment 2 in NMED's *Approval with Modifications Hydrocarbon Seep Interim Measures 2020 Fourth Quarter Status Report*, dated March 30, 2021, fluid levels are taken 24 hours after vacuum truck extractions and are presented in Tables 3A through 3F.

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. MGR will continue to monitor the area and if substantial 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 monitored monthly for indications of SPH (Figure 2). The water seep area was inspected each month in the 1st quarter and was found to be dry and had no evidence of SPH.

Borrow Pit Activities

Five sumps and two piezometers were installed in the Borrow Pit west of the Truck Loading Rack after a gasoline seep was found in the area (Figure 2). Vacuum truck fluid recovery from these sumps began on May 10, 2021. An additional 3 sumps and an additional 2 piezometers were installed in January 2022 (Figure 2). Fluid recovery from the additional sumps, S-6, S-7, and S-8, began on January 10, 2022. Fluid recovery from all the sumps is conducted four days a week, weather permitting. 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 (Table 4A). SPH in S-4 has stabilized and stopped increasing during the 1st quarter of 2022. SPH thickness in S-5 has been limited to a film (0.01 ft thickness) during the 4th quarter of 2021, and not been detected during the 1st quarter 2022. No SPH has been detected in PZ-1 or PZ-2 since installation. An estimated total of 403 gals of SPH and 1,943 gals of water were recovered in the 1st quarter (Table 4B). Prior to November 23, 2021, fluid recovery estimates were based on sump depths, widths, and fluid level data. 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.

2nd Quarter 2022 IM Activities

Following is a list of activities that are associated with ongoing IM activities to be completed in the 2nd 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 - MGR 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).

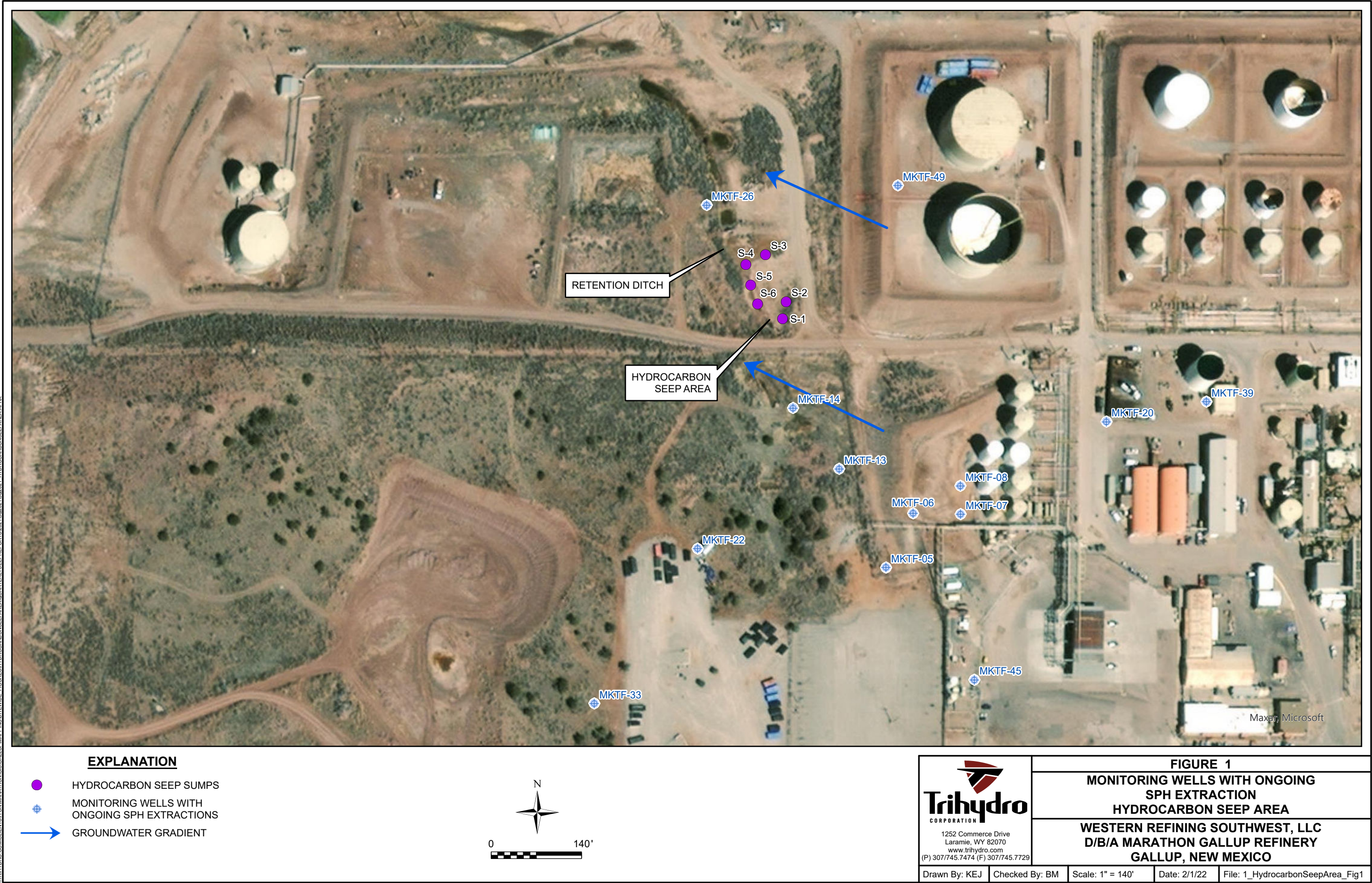
Sanitary Lagoon Investigation

The Sanitary Lagoon Investigation Phase II was complete on September 19th, 2021 (Figure 3). The investigation report was submitted to NMED on March 11, 2022.

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

- **Sour Naphtha Investigation** - The Sour Naphtha Investigation Work Plan (IWP) was submitted to NMED on September 28, 2021, to investigate the extent of impacts from the March 26, 2017, sour naphtha release. NMED's *Disapproval Sour Naphtha Release Investigation Work Plan* was received on November 23, 2021. The response to disapproval comments and revised work plan were submitted to NMED on February 4, 2022. Pending NMED approval, the Sour Naphtha Investigation will be conducted during the 2nd quarter 2022.
- **The Heat Exchanger Bundle Pad** – The Heat Exchanger Bundle Pad Investigation will be conducted to determine the source of benzene exceedances found in MKTF-16. The Heat Exchanger Bundle Pad Investigation Work Plan Response to Comments was submitted to NMED on March 11, 2022. Pending NMED approval, the investigation will be conducted during the 2nd quarter 2022.
- **AOC 35** - An 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 will be submitted to NMED by April 31, 2022.

FIGURES





Service Layer Credits: Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

EXPLANATION

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

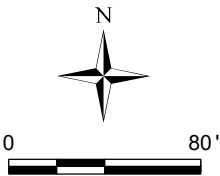


FIGURE 2

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

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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 Recovery Volumes			
1/28/2021	-	4,500	4,500
2/22/2021	-	4,500	4,500
3/31/2021	-	4,000	4,000
1st Quarter 2021 Totals	-	13,000	13,000
4/22/2021	-	5,400	5,400
5/12/2021	-	4,800	4,800
6/7/2021	-	4,500	4,500
2nd Quarter 2021 Totals	-	14,700	14,700
7/13/2021	-	4,500	4,500
8/5/2021	-	4,800	4,800
9/13/2021	-	4,800	4,800
3rd Quarter 2021 Totals	-	14,100	14,100
10/6/2021		5,000	5,000
11/17/2021		4,600	4,600
12/13/2021		4,050	4,050
4th Quarter 2021 Totals	-	13,650	13,650
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
Project Totals	19,009	1,785,713	1,804,724

**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
1st Quarter 2021 Totals	Dry	Dry	Dry
2nd Quarter 2021 Totals	Dry	Dry	Dry
3rd Quarter 2021 Totals	Dry	Dry	Dry
4th Quarter 2021 Totals	Dry	Dry	Dry
1st 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)	SPH Column Thickness (ft)	Depth to Water (ft)	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	7.60	0.48	8.08	6,912.59	6912.97	5 - 15	Chinle/Alluvium Interface
MKTF-01	02/28/21	4.00	17.45	5.70	0.23	5.93	6,914.74	6914.92	5 - 15	Chinle/Alluvium Interface
MKTF-01	03/31/21	4.00	17.45	6.09	0.24	6.33	6,914.34	6914.53	5 - 15	Chinle/Alluvium Interface
MKTF-01	04/26/21	4.00	17.45	5.88	0.34	6.22	6,914.45	6914.72	5 - 15	Chinle/Alluvium Interface
MKTF-01	05/20/21	4.00	17.45	6.41	0.36	6.77	6,913.90	6914.19	5 - 15	Chinle/Alluvium Interface
MKTF-01	06/01/21	4.00	17.38	5.81	0.31	6.12	6,914.55	6914.80	5 - 15	Chinle/Alluvium Interface
MKTF-01	07/06/21	4.00	17.38	5.74	0.44	6.18	6,914.49	6914.84	5 - 15	Chinle/Alluvium Interface
MKTF-01R	08/31/21	4.00	18.00	ND	NA	3.40	6,918.22	NA	3 - 18	Chinle/Alluvium Interface
MKTF-01R	09/09/21	4.00	18.00	ND	NA	3.52	6,918.10	NA	3 - 18	Chinle/Alluvium Interface
MKTF-01R	10/27/21	4.00	18.00	ND	NA	3.72	6,917.90	NA	3 - 18	Chinle/Alluvium Interface
MKTF-01R	11/17/21	4.00	18.00	ND	NA	3.61	6,918.01	NA	3 - 18	Chinle/Alluvium Interface
MKTF-01R	12/03/21	4.00	18.10	ND	NA	3.35	6,918.27	NA	3 - 18	Chinle/Alluvium Interface
MKTF-01R	01/28/22	4.00	18.10	ND	NA	3.30	6,918.32	NA	3 - 18	Chinle/Alluvium Interface
MKTF-01R	02/28/22	4.00	18.10	ND	NA	3.40	6,918.22	NA	3 - 18	Chinle/Alluvium Interface
MKTF-01R	03/01/22	4.00	18.11	ND	NA	3.36	6,918.26	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)	SPH Column Thickness (ft)	Depth to Water (ft)	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	0.00	7.75	6,909.70	NA	7 - 17	Chinle/Alluvium Interface
MKTF-02	02/28/21	4.00	20.54	ND	0.00	7.14	6,910.31	NA	7 - 17	Chinle/Alluvium Interface
MKTF-02	03/31/21	4.00	20.54	ND	0.00	7.84	6,909.61	NA	7 - 17	Chinle/Alluvium Interface
MKTF-02	04/26/21	4.00	20.54	ND	0.00	7.78	6,909.67	NA	7 - 17	Chinle/Alluvium Interface
MKTF-02	05/20/21	4.00	20.54	ND	0.00	8.11	6,909.34	NA	7 - 17	Chinle/Alluvium Interface
MKTF-02	06/01/21	4.00	20.54	ND	0.00	8.02	6,909.43	NA	7 - 17	Chinle/Alluvium Interface
MKTF-02	07/06/21	4.00	20.54	ND	0.00	8.08	6,909.37	NA	7 - 17	Chinle/Alluvium Interface
MKTF-02R	08/31/21	4.00	21.50	ND	0.00	16.10	6,906.83	NA	6.5 - 21.5	Chinle/Alluvium Interface
MKTF-02R	09/17/21	4.00	21.50	ND	0.00	16.58	6,900.87	NA	6.5 - 21.5	Chinle/Alluvium Interface
MKTF-02R	10/27/21	4.00	21.50	ND	0.00	12.95	6,904.50	NA	6.5 - 21.5	Chinle/Alluvium Interface
MKTF-02R	11/17/21	4.00	21.50	ND	0.00	11.48	6,905.97	NA	6.5 - 21.5	Chinle/Alluvium Interface
MKTF-02R	12/15/21	4.00	21.49	ND	0.00	10.18	6,907.27	NA	6.5 - 21.5	Chinle/Alluvium Interface
MKTF-02R	01/10/22	4.00	21.49	ND	0.00	10.15	6,907.30	NA	6.5 - 21.5	Chinle/Alluvium Interface
MKTF-02R	02/28/22	4.00	21.49	ND	0.00	10.10	6,907.35	NA	6.5 - 21.5	Chinle/Alluvium Interface
MKTF-02R	03/02/22	4.00	21.49	ND	0.00	10.20	6,907.25	NA	6.5 - 21.5	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)	SPH Column Thickness (ft)	Depth to Water (ft)	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	7.80	0.93	8.73	6,922.96	6923.70	3 - 18	Chinle/Alluvium Interface
MKTF-03	02/28/21	4.00	18.62	7.46	0.93	8.39	6,923.30	6924.04	3 - 18	Chinle/Alluvium Interface
MKTF-03	03/31/21	4.00	18.62	7.20	1.03	8.23	6,923.46	6924.28	3 - 18	Chinle/Alluvium Interface
MKTF-03	04/26/21	4.00	18.62	7.11	0.80	7.91	6,923.78	6924.42	3 - 18	Chinle/Alluvium Interface
MKTF-03	05/20/21	4.00	18.62	7.28	1.09	8.37	6,923.32	6924.19	3 - 18	Chinle/Alluvium Interface
MKTF-03	06/01/21	4.00	18.62	7.33	1.13	8.46	6,923.23	6924.13	3 - 18	Chinle/Alluvium Interface
MKTF-03	07/06/21	4.00	18.62	7.45	0.88	8.33	6,923.36	6924.06	3 - 18	Chinle/Alluvium Interface
MKTF-03	08/25/21	4.00	18.62	7.75	1.25	9.00	6,922.69	6923.69	3 - 18	Chinle/Alluvium Interface
MKTF-03	09/09/21	4.00	18.62	7.33	1.13	8.46	6,923.23	6924.13	3 - 18	Chinle/Alluvium Interface
MKTF-03	10/27/21	4.00	18.62	7.40	1.86	9.26	6,922.43	6923.92	3 - 18	Chinle/Alluvium Interface
MKTF-03	11/17/21	4.00	18.62	7.55	1.65	9.20	6,922.49	6923.81	3 - 18	Chinle/Alluvium Interface
MKTF-03	12/15/21	4.00	18.62	7.67	1.26	8.93	6,922.76	6923.77	3 - 18	Chinle/Alluvium Interface
MKTF-03	01/10/22	4.00	18.62	7.00	1.31	8.31	6,923.38	6924.43	3 - 18	Chinle/Alluvium Interface
MKTF-03	02/28/22	4.00	18.62	7.75	1.25	9.00	6,922.69	6923.69	3 - 18	Chinle/Alluvium Interface
MKTF-03	03/02/22	4.00	18.64	7.70	1.20	8.90	6,922.79	6923.75	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)	SPH Column Thickness (ft)	Depth to Water (ft)	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	0.00	10.14	6,923.43	NA	10 - 22	Chinle/Alluvium Interface
MKTF-04	02/28/21	4.00	22.72	9.84	0.12	9.96	6,923.61	6923.71	10 - 22	Chinle/Alluvium Interface
MKTF-04	03/31/21	4.00	22.72	9.21	0.02	9.23	6,924.34	6924.36	10 - 22	Chinle/Alluvium Interface
MKTF-04	04/26/21	4.00	22.72	9.20	0.02	9.22	6,924.35	6924.37	10 - 22	Chinle/Alluvium Interface
MKTF-04	05/20/21	4.00	22.72	9.28	0.10	9.38	6,924.19	6924.27	10 - 22	Chinle/Alluvium Interface
MKTF-04	06/01/21	4.00	22.72	9.19	0.03	9.22	6,924.35	6924.37	10 - 22	Chinle/Alluvium Interface
MKTF-04	07/06/21	4.00	22.72	ND	NA	9.16	6,924.41	NA	10 - 22	Chinle/Alluvium Interface
MKTF-04R	08/30/21	4.00	19.20	ND	NA	9.60	6,928.36	NA	4 - 19	Chinle/Alluvium Interface
MKTF-04R	09/17/21	4.00	19.20	ND	NA	9.95	6,928.01	NA	4 - 19	Chinle/Alluvium Interface
MKTF-04R	10/27/21	4.00	19.20	ND	NA	9.40	6,928.56	NA	4 - 19	Chinle/Alluvium Interface
MKTF-04R	11/17/21	4.00	19.20	ND	NA	9.49	6,928.47	NA	4 - 19	Chinle/Alluvium Interface
MKTF-04R	12/03/21	4.00	19.20	ND	NA	9.65	6,928.31	NA	4 - 19	Chinle/Alluvium Interface
MKTF-04R	01/10/22	4.00	19.20	ND	NA	9.70	6,928.26	NA	4 - 19	Chinle/Alluvium Interface
MKTF-04R	02/28/22	4.00	19.20	ND	NA	9.60	6,928.36	NA	4 - 19	Chinle/Alluvium Interface
MKTF-04R	03/02/22	4.00	19.22	ND	NA	9.71	6,928.25	NA	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)	SPH Column Thickness (ft)	Depth to Water (ft)	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	14.94	0.19	15.13	6,927.09	6927.24	4 - 14	Chinle/Alluvium Interface
MKTF-05	02/28/21	4.00	17.77	14.60	0.15	14.75	6,927.47	6927.59	4 - 14	Chinle/Alluvium Interface
MKTF-05	03/31/21	4.00	17.77	14.99	0.06	15.05	6,927.17	6927.22	4 - 14	Chinle/Alluvium Interface
MKTF-05	04/26/21	4.00	17.77	15.03	0.14	15.17	6,927.05	6927.16	4 - 14	Chinle/Alluvium Interface
MKTF-05	05/20/21	4.00	17.77	15.02	0.07	15.09	6,927.13	6927.19	4 - 14	Chinle/Alluvium Interface
MKTF-05	06/01/21	4.00	17.77	14.88	0.08	14.96	6,927.26	6927.32	4 - 14	Chinle/Alluvium Interface
MKTF-05	07/06/21	4.00	17.77	15.42	0.26	15.68	6,926.54	6926.75	4 - 14	Chinle/Alluvium Interface
MKTF-05	08/25/21	4.00	17.77	14.50	0.60	15.10	6,927.12	6927.60	4 - 14	Chinle/Alluvium Interface
MKTF-05	09/07/21	4.00	17.77	14.27	1.07	15.34	6,926.88	6927.74	4 - 14	Chinle/Alluvium Interface
MKTF-05	10/27/21	4.00	17.77	14.10	0.55	14.65	6,927.57	6928.01	4 - 14	Chinle/Alluvium Interface
MKTF-05	11/02/21	4.00	17.77	14.25	0.56	14.81	6,927.41	6927.86	4 - 14	Chinle/Alluvium Interface
MKTF-05	12/03/21	4.00	17.77	14.50	0.60	15.10	6,927.12	6927.60	4 - 14	Chinle/Alluvium Interface
MKTF-05	01/10/22	4.00	17.77	14.10	0.21	14.31	6,927.91	6928.08	4 - 14	Chinle/Alluvium Interface
MKTF-05	02/28/22	4.00	17.77	14.50	0.60	15.10	6,927.12	6927.60	4 - 14	Chinle/Alluvium Interface
MKTF-05	03/02/22	4.00	17.75	14.44	0.64	15.08	6,927.14	6927.65	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)	SPH Column Thickness (ft)	Depth to Water (ft)	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	18.09	1.56	19.65	6,927.16	6928.41	8 - 20	Chinle/Alluvium Interface
MKTF-06	02/28/21	4.00	23.85	17.93	0.72	18.65	6,928.16	6928.74	8 - 20	Chinle/Alluvium Interface
MKTF-06	03/31/21	4.00	23.85	17.97	0.18	18.15	6,928.66	6928.80	8 - 20	Chinle/Alluvium Interface
MKTF-06	04/26/21	4.00	23.85	17.88	0.07	17.95	6,928.86	6928.92	8 - 20	Chinle/Alluvium Interface
MKTF-06	05/20/21	4.00	23.85	18.01	0.12	18.13	6,928.68	6928.78	8 - 20	Chinle/Alluvium Interface
MKTF-06	06/01/21	4.00	23.85	18.09	0.16	18.25	6,928.56	6928.69	8 - 20	Chinle/Alluvium Interface
MKTF-06	07/06/21	4.00	23.85	18.55	0.52	19.07	6,927.74	6928.16	8 - 20	Chinle/Alluvium Interface
MKTF-06	08/26/21	4.00	23.85	17.75	0.85	18.60	6,928.21	6928.89	8 - 20	Chinle/Alluvium Interface
MKTF-06	09/07/21	4.00	23.85	17.98	0.68	18.66	6,928.15	6928.69	8 - 20	Chinle/Alluvium Interface
MKTF-06	10/27/21	4.00	23.85	17.35	1.32	18.67	6,928.14	6929.20	8 - 20	Chinle/Alluvium Interface
MKTF-06	11/17/21	4.00	23.85	17.44	1.21	18.65	6,928.16	6929.13	8 - 20	Chinle/Alluvium Interface
MKTF-06	12/03/21	4.00	23.85	18.01	0.95	18.96	6,927.85	6928.61	8 - 20	Chinle/Alluvium Interface
MKTF-06	01/10/22	4.00	23.85	17.50	0.03	17.53	6,929.28	6929.30	8 - 20	Chinle/Alluvium Interface
MKTF-06	02/28/22	4.00	23.85	17.75	0.69	18.44	6,928.37	6928.92	8 - 20	Chinle/Alluvium Interface
MKTF-06	03/02/22	4.00	23.85	18.00	0.95	18.95	6,927.86	6928.62	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)	SPH Column Thickness (ft)	Depth to Water (ft)	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	13.80	0.40	14.20	6,932.98	6933.30	4 - 14	Chinle/Alluvium Interface
MKTF-07	02/28/21	4.00	17.86	13.51	0.21	13.72	6,933.46	6933.63	4 - 14	Chinle/Alluvium Interface
MKTF-07	03/31/21	4.00	17.86	13.70	0.11	13.81	6,933.37	6933.46	4 - 14	Chinle/Alluvium Interface
MKTF-07	04/26/21	4.00	17.86	13.51	0.25	13.76	6,933.42	6933.62	4 - 14	Chinle/Alluvium Interface
MKTF-07	05/20/21	4.00	17.86	13.68	0.13	13.81	6,933.37	6933.47	4 - 14	Chinle/Alluvium Interface
MKTF-07	06/01/21	4.00	17.86	13.52	0.11	13.63	6,933.55	6933.64	4 - 14	Chinle/Alluvium Interface
MKTF-07	07/06/21	4.00	17.86	13.35	0.34	13.69	6,933.49	6933.76	4 - 14	Chinle/Alluvium Interface
MKTF-07	08/02/21	4.00	17.86	13.39	0.46	13.85	6,933.33	6933.70	4 - 14	Chinle/Alluvium Interface
MKTF-07	09/07/21	4.00	17.86	13.26	0.42	13.68	6,933.50	6933.84	4 - 14	Chinle/Alluvium Interface
MKTF-07	10/27/21	4.00	17.86	13.45	0.19	13.64	6,933.54	6933.69	4 - 14	Chinle/Alluvium Interface
MKTF-07	11/02/21	4.00	17.86	13.46	0.19	13.65	6,933.53	6933.68	4 - 14	Chinle/Alluvium Interface
MKTF-07	12/03/21	4.00	17.86	13.89	0.14	14.03	6,933.15	6933.26	4 - 14	Chinle/Alluvium Interface
MKTF-07	01/10/22	4.00	17.86	14.47	0.04	14.51	6,932.67	6932.70	4 - 14	Chinle/Alluvium Interface
MKTF-07	02/28/22	4.00	17.86	ND	0.00	14.11	6,933.07	NA	4 - 14	Chinle/Alluvium Interface
MKTF-07	03/02/22	4.00	17.86	13.92	0.08	14.00	6,933.18	6933.24	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)	SPH Column Thickness (ft)	Depth to Water (ft)	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	14.84	0.31	15.15	6,931.94	6932.19	8 - 18	Chinle/Alluvium Interface
MKTF-08	02/28/21	4.00	22.00	14.76	0.13	14.89	6,932.20	6932.30	8 - 18	Chinle/Alluvium Interface
MKTF-08	03/31/21	4.00	22.00	14.60	0.10	14.70	6,932.39	6932.47	8 - 18	Chinle/Alluvium Interface
MKTF-08	04/26/21	4.00	22.00	14.64	0.11	14.75	6,932.34	6932.43	8 - 18	Chinle/Alluvium Interface
MKTF-08	05/20/21	4.00	22.00	14.63	0.08	14.71	6,932.38	6932.44	8 - 18	Chinle/Alluvium Interface
MKTF-08	06/01/21	4.00	22.00	14.71	0.08	14.79	6,932.30	6932.36	8 - 18	Chinle/Alluvium Interface
MKTF-08	07/06/21	4.00	22.00	14.97	0.36	15.33	6,931.76	6932.05	8 - 18	Chinle/Alluvium Interface
MKTF-08	08/02/21	4.00	22.00	14.93	0.16	15.09	6,932.00	6932.13	8 - 18	Chinle/Alluvium Interface
MKTF-08	09/07/21	4.00	22.00	14.77	0.22	14.99	6,932.10	6932.28	8 - 18	Chinle/Alluvium Interface
MKTF-08	10/27/21	4.00	22.00	14.75	0.35	15.10	6,931.99	6932.27	8 - 18	Chinle/Alluvium Interface
MKTF-08	11/02/21	4.00	22.00	14.73	0.48	15.21	6,931.88	6932.26	8 - 18	Chinle/Alluvium Interface
MKTF-08	12/03/21	4.00	22.00	15.03	0.34	15.37	6,931.72	6931.99	8 - 18	Chinle/Alluvium Interface
MKTF-08	01/10/22	4.00	22.00	15.20	0.15	15.35	6,931.74	6931.86	8 - 18	Chinle/Alluvium Interface
MKTF-08	02/28/22	4.00	22.00	14.75	0.05	14.80	6,932.29	6932.33	8 - 18	Chinle/Alluvium Interface
MKTF-08	03/02/22	4.00	22.00	15.00	0.33	15.33	6,931.76	6932.02	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)	SPH Column Thickness (ft)	Depth to Water (ft)	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	0.00	15.11	6,931.39	NA	7 - 19	Chinle/Alluvium Interface
MKTF-09	02/28/21	4.00	22.70	14.76	0.13	14.89	6,931.61	6931.71	7 - 19	Chinle/Alluvium Interface
MKTF-09	03/31/21	4.00	22.70	14.85	0.02	14.87	6,931.63	6931.65	7 - 19	Chinle/Alluvium Interface
MKTF-09	04/26/21	4.00	22.70	14.79	0.05	14.84	6,931.66	6931.70	7 - 19	Chinle/Alluvium Interface
MKTF-09	05/20/21	4.00	22.70	14.98	0.18	15.16	6,931.34	6931.48	7 - 19	Chinle/Alluvium Interface
MKTF-09	06/01/21	4.00	22.70	14.92	0.03	14.95	6,931.55	6931.57	7 - 19	Chinle/Alluvium Interface
MKTF-09	07/06/21	4.00	22.70	15.20	0.02	15.22	6,931.28	6931.30	7 - 19	Chinle/Alluvium Interface
MKTF-09	08/26/21	4.00	22.70	15.11	0.04	15.15	6,931.35	6931.38	7 - 19	Chinle/Alluvium Interface
MKTF-09	09/07/21	4.00	22.70	15.18	0.03	15.21	6,931.29	6931.31	7 - 19	Chinle/Alluvium Interface
MKTF-09	10/27/21	4.00	22.70	ND	0.00	15.00	6,931.50	NA	7 - 19	Chinle/Alluvium Interface
MKTF-09	11/17/21	4.00	22.70	ND	0.00	15.07	6,931.43	NA	7 - 19	Chinle/Alluvium Interface
MKTF-09	12/03/21	4.00	22.70	15.09	0.04	15.13	6,931.37	6931.40	7 - 19	Chinle/Alluvium Interface
MKTF-09	01/10/22	4.00	22.70	15.28	0.03	15.31	6,931.19	6931.21	7 - 19	Chinle/Alluvium Interface
MKTF-09	02/28/22	4.00	22.70	15.12	0.16	15.28	6,931.22	6931.35	7 - 19	Chinle/Alluvium Interface
MKTF-09	03/02/22	4.00	22.70	15.11	0.04	15.15	6,931.35	6931.38	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)	SPH Column Thickness (ft)	Depth to Water (ft)	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	0.00	7.91	6,929.25	NA	7 - 17	Chinle/Alluvium Interface
MKTF-10	02/28/21	4.00	16.50	ND	0.00	7.89	6,929.27	NA	7 - 17	Chinle/Alluvium Interface
MKTF-10	03/31/21	4.00	16.50	ND	0.00	7.74	6,929.42	NA	7 - 17	Chinle/Alluvium Interface
MKTF-10	04/26/21	4.00	16.50	ND	0.00	8.03	6,929.13	NA	7 - 17	Chinle/Alluvium Interface
MKTF-10	05/20/21	4.00	16.50	ND	0.00	7.92	6,929.24	NA	7 - 17	Chinle/Alluvium Interface
MKTF-10	06/01/21	4.00	16.50	ND	0.00	7.69	6,929.47	NA	7 - 17	Chinle/Alluvium Interface
MKTF-10	07/06/21	4.00	16.50	ND	0.00	8.44	6,928.72	NA	7 - 17	Chinle/Alluvium Interface
MKTF-10	08/26/21	4.00	16.50	ND	0.00	8.10	6,929.06	NA	7 - 17	Chinle/Alluvium Interface
MKTF-10	09/09/21	4.00	16.50	ND	0.00	8.20	6,928.96	NA	7 - 17	Chinle/Alluvium Interface
MKTF-10	10/27/21	4.00	16.50	ND	0.00	8.00	6,929.16	NA	7 - 17	Chinle/Alluvium Interface
MKTF-10	11/17/21	4.00	16.50	ND	0.00	8.14	6,929.02	NA	7 - 17	Chinle/Alluvium Interface
MKTF-10	12/15/21	4.00	16.60	ND	0.00	8.34	6,928.82	NA	7 - 17	Chinle/Alluvium Interface
MKTF-10	01/10/22	4.00	16.60	ND	0.00	9.71	6,927.45	NA	7 - 17	Chinle/Alluvium Interface
MKTF-10	02/28/22	4.00	16.60	ND	0.00	9.55	6,927.61	NA	7 - 17	Chinle/Alluvium Interface
MKTF-10	03/01/22	4.00	16.61	ND	0.00	8.30	6,928.86	NA	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)	SPH Column Thickness (ft)	Depth to Water (ft)	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	0.00	7.88	6,923.46	NA	8 - 18	Chinle/Alluvium Interface
MKTF-11	02/28/21	4.00	18.53	ND	0.00	7.84	6,923.50	NA	8 - 18	Chinle/Alluvium Interface
MKTF-11	03/31/21	4.00	18.53	ND	0.00	7.63	6,923.71	NA	8 - 18	Chinle/Alluvium Interface
MKTF-11	04/26/21	4.00	18.53	ND	0.00	7.70	6,923.64	NA	8 - 18	Chinle/Alluvium Interface
MKTF-11	05/20/21	4.00	18.53	ND	0.00	7.67	6,923.67	NA	8 - 18	Chinle/Alluvium Interface
MKTF-11	06/01/21	4.00	18.53	ND	0.00	7.56	6,923.78	NA	8 - 18	Chinle/Alluvium Interface
MKTF-11	07/06/21	4.00	18.53	ND	0.00	8.30	6,923.04	NA	8 - 18	Chinle/Alluvium Interface
MKTF-11	08/26/21	4.00	18.53	ND	0.00	8.18	6,923.16	NA	8 - 18	Chinle/Alluvium Interface
MKTF-11	09/09/21	4.00	18.53	ND	0.00	8.59	6,922.75	NA	8 - 18	Chinle/Alluvium Interface
MKTF-11	10/27/21	4.00	18.53	ND	0.00	8.15	6,923.19	NA	8 - 18	Chinle/Alluvium Interface
MKTF-11	11/17/21	4.00	18.53	ND	0.00	8.19	6,923.15	NA	8 - 18	Chinle/Alluvium Interface
MKTF-11	12/15/21	4.00	18.53	ND	0.00	8.42	6,922.92	NA	8 - 18	Chinle/Alluvium Interface
MKTF-11	01/10/22	4.00	18.53	ND	0.00	8.52	6,922.82	NA	8 - 18	Chinle/Alluvium Interface
MKTF-11	02/28/22	4.00	18.53	ND	0.00	8.44	6,922.90	NA	8 - 18	Chinle/Alluvium Interface
MKTF-11	03/02/22	4.00	18.53	ND	0.00	7.84	6,923.50	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)	SPH Column Thickness (ft)	Depth to Water (ft)	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	19.46	0.17	19.63	6,922.48	6922.62	12 - 22	Chinle/Alluvium Interface
MKTF-12	02/28/21	4.00	25.85	18.82	0.10	18.92	6,923.19	6923.27	12 - 22	Chinle/Alluvium Interface
MKTF-12	03/31/21	4.00	25.85	18.59	0.04	18.63	6,923.48	6923.51	12 - 22	Chinle/Alluvium Interface
MKTF-12	04/26/21	4.00	25.85	18.49	0.11	18.60	6,923.51	6923.60	12 - 22	Chinle/Alluvium Interface
MKTF-12	05/20/21	4.00	25.85	18.70	0.03	18.73	6,923.38	6923.40	12 - 22	Chinle/Alluvium Interface
MKTF-12	06/01/21	4.00	25.85	19.03	0.05	19.08	6,923.03	6923.07	12 - 22	Chinle/Alluvium Interface
MKTF-12	07/06/21	4.00	25.85	18.98	0.05	19.03	6,923.08	6923.12	12 - 22	Chinle/Alluvium Interface
MKTF-12	08/26/21	4.00	25.85	19.12	0.10	19.22	6,922.89	6922.97	12 - 22	Chinle/Alluvium Interface
MKTF-12	09/09/21	4.00	25.85	19.01	0.08	19.09	6,923.02	6923.08	12 - 22	Chinle/Alluvium Interface
MKTF-12	10/27/21	4.00	25.85	19.00	0.03	19.03	6,923.08	6923.10	12 - 22	Chinle/Alluvium Interface
MKTF-12	11/17/21	4.00	25.85	18.98	0.10	19.08	6,923.03	6923.11	12 - 22	Chinle/Alluvium Interface
MKTF-12	12/03/21	4.00	25.85	19.09	0.11	19.20	6,922.91	6923.00	12 - 22	Chinle/Alluvium Interface
MKTF-12	01/10/22	4.00	25.85	18.89	0.21	19.10	6,923.01	6923.18	12 - 22	Chinle/Alluvium Interface
MKTF-12	02/28/22	4.00	25.85	19.12	0.08	19.20	6,922.91	6922.97	12 - 22	Chinle/Alluvium Interface
MKTF-12	03/02/22	4.00	25.88	19.12	0.07	19.19	6,922.92	6922.98	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)	SPH Column Thickness (ft)	Depth to Water (ft)	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	13.25	4.01	17.26	6,917.92	6921.13	8 - 18	Chinle/Alluvium Interface
MKTF-13	02/28/21	4.00	21.75	12.60	4.30	16.90	6,918.28	6921.72	8 - 18	Chinle/Alluvium Interface
MKTF-13	03/31/21	4.00	21.75	12.21	4.44	16.65	6,918.53	6922.08	8 - 18	Chinle/Alluvium Interface
MKTF-13	04/26/21	4.00	21.75	12.25	4.08	16.33	6,918.85	6922.11	8 - 18	Chinle/Alluvium Interface
MKTF-13	05/20/21	4.00	21.75	12.11	4.59	16.70	6,918.48	6922.15	8 - 18	Chinle/Alluvium Interface
MKTF-13	06/01/21	4.00	21.75	11.93	3.74	15.67	6,919.51	6922.50	8 - 18	Chinle/Alluvium Interface
MKTF-13	07/06/21	4.00	21.75	13.85	3.65	17.50	6,917.68	6920.60	8 - 18	Chinle/Alluvium Interface
MKTF-13	08/09/21	4.00	21.75	12.80	4.38	17.18	6,918.00	6921.50	8 - 18	Chinle/Alluvium Interface
MKTF-13	09/07/21	4.00	21.75	13.00	3.60	16.60	6,918.58	6921.46	8 - 18	Chinle/Alluvium Interface
MKTF-13	10/27/21	4.00	21.75	13.05	2.91	15.96	6,919.22	6921.55	8 - 18	Chinle/Alluvium Interface
MKTF-13	11/02/21	4.00	21.75	13.11	2.84	15.95	6,919.23	6921.50	8 - 18	Chinle/Alluvium Interface
MKTF-13	12/03/21	4.00	21.75	13.47	2.35	15.82	6,919.36	6921.24	8 - 18	Chinle/Alluvium Interface
MKTF-13	01/10/22	4.00	21.75	10.83	3.95	14.78	6,920.40	6923.56	8 - 18	Chinle/Alluvium Interface
MKTF-13	02/28/22	4.00	21.75	10.80	3.95	14.75	6,920.43	6923.59	8 - 18	Chinle/Alluvium Interface
MKTF-13	03/01/22	4.00	21.75	13.44	2.34	15.78	6,919.40	6921.27	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)	SPH Column Thickness (ft)	Depth to Water (ft)	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	7.11	0.30	7.41	6,920.61	6920.85	4 - 14	Chinle/Alluvium Interface
MKTF-14	02/28/21	4.00	17.55	6.64	0.34	6.98	6,921.04	6921.31	4 - 14	Chinle/Alluvium Interface
MKTF-14	03/31/21	4.00	17.55	6.14	0.12	6.26	6,921.76	6921.86	4 - 14	Chinle/Alluvium Interface
MKTF-14	04/26/21	4.00	17.55	6.11	0.07	6.18	6,921.84	6921.90	4 - 14	Chinle/Alluvium Interface
MKTF-14	05/20/21	4.00	17.55	6.20	0.11	6.31	6,921.71	6921.80	4 - 14	Chinle/Alluvium Interface
MKTF-14	06/01/21	4.00	17.55	5.81	0.16	5.97	6,922.05	6922.18	4 - 14	Chinle/Alluvium Interface
MKTF-14	07/21/21	4.00	17.55	6.23	0.45	6.68	6,921.34	6921.70	4 - 14	Chinle/Alluvium Interface
MKTF-14	08/25/21	4.00	17.55	7.00	0.17	7.17	6,920.85	6920.99	4 - 14	Chinle/Alluvium Interface
MKTF-14	09/07/21	4.00	17.55	7.02	0.17	7.19	6,920.83	6920.97	4 - 14	Chinle/Alluvium Interface
MKTF-14	10/27/21	4.00	17.55	6.93	0.02	6.95	6,921.07	6921.09	4 - 14	Chinle/Alluvium Interface
MKTF-14	11/02/21	4.00	17.55	ND	0.00	7.01	6,921.01	NA	4 - 14	Chinle/Alluvium Interface
MKTF-14	12/03/21	4.00	17.55	7.17	0.22	7.39	6,920.63	6920.81	4 - 14	Chinle/Alluvium Interface
MKTF-14	01/10/22	4.00	17.55	7.20	0.24	7.44	6,920.58	6920.77	4 - 14	Chinle/Alluvium Interface
MKTF-14	02/28/22	4.00	17.55	7.12	0.30	7.42	6,920.60	6920.84	4 - 14	Chinle/Alluvium Interface
MKTF-14	03/01/22	4.00	17.55	7.15	0.21	7.36	6,920.66	6920.83	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)	SPH Column Thickness (ft)	Depth to Water (ft)	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	13.54	0.21	13.75	6,929.73	6,929.90	9 - 19	Chinle/Alluvium Interface
MKTF-15	02/28/21	2.00	19.53	13.45	0.07	13.52	6,929.96	6,930.02	9 - 19	Chinle/Alluvium Interface
MKTF-15	03/31/21	2.00	19.53	13.39	0.03	13.42	6,930.06	6,930.08	9 - 19	Chinle/Alluvium Interface
MKTF-15	04/26/21	2.00	19.53	13.11	0.21	13.32	6,930.16	6,930.33	9 - 19	Chinle/Alluvium Interface
MKTF-15	05/20/21	2.00	19.53	13.51	0.07	13.58	6,929.90	6,929.96	9 - 19	Chinle/Alluvium Interface
MKTF-15	06/01/21	2.00	19.53	13.43	0.04	13.47	6,930.01	6,930.04	9 - 19	Chinle/Alluvium Interface
MKTF-15	07/21/21	2.00	19.53	13.30	0.76	14.06	6,929.42	6,930.03	9 - 19	Chinle/Alluvium Interface
MKTF-15	08/25/21	2.00	19.53	13.40	0.75	14.15	6,929.33	6,929.93	9 - 19	Chinle/Alluvium Interface
MKTF-15	09/07/21	2.00	19.53	13.29	0.62	13.91	6,929.57	6,930.07	9 - 19	Chinle/Alluvium Interface
MKTF-15	10/27/21	2.00	19.53	13.35	0.45	13.80	6,929.68	6,930.04	9 - 19	Chinle/Alluvium Interface
MKTF-15	11/17/21	2.00	19.53	13.34	0.50	13.84	6,929.64	6,930.04	9 - 19	Chinle/Alluvium Interface
MKTF-15	12/03/21	2.00	19.53	13.27	0.69	13.96	6,929.52	6,930.07	9 - 19	Chinle/Alluvium Interface
MKTF-15	01/10/22	2.00	19.53	13.12	0.76	13.88	6,929.60	6,930.21	9 - 19	Chinle/Alluvium Interface
MKTF-15	02/28/22	2.00	19.53	13.12	0.75	13.87	6,929.61	6,930.21	9 - 19	Chinle/Alluvium Interface
MKTF-15	03/02/22	2.00	19.55	13.30	0.70	14.00	6,929.48	6,930.04	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)	SPH Column Thickness (ft)	Depth to Water (ft)	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	0.00	6.15	6,944.43	NA	4 - 14	Chinle/Alluvium Interface
MKTF-16	02/28/21	2.00	10.95	ND	0.00	8.84	6,941.74	NA	4 - 14	Chinle/Alluvium Interface
MKTF-16	03/31/21	2.00	10.95	ND	0.00	9.31	6,941.27	NA	4 - 14	Chinle/Alluvium Interface
MKTF-16	04/26/21	2.00	10.95	ND	0.00	9.51	6,941.07	NA	4 - 14	Chinle/Alluvium Interface
MKTF-16	05/20/21	2.00	10.95	ND	0.00	9.40	6,941.18	NA	4 - 14	Chinle/Alluvium Interface
MKTF-16	06/01/21	2.00	10.95	ND	0.00	9.28	6,941.30	NA	4 - 14	Chinle/Alluvium Interface
MKTF-16	06/23/21	2.00	10.95	ND	0.00	DRY	NA	NA	4 - 14	Chinle/Alluvium Interface
MKTF-16	07/21/21	2.00	10.95	ND	0.00	10.84	6,939.74	NA	4 - 14	Chinle/Alluvium Interface
MKTF-16	08/25/21	2.00	10.95	ND	0.00	10.48	6,940.10	NA	4 - 14	Chinle/Alluvium Interface
MKTF-16	09/08/21	2.00	10.95	ND	0.00	8.70	6,941.88	NA	4 - 14	Chinle/Alluvium Interface
MKTF-16	10/27/21	2.00	10.95	ND	0.00	8.98	6,941.60	NA	4 - 14	Chinle/Alluvium Interface
MKTF-16	11/17/21	2.00	10.95	ND	0.00	8.58	6,942.00	NA	4 - 14	Chinle/Alluvium Interface
MKTF-16	12/27/21	2.00	10.92	ND	0.00	8.45	6,942.13	NA	4 - 14	Chinle/Alluvium Interface
MKTF-16	01/10/22	2.00	10.92	ND	0.00	8.40	6,942.18	NA	4 - 14	Chinle/Alluvium Interface
MKTF-16	02/28/22	2.00	10.92	ND	0.00	8.63	6,941.95	NA	4 - 14	Chinle/Alluvium Interface
MKTF-16	03/02/22	2.00	10.92	ND	0.00	8.42	6,942.16	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)	SPH Column Thickness (ft)	Depth to Water (ft)	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	11.88	0.02	11.90	6,933.86	6,933.88	14 - 24	Chinle/Alluvium Interface
MKTF-17	02/28/21	2.00	24.70	11.88	0.02	11.90	6,933.86	6,933.88	14 - 24	Chinle/Alluvium Interface
MKTF-17	03/31/21	2.00	24.70	12.06	0.03	12.09	6,933.67	6,933.69	14 - 24	Chinle/Alluvium Interface
MKTF-17	04/26/21	2.00	24.70	14.97	0.02	14.99	6,930.77	6,930.79	14 - 24	Chinle/Alluvium Interface
MKTF-17	05/20/21	2.00	24.70	15.03	0.03	15.06	6,930.70	6,930.72	14 - 24	Chinle/Alluvium Interface
MKTF-17	06/01/21	2.00	24.70	15.10	0.05	15.15	6,930.61	6,930.65	14 - 24	Chinle/Alluvium Interface
MKTF-17	07/21/21	2.00	24.70	12.16	0.03	12.19	6,933.57	6,933.59	14 - 24	Chinle/Alluvium Interface
MKTF-17R	08/30/21	2.00	24.70	ND	0.00	11.93	6,938.27	NA	10 - 25	Chinle/Alluvium Interface
MKTF-17R	09/17/21	2.00	24.70	ND	0.00	12.05	6,938.15	NA	10 - 25	Chinle/Alluvium Interface
MKTF-17R	10/27/21	2.00	24.70	ND	0.00	11.91	6,938.29	NA	10 - 25	Chinle/Alluvium Interface
MKTF-17R	11/02/21	2.00	24.70	ND	0.00	11.91	6,938.29	NA	10 - 25	Chinle/Alluvium Interface
MKTF-17R	12/03/21	2.00	20.50	ND	0.00	12.39	6,937.81	NA	10 - 25	Chinle/Alluvium Interface
MKTF-17R	01/10/22	2.00	20.50	ND	0.00	12.31	6,937.89	NA	10 - 25	Chinle/Alluvium Interface
MKTF-17R	02/28/22	2.00	20.50	ND	0.00	12.30	6,937.90	NA	10 - 25	Chinle/Alluvium Interface
MKTF-17R	03/01/22	2.00	20.50	ND	0.00	12.35	6,937.85	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)	SPH Column Thickness (ft)	Depth to Water (ft)	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	0.00	9.28	6,941.37	NA	17 - 27	Chinle/Alluvium Interface
MKTF-18	02/28/21	2.00	27.55	ND	0.00	9.08	6,941.57	NA	17 - 27	Chinle/Alluvium Interface
MKTF-18	03/31/21	2.00	27.55	ND	0.00	9.30	6,941.35	NA	17 - 27	Chinle/Alluvium Interface
MKTF-18	04/26/21	2.00	27.55	ND	0.00	9.23	6,941.42	NA	17 - 27	Chinle/Alluvium Interface
MKTF-18	05/20/21	2.00	27.55	ND	0.00	9.25	6,941.40	NA	17 - 27	Chinle/Alluvium Interface
MKTF-18	06/01/21	2.00	27.55	ND	0.00	9.21	6,941.44	NA	17 - 27	Chinle/Alluvium Interface
MKTF-18	07/21/21	2.00	27.55	ND	0.00	10.92	6,939.73	NA	17 - 27	Chinle/Alluvium Interface
MKTF-18R	08/30/21	2.00	25.55	ND	0.00	9.58	6,945.29	NA	10 - 25	Chinle/Alluvium Interface
MKTF-18R	09/17/21	2.00	25.55	ND	0.00	9.93	6,944.94	NA	10 - 25	Chinle/Alluvium Interface
MKTF-18R	10/27/21	2.00	25.55	ND	0.00	9.90	6,944.97	NA	10 - 25	Chinle/Alluvium Interface
MKTF-18R	11/17/21	2.00	25.55	ND	0.00	9.99	6,944.88	NA	10 - 25	Chinle/Alluvium Interface
MKTF-18R	12/03/21	2.00	25.50	ND	0.00	10.20	6,944.67	NA	10 - 25	Chinle/Alluvium Interface
MKTF-18R	01/10/22	2.00	25.50	ND	0.00	10.33	6,944.54	NA	10 - 25	Chinle/Alluvium Interface
MKTF-18R	02/28/22	2.00	25.50	ND	0.00	10.33	6,944.54	NA	10 - 25	Chinle/Alluvium Interface
MKTF-18R	03/01/22	2.00	25.50	ND	0.00	10.17	6,944.70	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)	SPH Column Thickness (ft)	Depth to Water (ft)	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	12.22	1.24	13.46	6,931.21	6,932.20	10 - 20	Chinle/Alluvium Interface
MKTF-19	02/28/21	2.00	19.44	12.45	1.14	13.59	6,931.08	6,931.99	10 - 20	Chinle/Alluvium Interface
MKTF-19	03/31/21	2.00	19.44	12.60	1.23	13.83	6,930.84	6,931.82	10 - 20	Chinle/Alluvium Interface
MKTF-19	04/26/21	2.00	19.44	12.54	1.53	14.07	6,930.60	6,931.82	10 - 20	Chinle/Alluvium Interface
MKTF-19	05/20/21	2.00	19.44	12.28	1.42	13.70	6,930.97	6,932.11	10 - 20	Chinle/Alluvium Interface
MKTF-19	06/01/21	2.00	19.44	12.55	1.22	13.77	6,930.90	6,931.88	10 - 20	Chinle/Alluvium Interface
MKTF-19	07/21/21	2.00	19.44	12.52	0.78	13.30	6,931.37	6,931.99	10 - 20	Chinle/Alluvium Interface
MKTF-19	08/25/21	2.00	19.44	13.10	1.22	14.32	6,930.35	6,931.33	10 - 20	Chinle/Alluvium Interface
MKTF-19	09/08/21	2.00	19.44	13.05	1.06	14.11	6,930.56	6,931.41	10 - 20	Chinle/Alluvium Interface
MKTF-19	10/27/21	2.00	19.44	13.08	1.27	14.35	6,930.32	6,931.34	10 - 20	Chinle/Alluvium Interface
MKTF-19	11/17/21	2.00	19.44	13.09	1.13	14.22	6,930.45	6,931.35	10 - 20	Chinle/Alluvium Interface
MKTF-19	12/03/21	2.00	19.44	12.98	1.05	14.03	6,930.64	6,931.48	10 - 20	Chinle/Alluvium Interface
MKTF-19	01/10/22	2.00	19.44	13.11	0.06	13.17	6,931.50	6,931.55	10 - 20	Chinle/Alluvium Interface
MKTF-19	02/28/22	2.00	19.44	13.10	1.22	14.32	6,930.35	6,931.33	10 - 20	Chinle/Alluvium Interface
MKTF-19	03/02/22	2.00	19.46	13.00	1.10	14.10	6,930.57	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)	SPH Column Thickness (ft)	Depth to Water (ft)	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	8.99	0.61	9.60	6,942.18	6,942.67	2 - 10	Chinle/Alluvium Interface
MKTF-20	02/28/21	4.00	9.61	ND	0.00	DRY	NA	NA	2 - 10	Chinle/Alluvium Interface
MKTF-20	03/31/21	4.00	9.61	8.95	0.28	9.23	6,942.55	6,942.77	2 - 10	Chinle/Alluvium Interface
MKTF-20	04/26/21	4.00	9.61	9.14	0.29	9.43	6,942.35	6,942.58	2 - 10	Chinle/Alluvium Interface
MKTF-20	05/20/21	4.00	9.61	8.90	0.27	9.17	6,942.61	6,942.83	2 - 10	Chinle/Alluvium Interface
MKTF-20	06/01/21	4.00	9.61	9.01	0.29	9.30	6,942.48	6,942.71	2 - 10	Chinle/Alluvium Interface
MKTF-20	07/07/21	4.00	9.61	ND	0.00	DRY	NA	NA	2 - 10	Chinle/Alluvium Interface
MKTF-20	08/02/21	4.00	9.61	ND	0.00	8.93	6,942.85	NA	2 - 10	Chinle/Alluvium Interface
MKTF-20	09/08/21	4.00	9.61	ND	0.00	DRY	NA	NA	2 - 10	Chinle/Alluvium Interface
MKTF-20	10/27/21	4.00	9.61	ND	0.00	DRY	NA	NA	2 - 10	Chinle/Alluvium Interface
MKTF-20	11/02/21	4.00	9.61	ND	0.00	8.91	6,942.87	NA	2 - 10	Chinle/Alluvium Interface
MKTF-20	12/03/21	4.00	9.60	ND	0.00	9.42	6,942.36	NA	2 - 10	Chinle/Alluvium Interface
MKTF-20	01/10/22	4.00	9.60	ND	0.00	9.51	6,942.27	NA	2 - 10	Chinle/Alluvium Interface
MKTF-20	02/28/22	4.00	9.60	ND	0.00	9.49	6,942.29	NA	2 - 10	Chinle/Alluvium Interface
MKTF-20	03/02/22	4.00	9.60	ND	0.00	DRY	NA	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)	SPH Column Thickness (ft)	Depth to Water (ft)	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	0.00	7.81	6,944.76	NA	2 - 10	Chinle/Alluvium Interface
MKTF-21	03/31/21	4.00	8.87	ND	0.00	7.73	6,944.84	NA	2 - 10	Chinle/Alluvium Interface
MKTF-21	04/26/21	4.00	8.87	ND	0.00	7.28	6,945.29	NA	2 - 10	Chinle/Alluvium Interface
MKTF-21	05/20/21	4.00	8.87	ND	0.00	7.40	6,945.17	NA	2 - 10	Chinle/Alluvium Interface
MKTF-21	06/01/21	4.00	8.87	ND	0.00	6.98	6,945.59	NA	2 - 10	Chinle/Alluvium Interface
MKTF-21	07/07/21	4.00	8.87	ND	0.00	7.96	6,944.61	NA	2 - 10	Chinle/Alluvium Interface
MKTF-21	08/02/21	4.00	8.87	ND	0.00	8.64	6,943.93	NA	2 - 10	Chinle/Alluvium Interface
MKTF-21	09/08/21	4.00	8.87	ND	0.00	8.80	6,943.77	NA	2 - 10	Chinle/Alluvium Interface
MKTF-21	10/27/21	4.00	8.87	ND	0.00	8.25	6,944.32	NA	2 - 10	Chinle/Alluvium Interface
MKTF-21	11/17/21	4.00	8.87	ND	0.00	8.42	6,944.15	NA	2 - 10	Chinle/Alluvium Interface
MKTF-21	12/03/21	4.00	8.87	ND	0.00	8.85	6,943.72	NA	2 - 10	Chinle/Alluvium Interface
MKTF-21	01/10/22	4.00	8.87	ND	0.00	8.82	6,943.75	NA	2 - 10	Chinle/Alluvium Interface
MKTF-21	02/28/22	4.00	8.87	ND	0.00	8.85	6,943.72	NA	2 - 10	Chinle/Alluvium Interface
MKTF-21	03/02/22	4.00	8.87	ND	0.00	DRY	NA	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)	SPH Column Thickness (ft)	Depth to Water (ft)	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	25.28	2.69	27.97	6,914.34	6916.49	22 - 32	Chinle/Alluvium Interface
MKTF-22	02/28/21	2.00	35.66	25.17	2.68	27.85	6,914.46	6916.60	22 - 32	Chinle/Alluvium Interface
MKTF-22	03/31/21	2.00	35.66	25.77	1.48	27.25	6,915.06	6916.24	22 - 32	Chinle/Alluvium Interface
MKTF-22	04/26/21	2.00	35.66	26.01	0.22	26.23	6,916.08	6916.26	22 - 32	Chinle/Alluvium Interface
MKTF-22	05/20/21	2.00	35.66	25.15	1.83	26.98	6,915.33	6916.79	22 - 32	Chinle/Alluvium Interface
MKTF-22	06/01/21	2.00	35.66	26.10	2.10	28.20	6,914.11	6915.79	22 - 32	Chinle/Alluvium Interface
MKTF-22	07/21/21	2.00	35.66	25.27	2.88	28.15	6,914.16	6916.46	22 - 32	Chinle/Alluvium Interface
MKTF-22	08/25/21	2.00	35.66	25.59	2.04	27.63	6,914.68	6916.31	22 - 32	Chinle/Alluvium Interface
MKTF-22	09/09/21	2.00	35.66	25.64	1.97	27.61	6,914.70	6916.28	22 - 32	Chinle/Alluvium Interface
MKTF-22	10/27/21	2.00	35.66	25.55	1.99	27.54	6,914.77	6916.36	22 - 32	Chinle/Alluvium Interface
MKTF-22	11/02/21	2.00	35.66	25.53	2.05	27.58	6,914.73	6916.37	22 - 32	Chinle/Alluvium Interface
MKTF-22	12/03/21	2.00	35.66	25.45	2.07	27.52	6,914.79	6916.45	22 - 32	Chinle/Alluvium Interface
MKTF-22	01/10/22	2.00	35.66	25.24	2.13	27.37	6,914.94	6916.64	22 - 32	Chinle/Alluvium Interface
MKTF-22	02/28/22	2.00	35.66	25.32	1.18	26.50	6,915.81	6916.75	22 - 32	Chinle/Alluvium Interface
MKTF-22	03/02/22	2.00	35.68	25.41	2.08	27.49	6,914.82	6916.48	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)	SPH Column Thickness (ft)	Depth to Water (ft)	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	14.22	0.01	14.23	6,915.75	6,915.76	7 - 17	Chinle/Alluvium Interface
MKTF-23	02/28/21	2.00	20.41	14.38	0.01	14.39	6,915.59	6,915.60	7 - 17	Chinle/Alluvium Interface
MKTF-23	03/31/21	2.00	20.41	ND	0.00	14.21	6,915.77	NA	7 - 17	Chinle/Alluvium Interface
MKTF-23	04/26/21	2.00	20.41	ND	0.00	13.90	6,916.08	NA	7 - 17	Chinle/Alluvium Interface
MKTF-23	05/20/21	2.00	20.41	ND	0.00	14.19	6,915.79	NA	7 - 17	Chinle/Alluvium Interface
MKTF-23	06/01/21	2.00	20.41	ND	0.00	13.98	6,916.00	NA	7 - 17	Chinle/Alluvium Interface
MKTF-23	07/21/21	2.00	20.41	14.75	0.01	14.76	6,915.22	6,915.23	7 - 17	Chinle/Alluvium Interface
MKTF-23	08/25/21	2.00	20.41	14.38	0.02	14.40	6,915.58	6,915.60	7 - 17	Chinle/Alluvium Interface
MKTF-23	09/08/21	2.00	20.41	14.44	0.03	14.47	6,915.51	6,915.53	7 - 17	Chinle/Alluvium Interface
MKTF-23	10/27/21	2.00	20.41	14.22	0.02	14.24	6,915.74	6,915.76	7 - 17	Chinle/Alluvium Interface
MKTF-23	11/17/21	2.00	20.41	14.21	0.04	14.25	6,915.73	6,915.76	7 - 17	Chinle/Alluvium Interface
MKTF-23	12/03/21	2.00	20.41	14.29	0.05	14.34	6,915.64	6,915.68	7 - 17	Chinle/Alluvium Interface
MKTF-23	01/10/22	2.00	20.41	14.44	0.10	14.54	6,915.44	6,915.52	7 - 17	Chinle/Alluvium Interface
MKTF-23	02/28/22	2.00	20.41	14.40	0.12	14.52	6,915.46	6,915.56	7 - 17	Chinle/Alluvium Interface
MKTF-23	03/01/22	2.00	20.40	14.27	0.05	14.32	6,915.66	6,915.70	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)	SPH Column Thickness (ft)	Depth to Water (ft)	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	0.00	23.26	6,905.46	NA	18 - 28	Chinle/Alluvium Interface
MKTF-24	02/27/21	2.00	31.47	ND	0.00	22.97	6,905.75	NA	18 - 28	Chinle/Alluvium Interface
MKTF-24	03/31/21	2.00	31.47	ND	0.00	23.16	6,905.56	NA	18 - 28	Chinle/Alluvium Interface
MKTF-24	04/26/21	2.00	31.47	ND	0.00	24.16	6,904.56	NA	18 - 28	Chinle/Alluvium Interface
MKTF-24	05/20/21	2.00	31.47	ND	0.00	23.21	6,905.51	NA	18 - 28	Chinle/Alluvium Interface
MKTF-24	06/01/21	2.00	31.47	ND	0.00	23.40	6,905.32	NA	18 - 28	Chinle/Alluvium Interface
MKTF-24	07/21/21	2.00	31.47	ND	0.00	21.16	6,907.56	NA	18 - 28	Chinle/Alluvium Interface
MKTF-24	08/26/21	2.00	31.47	ND	0.00	23.68	6,905.04	NA	18 - 28	Chinle/Alluvium Interface
MKTF-24	09/08/21	2.00	31.40	ND	0.00	24.00	6,904.72	NA	18 - 28	Chinle/Alluvium Interface
MKTF-24	10/27/21	2.00	31.40	ND	0.00	23.70	6,905.02	NA	18 - 28	Chinle/Alluvium Interface
MKTF-24	11/17/21	2.00	31.40	ND	0.00	23.65	6,905.07	NA	18 - 28	Chinle/Alluvium Interface
MKTF-24	12/15/21	2.00	31.42	ND	0.00	23.55	6,905.17	NA	18 - 28	Chinle/Alluvium Interface
MKTF-24	01/10/22	2.00	31.42	ND	0.00	23.22	6,905.50	NA	18 - 28	Chinle/Alluvium Interface
MKTF-24	02/28/22	2.00	31.42	ND	0.00	23.20	6,905.52	NA	18 - 28	Chinle/Alluvium Interface
MKTF-24	03/02/22	2.00	31.40	ND	0.00	23.60	6,905.12	NA	18 - 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)	SPH Column Thickness (ft)	Depth to Water (ft)	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	0.00	13.54	6,902.65	NA	6 - 16	Chinle/Alluvium Interface
MKTF-25	02/27/21	2.00	20.09	ND	0.00	13.46	6,902.73	NA	6 - 16	Chinle/Alluvium Interface
MKTF-25	03/31/21	2.00	20.09	ND	0.00	13.41	6,902.78	NA	6 - 16	Chinle/Alluvium Interface
MKTF-25	04/26/21	2.00	20.09	ND	0.00	14.14	6,902.05	NA	6 - 16	Chinle/Alluvium Interface
MKTF-25	05/20/21	2.00	20.09	ND	0.00	13.32	6,902.87	NA	6 - 16	Chinle/Alluvium Interface
MKTF-25	06/01/21	2.00	20.09	ND	0.00	13.56	6,902.63	NA	6 - 16	Chinle/Alluvium Interface
MKTF-25	07/21/21	2.00	20.09	ND	0.00	12.88	6,903.31	NA	6 - 16	Chinle/Alluvium Interface
MKTF-25	08/26/21	2.00	20.09	ND	0.00	14.14	6,902.05	NA	6 - 16	Chinle/Alluvium Interface
MKTF-25	09/08/21	2.00	20.09	ND	0.00	14.45	6,901.74	NA	6 - 16	Chinle/Alluvium Interface
MKTF-25	10/27/21	2.00	20.09	ND	0.00	13.91	6,902.28	NA	6 - 16	Chinle/Alluvium Interface
MKTF-25	11/17/21	2.00	20.09	ND	0.00	13.88	6,902.31	NA	6 - 16	Chinle/Alluvium Interface
MKTF-25	12/16/21	2.00	20.07	ND	0.00	13.72	6,902.47	NA	6 - 16	Chinle/Alluvium Interface
MKTF-25	01/10/22	2.00	20.07	ND	0.00	13.55	6,902.64	NA	6 - 16	Chinle/Alluvium Interface
MKTF-25	02/28/22	2.00	20.07	ND	0.00	13.50	6,902.69	NA	6 - 16	Chinle/Alluvium Interface
MKTF-25	03/02/22	2.00	20.08	ND	0.00	13.70	6,902.49	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)	SPH Column Thickness (ft)	Depth to Water (ft)	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	8.93	0.27	9.20	6,906.11	6906.33	4 - 14	Chinle/Alluvium Interface
MKTF-26	02/27/21	2.00	16.90	8.88	0.17	9.05	6,906.26	6906.40	4 - 14	Chinle/Alluvium Interface
MKTF-26	03/31/21	2.00	16.90	9.00	0.11	9.11	6,906.20	6906.29	4 - 14	Chinle/Alluvium Interface
MKTF-26	04/26/21	2.00	16.90	8.81	0.11	8.92	6,906.39	6906.48	4 - 14	Chinle/Alluvium Interface
MKTF-26	05/20/21	2.00	16.90	9.02	0.12	9.14	6,906.17	6906.27	4 - 14	Chinle/Alluvium Interface
MKTF-26	06/01/21	2.00	16.90	9.10	0.09	9.19	6,906.12	6906.19	4 - 14	Chinle/Alluvium Interface
MKTF-26	07/07/21	2.00	16.90	ND	0.00	9.34	6,905.97	NA	4 - 14	Chinle/Alluvium Interface
MKTF-26	08/26/21	2.00	16.90	8.98	0.02	9.00	6,906.31	6906.33	4 - 14	Chinle/Alluvium Interface
MKTF-26	09/09/21	2.00	16.90	9.02	0.02	9.04	6,906.27	6906.29	4 - 14	Chinle/Alluvium Interface
MKTF-26	10/27/21	2.00	16.90	8.90	0.02	8.92	6,906.39	6906.41	4 - 14	Chinle/Alluvium Interface
MKTF-26	11/02/21	2.00	16.90	ND	0.00	8.88	6,906.43	NA	4 - 14	Chinle/Alluvium Interface
MKTF-26	12/09/21	2.00	16.90	8.77	0.19	8.96	6,906.35	6906.50	4 - 14	Chinle/Alluvium Interface
MKTF-26	01/10/22	2.00	16.90	ND	0.00	8.82	6,906.49	NA	4 - 14	Chinle/Alluvium Interface
MKTF-26	02/28/22	2.00	16.90	ND	0.00	8.81	6,906.50	NA	4 - 14	Chinle/Alluvium Interface
MKTF-26	03/02/22	2.00	16.90	8.79	0.18	8.97	6,906.34	6906.48	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)	SPH Column Thickness (ft)	Depth to Water (ft)	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	0.00	6.62	6,911.28	NA	1 - 12	Chinle/Alluvium Interface
MKTF-27	02/28/21	2.00	14.76	ND	0.00	5.51	6,912.39	NA	1 - 12	Chinle/Alluvium Interface
MKTF-27	03/31/21	2.00	14.76	ND	0.00	6.48	6,911.42	NA	1 - 12	Chinle/Alluvium Interface
MKTF-27	04/26/21	2.00	14.76	ND	0.00	6.18	6,911.72	NA	1 - 12	Chinle/Alluvium Interface
MKTF-27	05/20/21	2.00	14.76	ND	0.00	6.52	6,911.38	NA	1 - 12	Chinle/Alluvium Interface
MKTF-27	06/01/21	2.00	14.76	ND	0.00	6.69	6,911.21	NA	1 - 12	Chinle/Alluvium Interface
MKTF-27	07/21/21	2.00	14.76	ND	0.00	5.75	6,912.15	NA	1 - 12	Chinle/Alluvium Interface
MKTF-27	08/26/21	2.00	14.76	ND	0.00	6.58	6,911.32	NA	1 - 12	Chinle/Alluvium Interface
MKTF-27	09/09/21	2.00	14.76	ND	0.00	7.00	6,910.90	NA	1 - 12	Chinle/Alluvium Interface
MKTF-27	10/27/21	2.00	14.76	ND	0.00	6.52	6,911.38	NA	1 - 12	Chinle/Alluvium Interface
MKTF-27	11/17/21	2.00	14.76	ND	0.00	6.55	6,911.35	NA	1 - 12	Chinle/Alluvium Interface
MKTF-27	12/13/21	2.00	14.76	ND	0.00	6.61	6,911.29	NA	1 - 12	Chinle/Alluvium Interface
MKTF-27	01/10/22	2.00	14.76	ND	0.00	6.87	6,911.03	NA	1 - 12	Chinle/Alluvium Interface
MKTF-27	02/28/22	2.00	14.76	ND	0.00	6.85	6,911.05	NA	1 - 12	Chinle/Alluvium Interface
MKTF-27	03/01/22	2.00	14.75	ND	0.00	6.58	6,911.32	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)	SPH Column Thickness (ft)	Depth to Water (ft)	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	0.00	9.74	6,911.78	NA	3 - 13	Chinle/Alluvium Interface
MKTF-28	02/28/21	2.00	16.16	ND	0.00	8.18	6,913.34	NA	3 - 13	Chinle/Alluvium Interface
MKTF-28	03/31/21	2.00	16.16	ND	0.00	8.51	6,913.01	NA	3 - 13	Chinle/Alluvium Interface
MKTF-28	04/26/21	2.00	16.16	ND	0.00	8.47	6,913.05	NA	3 - 13	Chinle/Alluvium Interface
MKTF-28	05/20/21	2.00	16.16	ND	0.00	7.94	6,913.58	NA	3 - 13	Chinle/Alluvium Interface
MKTF-28	06/01/21	2.00	16.16	ND	0.00	7.87	6,913.65	NA	3 - 13	Chinle/Alluvium Interface
MKTF-28	07/21/21	2.00	16.16	ND	0.00	8.55	6,912.97	NA	3 - 13	Chinle/Alluvium Interface
MKTF-28	08/26/21	2.00	16.16	ND	0.00	9.00	6,912.52	NA	3 - 13	Chinle/Alluvium Interface
MKTF-28	09/09/21	2.00	16.16	ND	0.00	8.40	6,913.12	NA	3 - 13	Chinle/Alluvium Interface
MKTF-28	10/27/21	2.00	16.16	ND	0.00	10.90	6,910.62	NA	3 - 13	Chinle/Alluvium Interface
MKTF-28	11/17/21	2.00	16.16	ND	0.00	8.49	6,913.03	NA	3 - 13	Chinle/Alluvium Interface
MKTF-28	12/13/21	2.00	16.16	ND	0.00	7.57	6,913.95	NA	3 - 13	Chinle/Alluvium Interface
MKTF-28	01/10/22	2.00	16.16	ND	0.00	7.50	6,914.02	NA	3 - 13	Chinle/Alluvium Interface
MKTF-28	02/28/22	2.00	16.16	ND	0.00	7.52	6,914.00	NA	3 - 13	Chinle/Alluvium Interface
MKTF-28	03/01/22	2.00	16.17	ND	0.00	7.53	6,913.99	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)	SPH Column Thickness (ft)	Depth to Water (ft)	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	0.00	5.61	6,896.01	NA	10 - 20	Chinle/Alluvium Interface
MKTF-29	02/28/21	2.00	22.83	ND	0.00	5.31	6,896.31	NA	10 - 20	Chinle/Alluvium Interface
MKTF-29	03/31/21	2.00	22.83	ND	0.00	5.20	6,896.42	NA	10 - 20	Chinle/Alluvium Interface
MKTF-29	04/26/21	2.00	22.83	ND	0.00	4.92	6,896.70	NA	10 - 20	Chinle/Alluvium Interface
MKTF-29	05/20/21	2.00	22.83	ND	0.00	5.21	6,896.41	NA	10 - 20	Chinle/Alluvium Interface
MKTF-29	06/01/21	2.00	22.83	ND	0.00	4.12	6,897.50	NA	10 - 20	Chinle/Alluvium Interface
MKTF-29	07/21/21	2.00	22.83	ND	0.00	7.90	6,893.72	NA	10 - 20	Chinle/Alluvium Interface
MKTF-29	08/26/21	2.00	22.83	ND	0.00	8.31	6,893.31	NA	10 - 20	Chinle/Alluvium Interface
MKTF-29	09/09/21	2.00	22.83	ND	0.00	8.75	6,892.87	NA	10 - 20	Chinle/Alluvium Interface
MKTF-29	10/27/21	2.00	22.83	ND	0.00	7.32	6,894.30	NA	10 - 20	Chinle/Alluvium Interface
MKTF-29	11/17/21	2.00	22.83	ND	0.00	7.08	6,894.54	NA	10 - 20	Chinle/Alluvium Interface
MKTF-29	12/13/21	2.00	22.83	ND	0.00	6.45	6,895.17	NA	10 - 20	Chinle/Alluvium Interface
MKTF-29	01/10/22	2.00	22.83	ND	0.00	6.64	6,894.98	NA	10 - 20	Chinle/Alluvium Interface
MKTF-29	02/28/22	2.00	22.83	ND	0.00	6.65	6,894.97	NA	10 - 20	Chinle/Alluvium Interface
MKTF-29	03/01/22	2.00	22.84	ND	0.00	6.42	6,895.20	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)	SPH Column Thickness (ft)	Depth to Water (ft)	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	0.00	16.79	6,884.01	NA	10 - 20	Chinle/Alluvium Interface
MKTF-30	02/28/21	2.00	22.95	ND	0.00	16.33	6,884.47	NA	10 - 20	Chinle/Alluvium Interface
MKTF-30	03/31/21	2.00	22.95	ND	0.00	16.40	6,884.40	NA	10 - 20	Chinle/Alluvium Interface
MKTF-30	04/26/21	2.00	22.95	ND	0.00	16.20	6,884.60	NA	10 - 20	Chinle/Alluvium Interface
MKTF-30	05/20/21	2.00	22.95	ND	0.00	16.39	6,884.41	NA	10 - 20	Chinle/Alluvium Interface
MKTF-30	06/01/21	2.00	22.95	ND	0.00	16.32	6,884.48	NA	10 - 20	Chinle/Alluvium Interface
MKTF-30	07/21/21	2.00	22.95	ND	0.00	17.03	6,883.77	NA	10 - 20	Chinle/Alluvium Interface
MKTF-30	08/26/21	2.00	22.95	ND	0.00	17.32	6,883.48	NA	10 - 20	Chinle/Alluvium Interface
MKTF-30	09/09/21	2.00	22.95	ND	0.00	17.39	6,883.41	NA	10 - 20	Chinle/Alluvium Interface
MKTF-30	10/27/21	2.00	22.95	ND	0.00	17.30	6,883.50	NA	10 - 20	Chinle/Alluvium Interface
MKTF-30	11/17/21	2.00	22.95	ND	0.00	17.32	6,883.48	NA	10 - 20	Chinle/Alluvium Interface
MKTF-30	12/13/21	2.00	22.95	ND	0.00	17.21	6,883.59	NA	10 - 20	Chinle/Alluvium Interface
MKTF-30	01/10/22	2.00	22.95	ND	0.00	17.13	6,883.67	NA	10 - 20	Chinle/Alluvium Interface
MKTF-30	02/28/22	2.00	22.95	ND	0.00	17.17	6,883.63	NA	10 - 20	Chinle/Alluvium Interface
MKTF-30	03/01/22	2.00	22.95	ND	0.00	17.70	6,883.10	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)	SPH Column Thickness (ft)	Depth to Water (ft)	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	0.00	8.62	6,898.25	NA	6 - 21	Chinle/Alluvium Interface
MKTF-31	02/28/21	2.00	19.36	ND	0.00	8.53	6,898.34	NA	6 - 21	Chinle/Alluvium Interface
MKTF-31	03/31/21	2.00	19.36	ND	0.00	8.61	6,898.26	NA	6 - 21	Chinle/Alluvium Interface
MKTF-31	04/26/21	2.00	19.36	ND	0.00	8.40	6,898.47	NA	6 - 21	Chinle/Alluvium Interface
MKTF-31	05/20/21	2.00	19.36	ND	0.00	8.51	6,898.36	NA	6 - 21	Chinle/Alluvium Interface
MKTF-31	06/01/21	2.00	19.36	ND	0.00	8.43	6,898.44	NA	6 - 21	Chinle/Alluvium Interface
MKTF-31	07/21/21	2.00	19.36	ND	0.00	8.63	6,898.24	NA	6 - 21	Chinle/Alluvium Interface
MKTF-31	08/26/21	2.00	19.36	ND	0.00	9.25	6,897.62	NA	6 - 21	Chinle/Alluvium Interface
MKTF-31	09/09/21	2.00	19.35	ND	0.00	9.40	6,897.47	NA	6 - 21	Chinle/Alluvium Interface
MKTF-31	10/27/21	2.00	19.35	ND	0.00	9.44	6,897.43	NA	6 - 21	Chinle/Alluvium Interface
MKTF-31	11/17/21	2.00	19.35	ND	0.00	9.32	6,897.55	NA	6 - 21	Chinle/Alluvium Interface
MKTF-31	12/15/21	2.00	19.33	ND	0.00	9.34	6,897.53	NA	6 - 21	Chinle/Alluvium Interface
MKTF-31	01/10/22	2.00	19.33	ND	0.00	9.30	6,897.57	NA	6 - 21	Chinle/Alluvium Interface
MKTF-31	02/28/22	2.00	19.33	ND	0.00	9.00	6,897.87	NA	6 - 21	Chinle/Alluvium Interface
MKTF-31	03/02/22	2.00	19.35	ND	0.00	9.30	6,897.57	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)	SPH Column Thickness (ft)	Depth to Water (ft)	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	14.08	0.01	14.08	6,897.03	6897.04	9- 26	Chinle/Alluvium Interface
MKTF-32	02/27/21	2.00	27.79	14.01	0.01	14.02	6,897.09	6897.10	9- 26	Chinle/Alluvium Interface
MKTF-32	03/31/21	2.00	27.79	ND	0.00	14.11	6,897.00	NA	9- 26	Chinle/Alluvium Interface
MKTF-32	04/26/21	2.00	27.79	ND	0.00	13.90	6,897.21	NA	9- 26	Chinle/Alluvium Interface
MKTF-32	05/20/21	2.00	27.79	ND	0.00	14.15	6,896.96	NA	9- 26	Chinle/Alluvium Interface
MKTF-32	06/01/21	2.00	27.79	ND	0.00	13.86	6,897.25	NA	9- 26	Chinle/Alluvium Interface
MKTF-32	07/21/21	2.00	27.79	ND	0.00	14.22	6,896.89	NA	9- 26	Chinle/Alluvium Interface
MKTF-32	08/25/21	2.00	27.79	ND	0.00	14.95	6,896.16	NA	9- 26	Chinle/Alluvium Interface
MKTF-32	09/09/21	2.00	27.79	ND	0.00	15.20	6,895.91	NA	9- 26	Chinle/Alluvium Interface
MKTF-32	10/27/21	2.00	27.79	ND	0.00	14.47	6,896.64	NA	9- 26	Chinle/Alluvium Interface
MKTF-32	11/17/21	2.00	27.79	ND	0.00	14.55	6,896.56	NA	9- 26	Chinle/Alluvium Interface
MKTF-32	12/03/21	2.00	27.50	ND	0.00	14.48	6,896.63	NA	9- 26	Chinle/Alluvium Interface
MKTF-32	01/10/22	2.00	27.50	ND	0.00	14.25	6,896.86	NA	9- 26	Chinle/Alluvium Interface
MKTF-32	02/28/22	2.00	27.50	ND	0.00	14.26	6,896.85	NA	9- 26	Chinle/Alluvium Interface
MKTF-32	03/01/22	2.00	27.78	ND	0.00	14.42	6,896.69	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)	SPH Column Thickness (ft)	Depth to Water (ft)	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	22.58	3.38	25.96	6,913.79	6916.49	20 - 30	Chinle/Alluvium Interface
MKTF-33	02/27/21	2.00	33.28	23.00	0.75	23.75	6,916.00	6916.60	20 - 30	Chinle/Alluvium Interface
MKTF-33	03/31/21	2.00	33.28	23.19	0.22	23.41	6,916.34	6916.52	20 - 30	Chinle/Alluvium Interface
MKTF-33	04/26/21	2.00	33.28	24.16	0.61	24.77	6,914.98	6915.47	20 - 30	Chinle/Alluvium Interface
MKTF-33	05/20/21	2.00	33.28	23.21	0.31	23.52	6,916.23	6916.48	20 - 30	Chinle/Alluvium Interface
MKTF-33	06/01/21	2.00	33.28	23.07	0.38	23.45	6,916.30	6916.60	20 - 30	Chinle/Alluvium Interface
MKTF-33	07/07/21	2.00	33.28	23.35	0.05	23.40	6,916.35	6916.39	20 - 30	Chinle/Alluvium Interface
MKTF-33	08/25/21	2.00	33.28	23.45	0.15	23.60	6,916.15	6916.27	20 - 30	Chinle/Alluvium Interface
MKTF-33	09/09/21	2.00	33.28	23.47	0.18	23.65	6,916.10	6916.24	20 - 30	Chinle/Alluvium Interface
MKTF-33	10/27/21	2.00	33.28	23.38	0.03	23.41	6,916.34	6916.36	20 - 30	Chinle/Alluvium Interface
MKTF-33	11/02/21	2.00	33.28	23.35	0.02	23.37	6,916.38	6916.40	20 - 30	Chinle/Alluvium Interface
MKTF-33	12/03/21	2.00	33.28	23.29	0.04	23.33	6,916.42	6916.45	20 - 30	Chinle/Alluvium Interface
MKTF-33	01/10/22	2.00	33.28	23.20	0.15	23.35	6,916.40	6916.52	20 - 30	Chinle/Alluvium Interface
MKTF-33	02/28/22	2.00	33.28	22.92	0.02	22.94	6,916.81	6916.83	20 - 30	Chinle/Alluvium Interface
MKTF-33	03/01/22	2.00	33.10	23.25	0.04	23.29	6,916.46	6916.49	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)	SPH Column Thickness (ft)	Depth to Water (ft)	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	0.00	19.39	6,925.96	NA	9 - 24	Chinle/Alluvium Interface
MKTF-34	02/28/21	2.00	27.79	18.40	0.01	18.41	6,926.94	6,926.95	9 - 24	Chinle/Alluvium Interface
MKTF-34	03/31/21	2.00	27.79	ND	0.00	20.61	6,924.74	NA	9 - 24	Chinle/Alluvium Interface
MKTF-34	04/26/21	2.00	27.79	ND	0.00	22.61	6,922.74	NA	9 - 24	Chinle/Alluvium Interface
MKTF-34	05/20/21	2.00	27.79	ND	0.00	20.60	6,924.75	NA	9 - 24	Chinle/Alluvium Interface
MKTF-34	06/01/21	2.00	27.79	ND	0.00	20.23	6,925.12	NA	9 - 24	Chinle/Alluvium Interface
MKTF-34	07/21/21	2.00	27.79	ND	0.00	20.21	6,925.14	NA	9 - 24	Chinle/Alluvium Interface
MKTF-34	08/25/21	2.00	27.79	ND	0.00	19.80	6,925.55	NA	9 - 24	Chinle/Alluvium Interface
MKTF-34	09/09/21	2.00	27.79	ND	0.00	19.90	6,925.45	NA	9 - 24	Chinle/Alluvium Interface
MKTF-34	10/27/21	2.00	27.79	ND	0.00	19.38	6,925.97	NA	9 - 24	Chinle/Alluvium Interface
MKTF-34	11/17/21	2.00	27.79	ND	0.00	19.44	6,925.91	NA	9 - 24	Chinle/Alluvium Interface
MKTF-34	12/03/21	2.00	27.79	ND	0.00	19.60	6,925.75	NA	9 - 24	Chinle/Alluvium Interface
MKTF-34	01/10/22	2.00	27.79	ND	0.00	19.62	6,925.73	NA	9 - 24	Chinle/Alluvium Interface
MKTF-34	02/28/22	2.00	27.79	ND	0.00	19.61	6,925.74	NA	9 - 24	Chinle/Alluvium Interface
MKTF-34	03/01/22	2.00	27.72	ND	0.00	18.69	6,926.66	NA	9 - 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)	SPH Column Thickness (ft)	Depth to Water (ft)	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	0.00	9.46	6,942.19	NA	6 - 16	Chinle/Alluvium Interface
MKTF-35	02/28/21	2.00	16.55	ND	0.00	9.17	6,942.48	NA	6 - 16	Chinle/Alluvium Interface
MKTF-35	03/31/21	2.00	16.55	ND	0.00	9.50	6,942.15	NA	6 - 16	Chinle/Alluvium Interface
MKTF-35	04/26/21	2.00	16.55	ND	0.00	10.33	6,941.32	NA	6 - 16	Chinle/Alluvium Interface
MKTF-35	05/20/21	2.00	16.55	ND	0.00	9.60	6,942.05	NA	6 - 16	Chinle/Alluvium Interface
MKTF-35	06/01/21	2.00	16.55	ND	0.00	9.47	6,942.18	NA	6 - 16	Chinle/Alluvium Interface
MKTF-35	07/21/21	2.00	16.55	ND	0.00	9.47	6,942.18	NA	6 - 16	Chinle/Alluvium Interface
MKTF-35	08/25/21	2.00	16.55	ND	0.00	9.66	6,941.99	NA	6 - 16	Chinle/Alluvium Interface
MKTF-35	09/09/21	2.00	16.55	ND	0.00	9.81	6,941.84	NA	6 - 16	Chinle/Alluvium Interface
MKTF-35	10/27/21	2.00	16.55	ND	0.00	9.87	6,941.78	NA	6 - 16	Chinle/Alluvium Interface
MKTF-35	11/17/21	2.00	16.55	ND	0.00	9.99	6,941.66	NA	6 - 16	Chinle/Alluvium Interface
MKTF-35	12/02/21	2.00	16.48	ND	0.00	10.15	6,941.50	NA	6 - 16	Chinle/Alluvium Interface
MKTF-35	01/10/22	2.00	16.48	ND	0.00	9.98	6,941.67	NA	6 - 16	Chinle/Alluvium Interface
MKTF-35	02/28/22	2.00	16.48	ND	0.00	10.00	6,941.65	NA	6 - 16	Chinle/Alluvium Interface
MKTF-35	03/01/22	2.00	16.48	ND	0.00	10.10	6,941.55	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)	SPH Column Thickness (ft)	Depth to Water (ft)	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	8.13	0.05	8.18	6,945.33	6945.37	5 - 15	Chinle/Alluvium Interface
MKTF-36	02/28/21	2.00	15.58	8.26	0.01	8.27	6,945.24	6945.25	5 - 15	Chinle/Alluvium Interface
MKTF-36	03/31/21	2.00	15.58	ND	0.00	8.36	6,945.15	NA	5 - 15	Chinle/Alluvium Interface
MKTF-36	04/26/21	2.00	15.58	ND	0.00	8.91	6,944.60	NA	5 - 15	Chinle/Alluvium Interface
MKTF-36	05/20/21	2.00	15.58	ND	0.00	8.30	6,945.21	NA	5 - 15	Chinle/Alluvium Interface
MKTF-36	06/01/21	2.00	15.58	ND	0.00	8.11	6,945.40	NA	5 - 15	Chinle/Alluvium Interface
MKTF-36	07/21/21	2.00	15.58	8.20	0.05	8.25	6,945.26	6945.30	5 - 15	Chinle/Alluvium Interface
MKTF-36	08/25/21	2.00	15.58	8.45	0.15	8.60	6,944.91	6945.03	5 - 15	Chinle/Alluvium Interface
MKTF-36	09/08/21	2.00	15.58	8.44	0.12	8.56	6,944.95	6945.05	5 - 15	Chinle/Alluvium Interface
MKTF-36	10/27/21	2.00	15.58	8.70	0.15	8.85	6,944.66	6944.78	5 - 15	Chinle/Alluvium Interface
MKTF-36	11/17/21	2.00	15.58	8.76	0.10	8.86	6,944.65	6944.73	5 - 15	Chinle/Alluvium Interface
MKTF-36	12/09/21	2.00	15.58	8.41	0.19	8.60	6,944.91	6945.06	5 - 15	Chinle/Alluvium Interface
MKTF-36	01/10/22	2.00	15.58	8.37	0.20	8.57	6,944.94	6945.10	5 - 15	Chinle/Alluvium Interface
MKTF-36	02/28/22	2.00	15.58	8.30	0.30	8.60	6,944.91	6945.15	5 - 15	Chinle/Alluvium Interface
MKTF-36	03/02/22	2.00	15.58	8.37	0.18	8.55	6,944.96	6945.10	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)	SPH Column Thickness (ft)	Depth to Water (ft)	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	9.64	0.01	9.65	6,949.22	6949.23	4 - 24	Chinle/Alluvium Interface
MKTF-37	02/28/21	2.00	24.67	9.65	0.02	9.67	6,949.20	6949.22	4 - 24	Chinle/Alluvium Interface
MKTF-37	03/31/21	2.00	24.67	9.83	0.02	9.85	6,949.02	6949.04	4 - 24	Chinle/Alluvium Interface
MKTF-37	04/26/21	2.00	24.67	10.10	0.03	10.13	6,948.74	6948.76	4 - 24	Chinle/Alluvium Interface
MKTF-37	05/20/21	2.00	24.67	9.79	0.03	9.82	6,949.05	6949.07	4 - 24	Chinle/Alluvium Interface
MKTF-37	06/01/21	2.00	24.67	9.86	0.04	9.90	6,948.97	6949.00	4 - 24	Chinle/Alluvium Interface
MKTF-37	07/21/21	2.00	24.67	9.85	0.41	10.26	6,948.61	6948.94	4 - 24	Chinle/Alluvium Interface
MKTF-37	08/25/21	2.00	24.67	10.40	0.05	10.45	6,948.42	6948.46	4 - 24	Chinle/Alluvium Interface
MKTF-37	09/08/21	2.00	24.67	9.94	0.17	10.11	6,948.76	6948.90	4 - 24	Chinle/Alluvium Interface
MKTF-37	10/27/21	2.00	24.67	10.58	0.02	10.60	6,948.27	6948.29	4 - 24	Chinle/Alluvium Interface
MKTF-37	11/17/21	2.00	24.67	10.42	0.04	10.46	6,948.41	6948.44	4 - 24	Chinle/Alluvium Interface
MKTF-37	12/09/21	2.00	24.67	10.30	0.07	10.37	6,948.50	6948.56	4 - 24	Chinle/Alluvium Interface
MKTF-37	01/10/22	2.00	24.67	11.10	0.15	11.25	6,947.62	6947.74	4 - 24	Chinle/Alluvium Interface
MKTF-37	02/28/22	2.00	24.67	11.00	0.24	11.24	6,947.63	6947.82	4 - 24	Chinle/Alluvium Interface
MKTF-37	03/01/22	2.00	24.69	10.32	0.07	10.39	6,948.48	6948.54	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)	SPH Column Thickness (ft)	Depth to Water (ft)	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	0.00	9.22	6,945.67	NA	5 - 20	Chinle/Alluvium Interface
MKTF-38	02/28/21	2.00	20.34	ND	0.00	9.17	6,945.72	NA	5 - 20	Chinle/Alluvium Interface
MKTF-38	03/31/21	2.00	20.34	ND	0.00	9.30	6,945.59	NA	5 - 20	Chinle/Alluvium Interface
MKTF-38	04/26/21	2.00	20.34	ND	0.00	8.86	6,946.03	NA	5 - 20	Chinle/Alluvium Interface
MKTF-38	05/20/21	2.00	20.34	ND	0.00	9.31	6,945.58	NA	5 - 20	Chinle/Alluvium Interface
MKTF-38	06/01/21	2.00	20.34	ND	0.00	8.95	6,945.94	NA	5 - 20	Chinle/Alluvium Interface
MKTF-38	07/21/21	2.00	20.34	ND	0.00	9.89	6,945.00	NA	5 - 20	Chinle/Alluvium Interface
MKTF-38	08/25/21	2.00	20.34	ND	0.00	10.15	6,944.74	NA	5 - 20	Chinle/Alluvium Interface
MKTF-38	09/08/21	2.00	20.34	ND	0.00	10.30	6,944.59	NA	5 - 20	Chinle/Alluvium Interface
MKTF-38	10/27/21	2.00	20.34	ND	0.00	10.32	6,944.57	NA	5 - 20	Chinle/Alluvium Interface
MKTF-38	11/17/21	2.00	20.34	ND	0.00	10.55	6,944.34	NA	5 - 20	Chinle/Alluvium Interface
MKTF-38	12/03/21	2.00	20.34	ND	0.00	10.70	6,944.19	NA	5 - 20	Chinle/Alluvium Interface
MKTF-38	01/10/22	2.00	20.34	ND	0.00	10.68	6,944.21	NA	5 - 20	Chinle/Alluvium Interface
MKTF-38	02/28/22	2.00	20.34	ND	0.00	10.70	6,944.19	NA	5 - 20	Chinle/Alluvium Interface
MKTF-38	03/01/22	2.00	20.28	ND	0.00	10.66	6,944.23	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)	SPH Column Thickness (ft)	Depth to Water (ft)	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	9.45	2.13	11.58	6,942.17	6,943.87	5 - 15	Chinle/Alluvium Interface
MKTF-39	02/28/21	2.00	15.21	9.31	0.71	10.02	6,943.73	6,944.30	5 - 15	Chinle/Alluvium Interface
MKTF-39	03/31/21	2.00	15.21	9.38	0.82	10.20	6,943.55	6,944.21	5 - 15	Chinle/Alluvium Interface
MKTF-39	04/26/21	2.00	15.21	11.16	0.03	11.19	6,942.56	6,942.58	5 - 15	Chinle/Alluvium Interface
MKTF-39	05/20/21	2.00	15.21	9.36	0.86	10.22	6,943.53	6,944.22	5 - 15	Chinle/Alluvium Interface
MKTF-39	06/01/21	2.00	15.21	9.27	0.79	10.06	6,943.69	6,944.32	5 - 15	Chinle/Alluvium Interface
MKTF-39	07/21/21	2.00	15.21	8.83	0.70	9.53	6,944.22	6,944.78	5 - 15	Chinle/Alluvium Interface
MKTF-39	08/25/21	2.00	15.21	9.00	0.40	9.40	6,944.35	6,944.67	5 - 15	Chinle/Alluvium Interface
MKTF-39	09/09/21	2.00	15.21	9.18	0.45	9.63	6,944.12	6,944.48	5 - 15	Chinle/Alluvium Interface
MKTF-39	10/27/21	2.00	15.21	9.75	0.30	10.05	6,943.70	6,943.94	5 - 15	Chinle/Alluvium Interface
MKTF-39	11/02/21	2.00	15.21	9.76	0.35	10.11	6,943.64	6,943.92	5 - 15	Chinle/Alluvium Interface
MKTF-39	12/03/21	2.00	15.21	9.66	0.39	10.05	6,943.70	6,944.01	5 - 15	Chinle/Alluvium Interface
MKTF-39	01/10/22	2.00	15.21	10.56	0.54	11.10	6,942.65	6,943.08	5 - 15	Chinle/Alluvium Interface
MKTF-39	02/28/22	2.00	15.21	10.58	0.54	11.12	6,942.63	6,943.06	5 - 15	Chinle/Alluvium Interface
MKTF-39	03/01/22	2.00	15.20	9.68	0.40	10.08	6,943.67	6,943.99	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)	SPH Column Thickness (ft)	Depth to Water (ft)	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	0.00	14.22	6,880.11	NA	5 - 20	Chinle/Alluvium Interface
MKTF-40	02/28/21	2.00	23.66	ND	0.00	14.17	6,880.16	NA	5 - 20	Chinle/Alluvium Interface
MKTF-40	03/31/21	2.00	23.66	ND	0.00	14.65	6,879.68	NA	5 - 20	Chinle/Alluvium Interface
MKTF-40	04/26/21	2.00	23.66	ND	0.00	15.65	6,878.68	NA	5 - 20	Chinle/Alluvium Interface
MKTF-40	05/20/21	2.00	23.66	ND	0.00	14.63	6,879.70	NA	5 - 20	Chinle/Alluvium Interface
MKTF-40	06/01/21	2.00	23.66	ND	0.00	14.70	6,879.63	NA	5 - 20	Chinle/Alluvium Interface
MKTF-40	07/21/21	2.00	23.66	ND	0.00	13.88	6,880.45	NA	5 - 20	Chinle/Alluvium Interface
MKTF-40	08/25/21	2.00	23.66	ND	0.00	14.12	6,880.21	NA	5 - 20	Chinle/Alluvium Interface
MKTF-40	09/08/21	2.00	23.65	ND	0.00	14.08	6,880.25	NA	5 - 20	Chinle/Alluvium Interface
MKTF-40	10/27/21	2.00	23.65	ND	0.00	14.22	6,880.11	NA	5 - 20	Chinle/Alluvium Interface
MKTF-40	11/17/22	2.00	23.65	ND	0.00	14.23	6,880.10	NA	5 - 20	Chinle/Alluvium Interface
MKTF-40	12/16/21	2.00	23.65	ND	0.00	14.35	6,879.98	NA	5 - 20	Chinle/Alluvium Interface
MKTF-40	01/10/22	2.00	23.65	ND	0.00	14.44	6,879.89	NA	5 - 20	Chinle/Alluvium Interface
MKTF-40	02/28/22	2.00	23.65	ND	0.00	14.40	6,879.93	NA	5 - 20	Chinle/Alluvium Interface
MKTF-40	03/01/22	2.00	23.66	ND	0.00	14.30	6,880.03	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)	SPH Column Thickness (ft)	Depth to Water (ft)	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	0.00	21.21	6,872.43	NA	22 - 37	Chinle/Alluvium Interface
MKTF-41	02/27/21	2.00	39.85	ND	0.00	21.11	6,872.53	NA	22 - 37	Chinle/Alluvium Interface
MKTF-41	03/31/21	2.00	39.85	ND	0.00	21.41	6,872.23	NA	22 - 37	Chinle/Alluvium Interface
MKTF-41	04/26/21	2.00	39.85	ND	0.00	21.41	6,872.23	NA	22 - 37	Chinle/Alluvium Interface
MKTF-41	05/20/21	2.00	39.85	ND	0.00	21.40	6,872.24	NA	22 - 37	Chinle/Alluvium Interface
MKTF-41	06/01/21	2.00	39.85	ND	0.00	21.14	6,872.50	NA	22 - 37	Chinle/Alluvium Interface
MKTF-41	07/21/21	2.00	39.85	ND	0.00	21.81	6,871.83	NA	22 - 37	Chinle/Alluvium Interface
MKTF-41	08/25/21	2.00	39.85	ND	0.00	21.75	6,871.89	NA	22 - 37	Chinle/Alluvium Interface
MKTF-41	09/09/21	2.00	39.85	ND	0.00	21.80	6,871.84	NA	22 - 37	Chinle/Alluvium Interface
MKTF-41	10/27/21	2.00	39.85	ND	0.00	21.63	6,872.01	NA	22 - 37	Chinle/Alluvium Interface
MKTF-41	11/17/21	2.00	39.85	ND	0.00	21.48	6,872.16	NA	22 - 37	Chinle/Alluvium Interface
MKTF-41	12/03/21	2.00	39.80	ND	0.00	21.35	6,872.29	NA	22 - 37	Chinle/Alluvium Interface
MKTF-41	01/10/22	2.00	39.80	ND	0.00	21.80	6,871.84	NA	22 - 37	Chinle/Alluvium Interface
MKTF-41	02/28/22	2.00	39.80	ND	0.00	22.05	6,871.59	NA	22 - 37	Chinle/Alluvium Interface
MKTF-41	03/01/22	2.00	39.76	ND	0.00	21.43	6,872.21	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)	SPH Column Thickness (ft)	Depth to Water (ft)	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	0.00	16.85	6,876.10	NA	10 - 30	Chinle/Alluvium Interface
MKTF-42	02/27/21	2.00	33.24	ND	0.00	16.83	6,876.12	NA	10 - 30	Chinle/Alluvium Interface
MKTF-42	03/31/21	2.00	33.24	ND	0.00	17.17	6,875.78	NA	10 - 30	Chinle/Alluvium Interface
MKTF-42	04/26/21	2.00	33.24	ND	0.00	18.91	6,874.04	NA	10 - 30	Chinle/Alluvium Interface
MKTF-42	05/20/21	2.00	33.24	ND	0.00	17.10	6,875.85	NA	10 - 30	Chinle/Alluvium Interface
MKTF-42	06/01/21	2.00	33.24	ND	0.00	17.07	6,875.88	NA	10 - 30	Chinle/Alluvium Interface
MKTF-42	07/21/21	2.00	33.24	ND	0.00	17.05	6,875.90	NA	10 - 30	Chinle/Alluvium Interface
MKTF-42	08/25/21	2.00	33.24	ND	0.00	16.95	6,876.00	NA	10 - 30	Chinle/Alluvium Interface
MKTF-42	09/09/21	2.00	33.24	ND	0.00	16.98	6,875.97	NA	10 - 30	Chinle/Alluvium Interface
MKTF-42	10/27/21	2.00	33.24	ND	0.00	16.81	6,876.14	NA	10 - 30	Chinle/Alluvium Interface
MKTF-42	11/17/21	2.00	33.24	ND	0.00	16.89	6,876.06	NA	10 - 30	Chinle/Alluvium Interface
MKTF-42	12/03/22	2.00	33.20	ND	0.00	16.80	6,876.15	NA	10 - 30	Chinle/Alluvium Interface
MKTF-42	01/10/22	2.00	33.20	ND	0.00	17.21	6,875.74	NA	10 - 30	Chinle/Alluvium Interface
MKTF-42	02/28/22	2.00	33.20	ND	0.00	17.20	6,875.75	NA	10 - 30	Chinle/Alluvium Interface
MKTF-42	03/01/22	2.00	33.17	ND	0.00	17.20	6,875.75	NA	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)	SPH Column Thickness (ft)	Depth to Water (ft)	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	0.00	8.69	6,868.21	NA	2 - 12	Chinle/Alluvium Interface
MKTF-43	02/27/21	2.00	16.95	ND	0.00	8.67	6,868.23	NA	2 - 12	Chinle/Alluvium Interface
MKTF-43	03/31/21	2.00	16.95	ND	0.00	8.49	6,868.41	NA	2 - 12	Chinle/Alluvium Interface
MKTF-43	04/26/21	2.00	16.95	ND	0.00	8.66	6,868.24	NA	2 - 12	Chinle/Alluvium Interface
MKTF-43	05/20/21	2.00	16.95	ND	0.00	8.47	6,868.43	NA	2 - 12	Chinle/Alluvium Interface
MKTF-43	06/01/21	2.00	16.95	ND	0.00	8.61	6,868.29	NA	2 - 12	Chinle/Alluvium Interface
MKTF-43	07/21/21	2.00	16.95	ND	0.00	7.98	6,868.92	NA	2 - 12	Chinle/Alluvium Interface
MKTF-43	08/25/21	2.00	16.95	ND	0.00	7.63	6,869.27	NA	2 - 12	Chinle/Alluvium Interface
MKTF-43	09/09/21	2.00	16.95	ND	0.00	7.95	6,868.95	NA	2 - 12	Chinle/Alluvium Interface
MKTF-43	10/27/21	2.00	16.95	ND	0.00	8.30	6,868.60	NA	2 - 12	Chinle/Alluvium Interface
MKTF-43	11/24/21	2.00	16.95	ND	0.00	8.55	6,868.35	NA	2 - 12	Chinle/Alluvium Interface
MKTF-43	12/03/21	2.00	16.95	ND	0.00	8.95	6,867.95	NA	2 - 12	Chinle/Alluvium Interface
MKTF-43	01/10/22	2.00	16.95	ND	0.00	8.88	6,868.02	NA	2 - 12	Chinle/Alluvium Interface
MKTF-43	02/28/22	2.00	16.95	ND	0.00	8.87	6,868.03	NA	2 - 12	Chinle/Alluvium Interface
MKTF-43	03/01/22	2.00	16.93	ND	0.00	9.04	6,867.86	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)	SPH Column Thickness (ft)	Depth to Water (ft)	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	38.50	6,831.45	NA	38 - 48	Chinle/Alluvium Interface
MKTF-44	03/31/21	2.00	51.50	ND	0.00	45.28	6,824.67	NA	38 - 48	Chinle/Alluvium Interface
MKTF-44	04/26/21	2.00	51.50	ND	0.00	45.33	6,824.62	NA	38 - 48	Chinle/Alluvium Interface
MKTF-44	05/20/21	2.00	51.50	ND	0.00	45.11	6,824.84	NA	38 - 48	Chinle/Alluvium Interface
MKTF-44	06/01/21	2.00	51.50	ND	0.00	38.11	6,831.84	NA	38 - 48	Chinle/Alluvium Interface
MKTF-44	09/09/21	2.00	51.50	ND	0.00	35.25	6,834.70	NA	38 - 48	Chinle/Alluvium Interface
MKTF-44	12/22/21	2.00	51.25	ND	0.00	38.60	6,831.35	NA	38 - 48	Chinle/Alluvium Interface
MKTF-44	03/01/22	2.00	51.25	ND	0.00	41.33	6,828.62	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)	SPH Column Thickness (ft)	Depth to Water (ft)	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	16.00	0.13	16.13	6,933.46	6933.56	Unknown	Chinle/Alluvium Interface
MKTF-45	02/27/21	4.00	30.50	13.55	0.01	13.56	6,936.03	6936.04	Unknown	Chinle/Alluvium Interface
MKTF-45	03/31/21	4.00	30.50	15.55	0.02	15.57	6,934.02	6934.04	Unknown	Chinle/Alluvium Interface
MKTF-45	04/26/21	4.00	30.50	16.34	0.03	16.37	6,933.22	6933.24	Unknown	Chinle/Alluvium Interface
MKTF-45	05/20/21	4.00	30.50	15.50	0.51	16.01	6,933.58	6933.99	Unknown	Chinle/Alluvium Interface
MKTF-45	06/01/21	4.00	30.50	16.03	0.02	16.05	6,933.54	6933.56	Unknown	Chinle/Alluvium Interface
MKTF-45	07/07/21	4.00	30.50	ND	0.00	14.43	6,935.16	NA	Unknown	Chinle/Alluvium Interface
MKTF-45	08/02/21	4.00	30.50	14.45	0.02	14.47	6,935.12	6935.14	Unknown	Chinle/Alluvium Interface
MKTF-45	09/07/21	4.00	30.50	14.43	0.02	14.45	6,935.14	6935.16	Unknown	Chinle/Alluvium Interface
MKTF-45	10/27/21	4.00	30.50	ND	0.00	14.46	6,935.13	NA	Unknown	Chinle/Alluvium Interface
MKTF-45	11/02/21	4.00	30.50	ND	0.00	14.42	6,935.17	NA	Unknown	Chinle/Alluvium Interface
MKTF-45	12/09/21	4.00	30.50	14.31	0.04	14.35	6,935.24	6935.27	Unknown	Chinle/Alluvium Interface
MKTF-45	01/10/22	4.00	30.50	ND	0.00	14.70	6,934.89	NA	Unknown	Chinle/Alluvium Interface
MKTF-45	02/28/22	4.00	30.50	ND	0.00	14.55	6,935.04	NA	Unknown	Chinle/Alluvium Interface
MKTF-45	03/02/22	4.00	30.50	14.28	0.05	14.33	6,935.26	6935.30	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)	SPH Column Thickness (ft)	Depth to Water (ft)	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	0.00	11.32	6,946.28	NA	3 - 18	Chinle/Alluvium Interface
MKTF-46	02/27/21	2.00	21.30	ND	0.00	10.82	6,946.78	NA	3 - 18	Chinle/Alluvium Interface
MKTF-46	03/31/21	2.00	21.30	ND	0.00	10.90	6,946.70	NA	3 - 18	Chinle/Alluvium Interface
MKTF-46	04/26/21	2.00	21.30	ND	0.00	11.13	6,946.47	NA	3 - 18	Chinle/Alluvium Interface
MKTF-46	05/20/21	2.00	21.30	ND	0.00	11.03	6,946.57	NA	3 - 18	Chinle/Alluvium Interface
MKTF-46	06/01/21	2.00	21.30	ND	0.00	11.09	6,946.51	NA	3 - 18	Chinle/Alluvium Interface
MKTF-46	07/21/21	2.00	21.30	ND	0.00	11.83	6,945.77	NA	3 - 18	Chinle/Alluvium Interface
MKTF-46	08/25/21	2.00	21.30	ND	0.00	12.00	6,945.60	NA	3 - 18	Chinle/Alluvium Interface
MKTF-46	09/09/21	2.00	21.30	ND	0.00	12.16	6,945.44	NA	3 - 18	Chinle/Alluvium Interface
MKTF-46	10/27/21	2.00	21.30	ND	0.00	12.06	6,945.54	NA	3 - 18	Chinle/Alluvium Interface
MKTF-46	11/17/21	2.00	21.30	ND	0.00	12.55	6,945.05	NA	3 - 18	Chinle/Alluvium Interface
MKTF-46	12/03/21	2.00	21.30	ND	0.00	12.78	6,944.82	NA	3 - 18	Chinle/Alluvium Interface
MKTF-46	01/10/22	2.00	21.30	ND	0.00	13.16	6,944.44	NA	3 - 18	Chinle/Alluvium Interface
MKTF-46	02/28/22	2.00	21.30	ND	0.00	13.13	6,944.47	NA	3 - 18	Chinle/Alluvium Interface
MKTF-46	03/01/22	2.00	21.30	ND	0.00	12.80	6,944.80	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)	SPH Column Thickness (ft)	Depth to Water (ft)	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	0.00	9.34	6,949.75	NA	4 - 14	Chinle/Alluvium Interface
MKTF-47	02/27/21	2.00	14.30	ND	0.00	9.15	6,949.94	NA	4 - 14	Chinle/Alluvium Interface
MKTF-47	03/31/21	2.00	14.30	ND	0.00	DRY	NA	NA	4 - 14	Chinle/Alluvium Interface
MKTF-47	04/26/21	2.00	14.30	ND	0.00	DRY	NA	NA	4 - 14	Chinle/Alluvium Interface
MKTF-47	05/20/21	2.00	14.30	ND	0.00	DRY	NA	NA	4 - 14	Chinle/Alluvium Interface
MKTF-47	06/01/21	2.00	14.30	ND	0.00	DRY	NA	NA	4 - 14	Chinle/Alluvium Interface
MKTF-47	07/21/21	2.00	14.30	ND	0.00	DRY	NA	NA	4 - 14	Chinle/Alluvium Interface
MKTF-47	08/25/21	2.00	14.30	ND	0.00	DRY	NA	NA	4 - 14	Chinle/Alluvium Interface
MKTF-47	09/09/21	2.00	14.30	ND	0.00	DRY	NA	NA	4 - 14	Chinle/Alluvium Interface
MKTF-47	10/27/21	2.00	14.30	10.55	0.05	10.60	6,948.49	6948.53	4 - 14	Chinle/Alluvium Interface
MKTF-47	11/17/21	2.00	14.30	10.68	0.04	10.72	6,948.37	6948.40	4 - 14	Chinle/Alluvium Interface
MKTF-47	12/03/21	2.00	14.30	10.97	0.04	11.01	6,948.08	6948.11	4 - 14	Chinle/Alluvium Interface
MKTF-47	01/10/22	2.00	14.30	10.95	0.05	11.00	6,948.09	6948.13	4 - 14	Chinle/Alluvium Interface
MKTF-47	02/28/22	2.00	14.30	11.00	0.05	11.05	6,948.04	6948.08	4 - 14	Chinle/Alluvium Interface
MKTF-47	03/02/22	2.00	14.30	11.00	0.05	11.05	6,948.04	6948.08	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)	SPH Column Thickness (ft)	Depth to Water (ft)	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	12.19	0.01	12.20	6,949.53	6949.54	2 - 17	Chinle/Alluvium Interface
MKTF-48	02/27/21	2.00	20.95	12.19	0.06	12.25	6,949.48	6949.53	2 - 17	Chinle/Alluvium Interface
MKTF-48	03/31/21	2.00	20.95	12.41	0.24	12.65	6,949.08	6949.27	2 - 17	Chinle/Alluvium Interface
MKTF-48	04/26/21	2.00	20.95	13.71	0.24	13.95	6,947.78	6947.97	2 - 17	Chinle/Alluvium Interface
MKTF-48	05/20/21	2.00	20.95	12.38	0.14	12.52	6,949.21	6949.32	2 - 17	Chinle/Alluvium Interface
MKTF-48	06/01/21	2.00	20.95	12.64	0.24	12.88	6,948.85	6949.04	2 - 17	Chinle/Alluvium Interface
MKTF-48	07/21/21	2.00	20.95	13.00	0.21	13.21	6,948.52	6948.69	2 - 17	Chinle/Alluvium Interface
MKTF-48	08/25/21	2.00	20.95	13.35	0.25	13.60	6,948.13	6948.33	2 - 17	Chinle/Alluvium Interface
MKTF-48	09/09/21	2.00	20.95	13.32	0.22	13.54	6,948.19	6948.37	2 - 17	Chinle/Alluvium Interface
MKTF-48	10/27/21	2.00	20.95	13.53	0.37	13.90	6,947.83	6948.13	2 - 17	Chinle/Alluvium Interface
MKTF-48	11/17/21	2.00	20.95	13.61	0.57	14.18	6,947.55	6948.01	2 - 17	Chinle/Alluvium Interface
MKTF-48	12/03/21	2.00	20.95	14.34	0.54	14.88	6,946.85	6947.28	2 - 17	Chinle/Alluvium Interface
MKTF-48	01/10/22	2.00	20.95	14.56	0.29	14.85	6,946.88	6947.11	2 - 17	Chinle/Alluvium Interface
MKTF-48	02/28/22	2.00	20.95	14.61	0.20	14.81	6,946.92	6947.08	2 - 17	Chinle/Alluvium Interface
MKTF-48	03/02/22	2.00	21.00	14.38	0.45	14.83	6,946.90	6947.26	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)	SPH Column Thickness (ft)	Depth to Water (ft)	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	0.00	21.05	6,925.71	NA	5 - 25	Chinle/Alluvium Interface
MKTF-49	02/28/21	2.00	25.02	ND	0.00	21.05	6,925.71	NA	5 - 25	Chinle/Alluvium Interface
MKTF-49	03/31/21	2.00	25.02	ND	0.00	21.15	6,925.61	NA	5 - 25	Chinle/Alluvium Interface
MKTF-49	04/26/21	2.00	25.02	ND	0.00	20.11	6,926.65	NA	5 - 25	Chinle/Alluvium Interface
MKTF-49	05/20/21	2.00	25.02	ND	0.00	21.21	6,925.55	NA	5 - 25	Chinle/Alluvium Interface
MKTF-49	06/01/21	2.00	25.02	ND	0.00	20.92	6,925.84	NA	5 - 25	Chinle/Alluvium Interface
MKTF-49	06/01/21	2.00	25.02	ND	0.00	20.92	6,925.84	NA	5 - 25	Chinle/Alluvium Interface
MKTF-49	06/16/21	2.00	25.02	21.40	0.68	22.08	6,924.68	6925.22	5 - 25	Chinle/Alluvium Interface
MKTF-49	07/07/21	2.00	25.02	20.75	0.69	21.44	6,925.32	6925.87	5 - 25	Chinle/Alluvium Interface
MKTF-49	08/04/21	2.00	25.02	21.12	1.00	22.12	6,924.64	6925.44	5 - 25	Chinle/Alluvium Interface
MKTF-49	09/09/21	2.00	25.02	20.77	1.06	21.83	6,924.93	6925.78	5 - 25	Chinle/Alluvium Interface
MKTF-49	10/27/21	2.00	25.02	20.80	0.42	21.22	6,925.54	6925.88	5 - 25	Chinle/Alluvium Interface
MKTF-49	11/02/21	2.00	25.02	20.76	0.45	21.21	6,925.55	6925.91	5 - 25	Chinle/Alluvium Interface
MKTF-49	12/03/21	2.00	25.02	20.50	0.29	20.79	6,925.97	6926.20	5 - 25	Chinle/Alluvium Interface
MKTF-49	01/10/22	2.00	25.02	21.10	0.48	21.58	6,925.18	6925.56	5 - 25	Chinle/Alluvium Interface
MKTF-49	02/28/22	2.00	25.02	21.00	0.66	21.66	6,925.10	6925.63	5 - 25	Chinle/Alluvium Interface
MKTF-49	03/02/22	2.00	25.00	20.46	0.18	20.64	6,926.12	6926.26	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)	SPH Column Thickness (ft)	Depth to Water (ft)	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	0.00	16.43	6,926.39	NA	3 - 18	Chinle/Alluvium Interface
MKTF-50	02/28/21	2.00	21.70	ND	0.00	16.38	6,926.44	NA	3 - 18	Chinle/Alluvium Interface
MKTF-50	03/31/21	2.00	21.70	ND	0.00	16.48	6,926.34	NA	3 - 18	Chinle/Alluvium Interface
MKTF-50	04/26/21	2.00	21.70	ND	0.00	16.19	6,926.63	NA	3 - 18	Chinle/Alluvium Interface
MKTF-50	05/20/21	2.00	21.70	ND	0.00	16.47	6,926.35	NA	3 - 18	Chinle/Alluvium Interface
MKTF-50	06/01/21	2.00	21.70	ND	0.00	16.66	6,926.16	NA	3 - 18	Chinle/Alluvium Interface
MKTF-50	06/16/21	2.00	21.70	16.68	0.17	16.85	6,925.97	6926.11	3 - 18	Chinle/Alluvium Interface
MKTF-50	07/21/21	2.00	21.70	14.75	0.45	15.20	6,927.62	6927.98	3 - 18	Chinle/Alluvium Interface
MKTF-50	08/04/21	2.00	21.70	15.45	0.30	15.75	6,927.07	6927.31	3 - 18	Chinle/Alluvium Interface
MKTF-50	09/09/21	2.00	21.70	15.40	0.28	15.68	6,927.14	6927.36	3 - 18	Chinle/Alluvium Interface
MKTF-50	10/27/21	2.00	21.70	15.48	0.31	15.79	6,927.03	6927.28	3 - 18	Chinle/Alluvium Interface
MKTF-50	11/02/22	2.00	21.70	15.55	0.27	15.82	6,927.00	6927.22	3 - 18	Chinle/Alluvium Interface
MKTF-50	12/09/21	2.00	21.70	15.44	0.26	15.70	6,927.12	6927.33	3 - 18	Chinle/Alluvium Interface
MKTF-50	01/10/22	2.00	21.70	15.50	0.18	15.68	6,927.14	6927.28	3 - 18	Chinle/Alluvium Interface
MKTF-50	02/28/22	2.00	21.70	15.55	0.16	15.71	6,927.11	6927.24	3 - 18	Chinle/Alluvium Interface
MKTF-50	03/02/22	2.00	21.71	15.41	0.30	15.71	6,927.11	6927.35	3 - 18	Chinle/Alluvium Interface

Notes:

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

ft = feet

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)	Ground Level Elevation (ft)	Well Casing Bottom Elevation (ft)	Total Well Depth (ft)	Depth to SPH (ft)	SPH Column Thickness (ft)	Depth to Water (ft)	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	01/28/21	2.00	6,910.22	6,886.41	26.25	21.10	1.20	22.30	6,890.31	6891.27	17.5 - 23.5	Chinle/Alluvial Interface
GWM-1	02/28/21	2.00	6,910.22	6,886.41	26.40	21.19	1.38	22.57	6,890.04	6891.14	17.5 - 23.5	Chinle/Alluvial Interface
GWM-1	03/31/21	2.00	6,910.22	6,886.41	26.55	22.57	3.83	26.40	6,886.21	6889.27	17.5 - 23.5	Chinle/Alluvial Interface
GWM-1	04/26/21	2.00	6,910.22	6,886.41	26.40	22.14	0.84	22.98	6,889.63	6890.30	17.5 - 23.5	Chinle/Alluvial Interface
GWM-1	05/20/21	2.00	6,910.22	6,886.41	26.40	21.66	1.26	22.92	6,889.69	6890.70	17.5 - 23.5	Chinle/Alluvial Interface
GWM-1	06/02/21	2.00	6,910.22	6,886.41	26.40	21.26	1.41	22.67	6,889.94	6891.07	17.5 - 23.5	Chinle/Alluvial Interface
GWM-1	07/06/21	2.00	6,910.22	6,886.41	26.40	20.90	1.15	22.05	6,890.56	6891.48	17.5 - 23.5	Chinle/Alluvial Interface
GWM-1	08/25/21	2.00	6,910.22	6,886.41	26.40	21.20	1.23	22.43	6,890.18	6891.16	17.5 - 23.5	Chinle/Alluvial Interface
GWM-1	09/09/21	2.00	6,910.22	6,886.41	26.40	21.24	1.23	22.47	6,890.14	6891.12	17.5 - 23.5	Chinle/Alluvial Interface
GWM-1	10/27/21	2.00	6,910.22	6,886.41	26.40	21.21	1.23	22.44	6,890.17	6891.15	17.5 - 23.5	Chinle/Alluvial Interface
GWM-1	11/17/21	2.00	6,910.22	6,886.41	26.40	21.22	1.25	22.47	6,890.14	6891.14	17.5 - 23.5	Chinle/Alluvial Interface
GWM-1	12/03/21	2.00	6,910.22	6,886.41	26.40	20.89	1.27	22.16	6,890.45	6891.47	17.5 - 23.5	Chinle/Alluvial Interface
GWM-1	01/10/22	2.00	6,910.22	6,886.41	26.40	20.93	2.19	23.12	6,889.49	6891.24	17.5 - 23.5	Chinle/Alluvial Interface
GWM-1	02/28/22	2.00	6,910.22	6,886.41	26.40	20.93	2.20	23.13	6,889.48	6891.24	17.5 - 23.5	Chinle/Alluvial Interface
GWM-1	03/01/22	2.00	6,910.22	6,886.41	26.40	20.84	1.26	22.10	6,890.51	6891.52	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)	Ground Level Elevation (ft)	Well Casing Bottom Elevation (ft)	Total Well Depth (ft)	Depth to SPH (ft)	SPH Column Thickness (ft)	Depth to Water (ft)	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	01/28/21	2.00	6,910.32	6,894.28	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	02/28/21	2.00	6,910.32	6,894.28	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	03/31/21	2.00	6,910.32	6,894.28	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	04/26/21	2.00	6,910.32	6,894.28	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	05/20/21	2.00	6,910.32	6,894.28	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	06/03/21	2.00	6,910.32	6,894.28	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	07/06/21	2.00	6,910.32	6,894.28	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	08/25/21	2.00	6,910.32	6,894.28	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	09/09/21	2.00	6,910.32	6,894.28	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	10/27/21	2.00	6,910.32	6,894.28	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	11/17/21	2.00	6,910.32	6,894.28	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	12/03/21	2.00	6,910.32	6,894.28	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	01/10/22	2.00	6,910.32	6,894.28	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	02/28/22	2.00	6,910.32	6,894.28	18.08	ND	NA	DRY	NA	NA	3.2 - 16.2	Chinle/Alluvial Interface
GWM-2	03/01/22	2.00	6,910.32	6,894.28	18.08	ND	NA	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)	Ground Level Elevation (ft)	Well Casing Bottom Elevation (ft)	Total Well Depth (ft)	Depth to SPH (ft)	SPH Column Thickness (ft)	Depth to Water (ft)	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	01/28/21	2.00	6,907.35	6,892.45	19.15	ND	NA	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	02/28/21	2.00	6,907.35	6,892.45	19.15	ND	NA	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	03/31/21	2.00	6,907.35	6,892.45	19.15	ND	NA	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	04/26/21	2.00	6,907.35	6,892.45	19.15	ND	NA	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	05/20/21	2.00	6,907.35	6,892.45	19.15	ND	NA	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	06/03/21	2.00	6,907.35	6,892.45	19.15	ND	NA	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	07/06/21	2.00	6,907.35	6,892.45	19.15	ND	NA	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	08/25/21	2.00	6,907.35	6,892.45	19.15	ND	NA	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	09/09/21	2.00	6,907.35	6,892.45	19.15	ND	NA	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	10/27/21	2.00	6,907.35	6,892.45	19.15	ND	NA	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	11/17/21	2.00	6,907.35	6,892.45	19.15	ND	NA	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	12/03/21	2.00	6,907.35	6,892.45	19.15	ND	NA	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	01/10/22	2.00	6,907.35	6,892.45	19.15	ND	NA	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	02/28/22	2.00	6,907.35	6,892.45	19.15	ND	NA	DRY	DRY	NA	3 - 15	Chinle/Alluvial Interface
GWM-3	03/01/22	2.00	6,907.35	6,892.45	19.15	ND	NA	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)	Ground Level Elevation (ft)	Well Casing Bottom Elevation (ft)	Total Well Depth (ft)	Depth to SPH (ft)	SPH Column Thickness (ft)	Depth to Water (ft)	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	01/28/21	2.00	6,913.29	6,889.32	23.20	ND	NA	10.50	6,902.02	NA	15 - 25	Chinle/Alluvial Interface
KA-3	02/28/21	2.00	6,913.29	6,889.32	23.20	ND	NA	10.55	6,901.97	NA	15 - 25	Chinle/Alluvial Interface
KA-3	03/31/21	2.00	6,913.29	6,889.32	23.20	ND	NA	10.68	6,901.84	NA	15 - 25	Chinle/Alluvial Interface
KA-3	04/26/21	2.00	6,913.29	6,889.32	23.20	ND	NA	9.82	6,902.70	NA	15 - 25	Chinle/Alluvial Interface
KA-3	05/20/21	2.00	6,913.29	6,889.32	23.20	ND	NA	11.03	6,901.49	NA	15 - 25	Chinle/Alluvial Interface
KA-3	06/03/21	2.00	6,913.29	6,889.32	23.20	ND	NA	10.40	6,902.12	NA	15 - 25	Chinle/Alluvial Interface
KA-3	07/06/21	2.00	6,913.29	6,889.32	23.20	ND	NA	9.44	6,903.08	NA	15 - 25	Chinle/Alluvial Interface
KA-3	08/25/21	2.00	6,913.29	6,889.32	23.20	ND	NA	9.41	6,903.11	NA	15 - 25	Chinle/Alluvial Interface
KA-3	09/08/21	2.00	6,913.29	6,889.32	23.20	ND	NA	9.31	6,903.21	NA	15 - 25	Chinle/Alluvial Interface
KA-3	10/27/21	2.00	6,913.29	6,889.32	23.20	ND	NA	7.98	6,904.54	NA	15 - 25	Chinle/Alluvial Interface
KA-3	11/17/21	2.00	6,913.29	6,889.32	23.20	ND	NA	8.96	6,903.56	NA	15 - 25	Chinle/Alluvial Interface
KA-3	12/13/21	2.00	6,913.29	6,889.32	23.20	ND	NA	9.56	6,902.96	NA	15 - 25	Chinle/Alluvial Interface
KA-3	01/10/22	2.00	6,913.29	6,889.32	23.20	ND	NA	9.44	6,903.08	NA	15 - 25	Chinle/Alluvial Interface
KA-3	02/28/22	2.00	6,913.29	6,889.32	23.20	ND	NA	9.41	6,903.11	NA	15 - 25	Chinle/Alluvial Interface
KA-3	03/01/22	2.00	6,913.29	6,889.32	23.20	ND	NA	9.53	6,902.99	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)	Ground Level Elevation (ft)	Well Casing Bottom Elevation (ft)	Total Well Depth (ft)	Depth to SPH (ft)	SPH Column Thickness (ft)	Depth to Water (ft)	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	01/28/21	2.00	6,913.62	6,900.33	13.94	7.88	0.01	7.89	6,905.97	6905.98	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	02/27/21	2.00	6,913.62	6,900.33	13.94	7.90	0.05	7.95	6,905.91	6905.95	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	03/31/21	2.00	6,913.62	6,900.33	13.94	ND	NA	8.01	6,905.85	NA	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	04/26/21	2.00	6,913.62	6,900.33	13.94	ND	NA	7.82	6,906.04	NA	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	05/20/21	2.00	6,913.62	6,900.33	13.94	ND	NA	8.52	6,905.34	NA	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	06/03/21	2.00	6,913.62	6,900.33	13.94	ND	NA	7.85	6,906.01	NA	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	07/06/21	2.00	6,913.62	6,900.33	13.94	ND	NA	7.06	6,906.80	NA	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	08/25/21	2.00	6,913.62	6,900.33	13.94	ND	NA	6.97	6,906.89	NA	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	09/08/21	2.00	6,913.62	6,900.33	13.94	7.03	0.01	7.04	6,906.82	6906.83	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	10/27/21	2.00	6,913.62	6,900.33	13.94	6.85	0.01	6.86	6,907.00	6907.01	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	11/17/21	2.00	6,913.62	6,900.33	13.94	7.11	0.03	7.14	6,906.72	6906.74	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	12/03/21	2.00	6,913.62	6,900.33	13.94	7.26	0.02	7.28	6,906.58	6906.60	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	01/10/22	2.00	6,913.62	6,900.33	13.94	7.30	0.03	7.33	6,906.53	6906.55	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	02/28/22	2.00	6,913.62	6,900.33	13.94	7.28	0.04	7.32	6,906.54	6906.57	3.7 - 13.7	Chinle/Alluvial Interface
NAPIS-1	03/01/22	2.00	6,913.62	6,900.33	13.94	7.31	0.02	7.33	6,906.53	6906.55	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)	Ground Level Elevation (ft)	Well Casing Bottom Elevation (ft)	Total Well Depth (ft)	Depth to SPH (ft)	SPH Column Thickness (ft)	Depth to Water (ft)	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	01/28/21	2.00	6,913.40	6,899.04	14.62	ND	NA	9.16	6,903.49	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	02/27/21	2.00	6,913.40	6,899.04	14.65	ND	NA	9.15	6,903.50	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	03/31/21	2.00	6,913.40	6,899.04	14.65	ND	NA	9.32	6,903.33	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	04/26/21	2.00	6,913.40	6,899.04	14.71	ND	NA	9.14	6,903.51	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	05/20/21	2.00	6,913.40	6,899.04	14.74	ND	NA	8.96	6,903.69	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	06/03/21	2.00	6,913.40	6,899.04	14.74	ND	NA	9.10	6,903.55	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	07/06/21	2.00	6,913.40	6,899.04	14.74	ND	NA	7.80	6,904.85	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	08/25/21	2.00	6,913.40	6,899.04	14.74	ND	NA	8.25	6,904.40	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	09/08/21	2.00	6,913.40	6,899.04	14.74	ND	NA	8.28	6,904.37	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	10/27/21	2.00	6,913.40	6,899.04	14.74	ND	NA	7.95	6,904.70	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	11/17/21	2.00	6,913.40	6,899.04	14.74	ND	NA	8.33	6,904.32	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	12/13/21	2.00	6,913.40	6,899.04	14.39	ND	NA	8.44	6,904.21	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	01/10/22	2.00	6,913.40	6,899.04	14.39	ND	NA	8.55	6,904.10	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	02/28/22	2.00	6,913.40	6,899.04	14.39	ND	NA	8.54	6,904.11	NA	4.2 - 14.2	Chinle/Alluvial Interface
NAPIS-2	03/01/22	2.00	6,913.40	6,899.04	14.40	ND	NA	8.40	6,904.25	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)	Ground Level Elevation (ft)	Well Casing Bottom Elevation (ft)	Total Well Depth (ft)	Depth to SPH (ft)	SPH Column Thickness (ft)	Depth to Water (ft)	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	01/28/21	2.00	6,913.38	6,882.34	31.50	ND	NA	9.00	6,903.76	NA	25.4 - 30-4	Chinle/Alluvial Interface
NAPIS-3	02/28/21	2.00	6,913.38	6,882.34	31.50	ND	NA	9.09	6,903.67	NA	25.4 - 30-4	Chinle/Alluvial Interface
NAPIS-3	03/31/21	2.00	6,913.38	6,882.34	31.50	ND	NA	9.27	6,903.49	NA	25.4 - 30-4	Chinle/Alluvial Interface
NAPIS-3	04/26/21	2.00	6,913.38	6,882.34	31.50	ND	NA	8.89	6,903.87	NA	25.4 - 30-4	Chinle/Alluvial Interface
NAPIS-3	05/20/21	2.00	6,913.38	6,882.34	31.50	ND	NA	9.30	6,903.46	NA	25.4 - 30-4	Chinle/Alluvial Interface
NAPIS-3	06/03/21	2.00	6,913.38	6,882.34	31.50	ND	NA	9.31	6,903.45	NA	25.4 - 30-4	Chinle/Alluvial Interface
NAPIS-3	07/06/21	2.00	6,913.38	6,882.34	31.50	ND	NA	7.75	6,905.01	NA	25.4 - 30-4	Chinle/Alluvial Interface
NAPIS-3	08/25/21	2.00	6,913.38	6,882.34	31.50	ND	NA	8.10	6,904.66	NA	25.4 - 30-4	Chinle/Alluvial Interface
NAPIS-3	09/08/21	2.00	6,913.38	6,882.34	31.50	ND	NA	8.15	6,904.61	NA	25.4 - 30-4	Chinle/Alluvial Interface
NAPIS-3	10/27/21	2.00	6,913.38	6,882.34	31.50	ND	NA	7.96	6,904.80	NA	25.4 - 30-4	Chinle/Alluvial Interface
NAPIS-3	11/17/21	2.00	6,913.38	6,882.34	31.50	ND	NA	8.13	6,904.63	NA	25.4 - 30-4	Chinle/Alluvial Interface
NAPIS-3	12/13/21	2.00	6,913.38	6,882.34	31.50	ND	NA	8.23	6,904.53	NA	25.4 - 30-4	Chinle/Alluvial Interface
NAPIS-3	01/10/22	2.00	6,913.38	6,882.34	31.50	ND	NA	8.30	6,904.46	NA	25.4 - 30-4	Chinle/Alluvial Interface
NAPIS-3	02/28/22	2.00	6,913.38	6,882.34	31.50	ND	NA	8.00	6,904.76	NA	25.4 - 30-4	Chinle/Alluvial Interface
NAPIS-3	03/01/22	2.00	6,913.38	6,882.34	31.50	ND	NA	8.18	6,904.58	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)	Ground Level Elevation (ft)	Well Casing Bottom Elevation (ft)	Total Well Depth (ft)	Depth to SPH (ft)	SPH Column Thickness (ft)	Depth to Water (ft)	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	01/28/21	2.00	6,914.37	6,888.37	28.00	ND	NA	12.98	6,903.75	NA	16 - 26	Chinle/Alluvial Interface
OAPIS-1	02/27/21	2.00	6,914.37	6,888.37	28.00	ND	NA	12.96	6,903.77	NA	16 - 26	Chinle/Alluvial Interface
OAPIS-1	03/31/21	2.00	6,914.37	6,888.37	28.00	ND	NA	13.48	6,903.25	NA	16 - 26	Chinle/Alluvial Interface
OAPIS-1	04/26/21	2.00	6,914.37	6,888.37	28.00	ND	NA	13.24	6,903.49	NA	16 - 26	Chinle/Alluvial Interface
OAPIS-1	05/20/21	2.00	6,914.37	6,888.37	28.00	ND	NA	13.88	6,902.85	NA	16 - 26	Chinle/Alluvial Interface
OAPIS-1	06/03/21	2.00	6,914.37	6,888.37	28.00	ND	NA	13.08	6,903.65	NA	16 - 26	Chinle/Alluvial Interface
OAPIS-1	07/06/21	2.00	6,914.37	6,888.37	28.00	ND	NA	12.45	6,904.28	NA	16 - 26	Chinle/Alluvial Interface
OAPIS-1	08/25/21	2.00	6,914.37	6,888.37	28.00	ND	NA	11.50	6,905.23	NA	16 - 26	Chinle/Alluvial Interface
OAPIS-1	09/08/21	2.00	6,914.37	6,888.37	28.00	ND	NA	11.70	6,905.03	NA	16 - 26	Chinle/Alluvial Interface
OAPIS-1	10/27/21	2.00	6,914.37	6,888.37	28.00	ND	NA	11.93	6,904.80	NA	16 - 26	Chinle/Alluvial Interface
OAPIS-1	11/17/21	2.00	6,914.37	6,888.37	28.00	ND	NA	12.14	6,904.59	NA	16 - 26	Chinle/Alluvial Interface
OAPIS-1	12/13/21	2.00	6,914.37	6,888.37	28.00	ND	NA	12.21	6,904.52	NA	16 - 26	Chinle/Alluvial Interface
OAPIS-1	01/10/22	2.00	6,914.37	6,888.37	28.00	ND	NA	12.20	6,904.53	NA	16 - 26	Chinle/Alluvial Interface
OAPIS-1	02/28/22	2.00	6,914.37	6,888.37	28.00	ND	NA	12.16	6,904.57	NA	16 - 26	Chinle/Alluvial Interface
OAPIS-1	03/01/22	2.00	6,914.37	6,888.37	28.00	ND	NA	12.19	6,904.54	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)	Ground Level Elevation (ft)	Well Casing Bottom Elevation (ft)	Total Well Depth (ft)	Depth to SPH (ft)	SPH Column Thickness (ft)	Depth to Water (ft)	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
OW-10	01/28/21	4.00	6,873.67	6,814.58	66.30	ND	NA	7.84	6,867.07	NA	40 - 60	Sonsela Sandstone
OW-10	02/28/21	4.00	6,873.67	6,814.58	66.30	ND	NA	7.85	6,867.06	NA	40 - 60	Sonsela Sandstone
OW-10	03/31/21	4.00	6,873.67	6,814.58	66.30	ND	NA	7.68	6,867.23	NA	40 - 60	Sonsela Sandstone
OW-10	04/26/21	4.00	6,873.67	6,814.58	66.30	ND	NA	7.67	6,867.24	NA	40 - 60	Sonsela Sandstone
OW-10	05/20/21	4.00	6,873.67	6,814.58	66.30	ND	NA	7.59	6,867.32	NA	40 - 60	Sonsela Sandstone
OW-10	06/03/21	4.00	6,873.67	6,814.58	66.30	ND	NA	7.89	6,867.02	NA	40 - 60	Sonsela Sandstone
OW-10	07/06/21	4.00	6,873.67	6,814.58	66.30	ND	NA	7.94	6,866.97	NA	40 - 60	Sonsela Sandstone
OW-10	08/25/21	4.00	6,873.67	6,814.58	66.30	ND	NA	8.18	6,866.73	NA	40 - 60	Sonsela Sandstone
OW-10	09/09/21	4.00	6,873.67	6,814.58	66.30	ND	NA	8.65	6,866.26	NA	40 - 60	Sonsela Sandstone
OW-10	12/03/21	4.00	6,873.67	6,814.58	66.30	ND	NA	7.95	6,866.96	NA	40 - 60	Sonsela Sandstone
OW-10	03/01/22	4.00	6,873.67	6,814.58	66.30	ND	NA	7.41	6,867.50	NA	40 - 60	Sonsela Sandstone

**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)	Ground Level Elevation (ft)	Well Casing Bottom Elevation (ft)	Total Well Depth (ft)	Depth to SPH (ft)	SPH Column Thickness (ft)	Depth to Water (ft)	Ground water Elevation (ft)	Corrected Water Table ¹ Elevation (ft)	Screened Interval Depth Top to Bottom (ft)	Stratigraphic unit in which screen exists
OW-57	01/28/21	2.00	6,930.64	6,959.03	28.39	ND	NA	20.73	6,912.37	NA	15 - 25	Chinle/Alluvial Interface
OW-57	02/27/21	2.00	6,930.64	6,959.03	28.09	ND	NA	20.73	6,912.37	NA	15 - 25	Chinle/Alluvial Interface
OW-57	03/31/21	2.00	6,930.64	6,959.03	28.09	ND	NA	20.98	6,912.12	NA	15 - 25	Chinle/Alluvial Interface
OW-57	04/26/21	2.00	6,934.71	6,982.66	27.49	ND	NA	21.07	6,913.43	NA	15 - 25	Chinle/Alluvial Interface
OW-57	05/20/21	2.00	6,934.71	6,982.66	27.19	ND	NA	19.88	6,914.62	NA	15 - 25	Chinle/Alluvial Interface
OW-57	06/02/21	2.00	6,934.71	6,982.66	27.19	ND	NA	21.03	6,913.47	NA	15 - 25	Chinle/Alluvial Interface
OW-57	07/06/21	2.00	6,934.71	6,982.66	27.19	ND	NA	19.83	6,914.67	NA	15 - 25	Chinle/Alluvial Interface
OW-57	08/25/21	2.00	6,934.71	6,982.66	27.19	ND	NA	21.52	6,912.98	NA	15 - 25	Chinle/Alluvial Interface
OW-57	09/09/21	2.00	6,934.71	6,982.66	27.40	ND	NA	21.70	6,912.80	NA	15 - 25	Chinle/Alluvial Interface
OW-57	10/27/21	2.00	6,934.71	6,982.66	27.40	ND	NA	21.70	6,912.80	NA	15 - 25	Chinle/Alluvial Interface
OW-57	11/17/21	2.00	6,934.71	6,982.66	27.40	ND	NA	21.21	6,913.29	NA	15 - 25	Chinle/Alluvial Interface
OW-57	12/13/21	2.00	6,934.71	6,982.66	28.08	ND	NA	21.75	6,912.75	NA	15 - 25	Chinle/Alluvial Interface
OW-57	01/10/22	2.00	6,934.71	6,982.66	28.08	ND	NA	21.63	6,912.87	NA	15 - 25	Chinle/Alluvial Interface
OW-57	02/28/22	2.00	6,934.71	6,982.66	28.08	ND	NA	21.61	6,912.89	NA	15 - 25	Chinle/Alluvial Interface
OW-57	03/01/22	2.00	6,934.71	6,982.66	28.08	ND	NA	21.80	6,912.70	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)	Ground Level Elevation (ft)	Well Casing Bottom Elevation (ft)	Total Well Depth (ft)	Depth to SPH (ft)	SPH Column Thickness (ft)	Depth to Water (ft)	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	01/28/21	2.00	6,934.71	6,982.66	47.95	ND	NA	24.29	6,910.21	NA	38 - 48	Chinle/Alluvial Interface
OW-58	02/28/21	2.00	6,934.71	6,982.66	47.95	ND	NA	23.80	6,910.70	NA	38 - 48	Chinle/Alluvial Interface
OW-58	03/31/21	2.00	6,934.71	6,982.66	47.95	ND	NA	24.40	6,910.10	NA	38 - 48	Chinle/Alluvial Interface
OW-58	04/26/21	2.00	6,934.71	6,982.66	47.95	ND	NA	24.83	6,909.67	NA	38 - 48	Chinle/Alluvial Interface
OW-58	05/20/21	2.00	6,934.71	6,982.66	47.95	ND	NA	23.33	6,911.17	NA	38 - 48	Chinle/Alluvial Interface
OW-58	06/02/21	2.00	6,934.71	6,982.66	47.95	ND	NA	24.63	6,909.87	NA	38 - 48	Chinle/Alluvial Interface
OW-58	07/06/21	2.00	6,934.71	6,982.66	47.95	ND	NA	24.77	6,909.73	NA	38 - 48	Chinle/Alluvial Interface
OW-58	08/25/21	2.00	6,934.71	6,982.66	47.95	ND	NA	25.10	6,909.40	NA	38 - 48	Chinle/Alluvial Interface
OW-58	09/09/21	2.00	6,934.71	6,982.66	47.95	ND	NA	25.20	6,909.30	NA	38 - 48	Chinle/Alluvial Interface
OW-58	10/27/21	2.00	6,934.71	6,982.66	47.95	ND	NA	25.30	6,909.20	NA	38 - 48	Chinle/Alluvial Interface
OW-58	11/17/21	2.00	6,934.71	6,982.66	47.95	ND	NA	25.20	6,909.30	NA	38 - 48	Chinle/Alluvial Interface
OW-58	12/13/21	2.00	6,934.71	6,982.66	47.95	ND	NA	25.21	6,909.29	NA	38 - 48	Chinle/Alluvial Interface
OW-58	01/10/22	2.00	6,934.71	6,982.66	47.95	ND	NA	24.97	6,909.53	NA	38 - 48	Chinle/Alluvial Interface
OW-58	02/28/22	2.00	6,934.71	6,982.66	47.95	ND	NA	25.00	6,909.50	NA	38 - 48	Chinle/Alluvial Interface
OW-58	03/01/22	2.00	6,934.71	6,982.66	47.95	ND	NA	25.30	6,909.20	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)	Ground Level Elevation (ft)	Well Casing Bottom Elevation (ft)	Total Well Depth (ft)	Depth to SPH (ft)	SPH Column Thickness (ft)	Depth to Water (ft)	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	01/28/21	4.00	6,933.39	6,969.77	36.38	ND	NA	26.66	6,909.63	NA	25 - 33	Chinle/Alluvial Interface
OW-58A	02/28/21	4.00	6,933.39	6,969.77	36.50	ND	NA	26.51	6,909.78	NA	25 - 33	Chinle/Alluvial Interface
OW-58A	03/31/21	4.00	6,933.39	6,969.77	36.50	ND	NA	26.75	6,909.54	NA	25 - 33	Chinle/Alluvial Interface
OW-58A	04/26/21	4.00	6,933.39	6,969.77	36.74	ND	NA	27.01	6,909.28	NA	25 - 33	Chinle/Alluvial Interface
OW-58A	05/20/21	4.00	6,933.39	6,969.77	36.86	ND	NA	26.31	6,909.98	NA	25 - 33	Chinle/Alluvial Interface
OW-58A	06/02/21	4.00	6,933.39	6,969.77	36.86	ND	NA	26.63	6,909.66	NA	25 - 33	Chinle/Alluvial Interface
OW-58A	07/06/21	4.00	6,933.39	6,969.77	36.86	ND	NA	26.92	6,909.37	NA	25 - 33	Chinle/Alluvial Interface
OW-58A	08/25/21	4.00	6,933.39	6,969.77	36.86	ND	NA	27.43	6,908.86	NA	25 - 33	Chinle/Alluvial Interface
OW-58A	09/09/21	4.00	6,933.39	6,969.77	36.40	ND	NA	27.60	6,908.69	NA	25 - 33	Chinle/Alluvial Interface
OW-58A	10/27/21	4.00	6,933.39	6,969.77	36.40	ND	NA	27.70	6,908.59	NA	25 - 33	Chinle/Alluvial Interface
OW-58A	11/17/21	4.00	6,933.39	6,969.77	36.40	ND	NA	27.62	6,908.67	NA	25 - 33	Chinle/Alluvial Interface
OW-58A	12/13/21	4.00	6,933.39	6,969.77	36.40	ND	NA	27.55	6,908.74	NA	25 - 33	Chinle/Alluvial Interface
OW-58A	01/10/22	4.00	6,933.39	6,969.77	36.40	ND	NA	27.33	6,908.96	NA	25 - 33	Chinle/Alluvial Interface
OW-58A	02/28/22	4.00	6,933.39	6,969.77	36.40	ND	NA	27.30	6,908.99	NA	25 - 33	Chinle/Alluvial Interface
OW-58A	03/01/22	4.00	6,933.39	6,969.77	36.35	ND	NA	27.50	6,908.79	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)	Ground Level Elevation (ft)	Well Casing Bottom Elevation (ft)	Total Well Depth (ft)	Depth to SPH (ft)	SPH Column Thickness (ft)	Depth to Water (ft)	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	01/28/21	4.00	6,959.29	6,990.10	30.81	19.13	0.65	19.78	6,942.10	6942.62	8 - 28	Chinle/Alluvial Interface
OW-61	02/27/21	4.00	6,959.29	6,991.12	31.83	18.89	1.21	20.10	6,941.78	6942.75	8 - 28	Chinle/Alluvial Interface
OW-61	03/31/21	4.00	6,959.29	6,991.12	31.83	18.82	2.46	21.28	6,940.60	6942.57	8 - 28	Chinle/Alluvial Interface
OW-61	04/26/21	4.00	6,959.29	6,993.16	33.87	18.93	2.50	21.43	6,940.45	6942.45	8 - 28	Chinle/Alluvial Interface
OW-61	05/20/21	4.00	6,959.29	6,994.18	34.89	19.11	2.84	21.95	6,939.93	6942.20	8 - 28	Chinle/Alluvial Interface
OW-61	06/02/21	4.00	6,959.29	6,994.18	34.89	18.62	2.27	20.89	6,940.99	6942.81	8 - 28	Chinle/Alluvial Interface
OW-61	07/06/21	4.00	6,959.29	6,994.18	34.89	19.68	3.24	22.92	6,938.96	6941.55	8 - 28	Chinle/Alluvial Interface
OW-61	08/04/21	4.00	6,959.29	6,994.18	34.89	19.89	3.40	23.29	6,938.59	6941.31	8 - 28	Chinle/Alluvial Interface
OW-61	09/07/21	4.00	6,959.29	6,994.16	34.87	20.36	3.42	23.78	6,938.10	6940.84	8 - 28	Chinle/Alluvial Interface
OW-61	10/27/21	4.00	6,959.29	6,994.16	34.87	21.55	0.55	22.10	6,939.78	6940.22	8 - 28	Chinle/Alluvial Interface
OW-61	11/15/21	4.00	6,959.29	6,994.16	34.87	21.75	0.64	22.39	6,939.49	6940.00	8 - 28	Chinle/Alluvial Interface
OW-61	12/03/21	4.00	6,959.29	6,994.16	34.87	21.69	0.69	22.38	6,939.50	6940.05	8 - 28	Chinle/Alluvial Interface
OW-61	01/10/22	4.00	6,959.29	6,994.16	34.87	22.98	0.22	23.20	6,938.68	6938.86	8 - 28	Chinle/Alluvial Interface
OW-61	02/28/22	4.00	6,959.29	6,994.16	34.87	23.02	0.18	23.20	6,938.68	6938.82	8 - 28	Chinle/Alluvial Interface
OW-61	03/02/22	4.00	6,959.29	6,994.16	34.87	21.70	0.70	22.40	6,939.48	6940.04	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)	Ground Level Elevation (ft)	Well Casing Bottom Elevation (ft)	Total Well Depth (ft)	Depth to SPH (ft)	SPH Column Thickness (ft)	Depth to Water (ft)	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	01/28/21	4.00	6,933.21	6,964.48	31.27	23.75	0.30	24.05	6,912.04	6912.28	8 - 28	Chinle/Alluvial Interface
OW-62	02/27/21	4.00	6,933.21	6,964.88	31.67	23.82	0.33	24.15	6,911.94	6912.20	8 - 28	Chinle/Alluvial Interface
OW-62	03/31/21	4.00	6,933.21	6,964.88	31.67	23.85	0.31	24.16	6,911.93	6912.18	8 - 28	Chinle/Alluvial Interface
OW-62	04/26/21	4.00	6,933.21	6,965.68	32.47	23.93	0.17	24.10	6,911.99	6912.13	8 - 28	Chinle/Alluvial Interface
OW-62	05/20/21	4.00	6,933.21	6,966.08	32.87	23.80	0.64	24.44	6,911.65	6912.16	8 - 28	Chinle/Alluvial Interface
OW-62	06/02/21	4.00	6,933.21	6,966.08	32.87	22.97	0.25	23.22	6,912.87	6913.07	8 - 28	Chinle/Alluvial Interface
OW-62	07/06/21	4.00	6,933.21	6,966.08	32.87	22.19	0.23	22.42	6,913.67	6913.85	8 - 28	Chinle/Alluvial Interface
OW-62	08/25/21	4.00	6,933.21	6,966.08	32.87	23.98	0.25	24.23	6,911.86	6912.06	8 - 28	Chinle/Alluvial Interface
OW-62	09/09/21	4.00	6,933.21	6,966.01	32.80	23.45	0.21	23.66	6,912.43	6912.60	8 - 28	Chinle/Alluvial Interface
OW-62	10/27/21	4.00	6,933.21	6,966.01	32.80	23.83	0.19	24.02	6,912.07	6912.22	8 - 28	Chinle/Alluvial Interface
OW-62	11/17/21	4.00	6,933.21	6,966.01	32.80	23.79	0.29	24.08	6,912.01	6912.24	8 - 28	Chinle/Alluvial Interface
OW-62	12/09/21	4.00	6,933.21	6,966.01	32.80	23.80	0.34	24.14	6,911.95	6912.22	8 - 28	Chinle/Alluvial Interface
OW-62	01/10/22	4.00	6,933.21	6,966.01	32.80	22.98	0.57	23.55	6,912.54	6913.00	8 - 28	Chinle/Alluvial Interface
OW-62	02/28/22	4.00	6,933.21	6,966.01	32.80	23.02	0.43	23.45	6,912.64	6912.98	8 - 28	Chinle/Alluvial Interface
OW-62	03/02/22	4.00	6,933.21	6,966.01	32.80	23.77	0.38	24.15	6,911.94	6912.24	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)	Ground Level Elevation (ft)	Well Casing Bottom Elevation (ft)	Total Well Depth (ft)	Depth to SPH (ft)	SPH Column Thickness (ft)	Depth to Water (ft)	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	01/28/21	4.00	6,930.87	6,963.09	32.22	ND	NA	21.15	6,912.72	NA	9 - 29	Chinle/Alluvial Interface
OW-63	02/27/21	4.00	6,930.87	6,963.09	32.22	ND	NA	21.13	6,912.74	NA	9 - 29	Chinle/Alluvial Interface
OW-63	03/31/21	4.00	6,930.87	6,963.09	32.22	ND	NA	21.28	6,912.59	NA	9 - 29	Chinle/Alluvial Interface
OW-63	04/26/21	4.00	6,930.87	6,963.09	32.22	ND	NA	21.40	6,912.47	NA	9 - 29	Chinle/Alluvial Interface
OW-63	05/20/21	4.00	6,930.87	6,963.09	32.22	ND	NA	21.52	6,912.35	NA	9 - 29	Chinle/Alluvial Interface
OW-63	06/02/21	4.00	6,930.87	6,963.09	32.22	ND	NA	21.37	6,912.50	NA	9 - 29	Chinle/Alluvial Interface
OW-63	07/06/21	4.00	6,930.87	6,963.09	32.22	ND	NA	23.20	6,910.67	NA	9 - 29	Chinle/Alluvial Interface
OW-63	08/25/21	4.00	6,930.87	6,963.09	32.22	ND	NA	21.74	6,912.13	NA	9 - 29	Chinle/Alluvial Interface
OW-63	09/28/21	4.00	6,930.87	6,963.09	32.22	ND	NA	21.85	6,912.02	NA	9 - 29	Chinle/Alluvial Interface
OW-63	10/27/21	4.00	6,930.87	6,963.09	32.22	ND	NA	21.90	6,911.97	NA	9 - 29	Chinle/Alluvial Interface
OW-63	11/17/21	4.00	6,930.87	6,963.09	32.22	ND	NA	21.87	6,912.00	NA	9 - 29	Chinle/Alluvial Interface
OW-63	12/16/21	4.00	6,930.87	6,963.09	32.22	ND	NA	21.93	6,911.94	NA	9 - 29	Chinle/Alluvial Interface
OW-63	01/10/22	4.00	6,930.87	6,963.09	32.22	ND	NA	21.89	6,911.98	NA	9 - 29	Chinle/Alluvial Interface
OW-63	02/28/22	4.00	6,930.87	6,963.09	32.22	ND	NA	21.93	6,911.94	NA	9 - 29	Chinle/Alluvial Interface
OW-63	03/01/22	4.00	6,930.87	6,963.09	32.22	ND	NA	21.95	6,911.92	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)	Ground Level Elevation (ft)	Well Casing Bottom Elevation (ft)	Total Well Depth (ft)	Depth to SPH (ft)	SPH Column Thickness (ft)	Depth to Water (ft)	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	01/28/21	4.00	6,943.32	6,970.67	27.35	ND	NA	8.54	6,937.55	NA	4 - 24	Chinle/Alluvial Interface
OW-64	02/27/21	4.00	6,943.32	6,970.67	27.35	ND	NA	8.29	6,937.80	NA	4 - 24	Chinle/Alluvial Interface
OW-64	03/31/21	4.00	6,943.32	6,970.67	27.35	ND	NA	8.37	6,937.72	NA	4 - 24	Chinle/Alluvial Interface
OW-64	04/26/21	4.00	6,943.32	6,970.67	27.35	ND	NA	8.28	6,937.81	NA	4 - 24	Chinle/Alluvial Interface
OW-64	05/20/21	4.00	6,943.32	6,970.67	27.35	ND	NA	8.08	6,938.01	NA	4 - 24	Chinle/Alluvial Interface
OW-64	06/02/21	4.00	6,943.32	6,970.67	27.35	ND	NA	8.13	6,937.96	NA	4 - 24	Chinle/Alluvial Interface
OW-64	07/06/21	4.00	6,943.32	6,970.67	27.35	ND	NA	7.40	6,938.69	NA	4 - 24	Chinle/Alluvial Interface
OW-64	08/25/21	4.00	6,943.32	6,970.67	27.35	ND	NA	7.75	6,938.34	NA	4 - 24	Chinle/Alluvial Interface
OW-64	09/09/21	4.00	6,943.32	6,970.67	27.35	ND	NA	7.94	6,938.15	NA	4 - 24	Chinle/Alluvial Interface
OW-64	10/27/21	4.00	6,943.32	6,970.67	27.35	ND	NA	7.90	6,938.19	NA	4 - 24	Chinle/Alluvial Interface
OW-64	11/17/21	4.00	6,943.32	6,970.67	27.35	ND	NA	7.91	6,938.18	NA	4 - 24	Chinle/Alluvial Interface
OW-64	12/28/21	4.00	6,943.32	6,970.67	27.35	ND	NA	7.75	6,938.34	NA	4 - 24	Chinle/Alluvial Interface
OW-64	01/10/22	4.00	6,943.32	6,970.67	27.35	ND	NA	7.80	6,938.29	NA	4 - 24	Chinle/Alluvial Interface
OW-64	02/28/22	4.00	6,943.32	6,970.67	27.35	ND	NA	8.02	6,938.07	NA	4 - 24	Chinle/Alluvial Interface
OW-64	03/02/22	4.00	6,943.32	6,970.67	27.35	ND	NA	7.73	6,938.36	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)	Ground Level Elevation (ft)	Well Casing Bottom Elevation (ft)	Total Well Depth (ft)	Depth to SPH (ft)	SPH Column Thickness (ft)	Depth to Water (ft)	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	01/28/21	4.00	6,949.95	6,992.45	42.50	26.63	5.12	31.75	6,921.08	6925.18	17 - 37	Chinle/Alluvial Interface
OW-65	02/27/21	4.00	6,949.95	6,992.45	41.75	26.41	7.30	33.71	6,919.12	6924.96	17 - 37	Chinle/Alluvial Interface
OW-65	03/31/21	4.00	6,949.95	6,992.45	41.75	27.40	6.48	33.88	6,918.95	6924.13	17 - 37	Chinle/Alluvial Interface
OW-65	04/26/21	4.00	6,949.95	6,992.45	40.25	28.01	5.94	33.95	6,918.88	6923.63	17 - 37	Chinle/Alluvial Interface
OW-65	05/20/21	4.00	6,949.95	6,992.45	39.50	28.16	7.01	35.17	6,917.66	6923.27	17 - 37	Chinle/Alluvial Interface
OW-65	06/02/21	4.00	6,949.95	6,992.45	39.50	26.91	5.75	32.66	6,920.17	6924.77	17 - 37	Chinle/Alluvial Interface
OW-65	07/12/21	4.00	6,949.95	6,992.45	39.50	28.27	6.51	34.78	6,918.05	6923.26	17 - 37	Chinle/Alluvial Interface
OW-65	08/03/21	4.00	6,949.95	6,992.45	39.50	28.28	4.01	32.29	6,920.54	6923.75	17 - 37	Chinle/Alluvial Interface
OW-65	09/07/21	4.00	6,949.95	6,992.45	39.50	28.37	6.13	34.50	6,918.33	6923.23	17 - 37	Chinle/Alluvial Interface
OW-65	10/27/22	4.00	6,949.95	6,992.45	39.50	28.37	6.13	34.50	6,918.33	6923.23	17 - 37	Chinle/Alluvial Interface
OW-65	11/15/21	4.00	6,949.95	6,992.45	39.50	28.18	6.95	35.13	6,917.70	6923.26	17 - 37	Chinle/Alluvial Interface
OW-65	12/03/21	4.00	6,949.95	6,992.45	39.50	28.10	6.98	35.08	6,917.75	6923.33	17 - 37	Chinle/Alluvial Interface
OW-65	01/10/22	4.00	6,949.95	6,992.45	39.50	28.12	6.99	35.11	6,917.72	6923.31	17 - 37	Chinle/Alluvial Interface
OW-65	02/28/22	4.00	6,949.95	6,992.45	39.50	28.11	6.98	35.09	6,917.74	6923.32	17 - 37	Chinle/Alluvial Interface
OW-65	03/02/22	4.00	6,949.95	6,992.45	39.50	28.08	6.93	35.01	6,917.82	6923.36	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)	Ground Level Elevation (ft)	Well Casing Bottom Elevation (ft)	Total Well Depth (ft)	Depth to SPH (ft)	SPH Column Thickness (ft)	Depth to Water (ft)	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	01/28/21	4.00	6,942.86	6,903.02	43.45	29.98	0.35	30.33	6,915.73	6,916.01	25 - 40	Chinle/Alluvial Interface
RW-1	02/27/21	4.00	6,942.86	6,903.02	43.45	29.75	1.30	31.05	6,915.01	6,916.05	25 - 40	Chinle/Alluvial Interface
RW-1	03/31/21	4.00	6,942.86	6,903.02	43.45	29.90	2.11	32.01	6,914.05	6,915.74	25 - 40	Chinle/Alluvial Interface
RW-1	04/26/21	4.00	6,942.86	6,903.02	43.45	29.81	2.08	31.89	6,914.17	6,915.83	25 - 40	Chinle/Alluvial Interface
RW-1	05/20/21	4.00	6,942.86	6,903.02	43.45	30.05	3.18	33.23	6,912.83	6,915.37	25 - 40	Chinle/Alluvial Interface
RW-1	06/01/21	4.00	6,942.86	6,903.02	43.45	30.33	3.09	33.42	6,912.64	6,915.11	25 - 40	Chinle/Alluvial Interface
RW-1	07/12/21	4.00	6,942.86	6,903.02	43.45	29.57	2.30	31.87	6,914.19	6,916.03	25 - 40	Chinle/Alluvial Interface
RW-1	08/25/21	4.00	6,942.86	6,903.02	43.45	30.75	1.50	32.25	6,913.81	6,915.01	25 - 40	Chinle/Alluvial Interface
RW-1	09/09/21	4.00	6,942.86	6,903.02	43.45	29.53	1.49	31.02	6,915.04	6,916.23	25 - 40	Chinle/Alluvial Interface
RW-1	09/09/21	4.00	6,942.86	6,903.02	43.45	31.09	1.18	32.27	6,913.79	6,914.73	25 - 40	Chinle/Alluvial Interface
RW-1	11/15/21	4.00	6,942.86	6,903.02	43.45	29.90	1.15	31.05	6,915.01	6,915.93	25 - 40	Chinle/Alluvial Interface
RW-1	12/03/21	4.00	6,942.86	6,903.02	43.45	29.91	2.07	31.98	6,914.08	6,915.74	25 - 40	Chinle/Alluvial Interface
RW-1	01/10/22	4.00	6,942.86	6,903.02	43.45	30.12	8.00	38.12	6,907.94	6,914.34	25 - 40	Chinle/Alluvial Interface
RW-1	02/28/22	4.00	6,942.86	6,903.02	43.45	30.20	7.98	38.18	6,907.88	6,914.26	25 - 40	Chinle/Alluvial Interface
RW-1	03/02/22	4.00	6,942.86	6,903.02	43.45	30.01	2.02	32.03	6,914.03	6,915.65	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)	Ground Level Elevation (ft)	Well Casing Bottom Elevation (ft)	Total Well Depth (ft)	Depth to SPH (ft)	SPH Column Thickness (ft)	Depth to Water (ft)	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	01/28/21	4.00	6,926.40	6,888.73	40.00	ND	NA	22.40	6,906.13	NA	26.1 - 36.1	Chinle/Alluvial Interface
RW-2	02/27/21	4.00	6,926.40	6,888.73	40.00	22.40	0.05	22.45	6,906.08	6,906.12	26.1 - 36.1	Chinle/Alluvial Interface
RW-2	03/31/21	4.00	6,926.40	6,888.73	40.00	22.70	0.15	22.85	6,905.68	6,905.80	26.1 - 36.1	Chinle/Alluvial Interface
RW-2	04/26/21	4.00	6,926.40	6,888.73	40.00	23.05	0.14	23.19	6,905.34	6,905.45	26.1 - 36.1	Chinle/Alluvial Interface
RW-2	05/20/21	4.00	6,926.40	6,888.73	40.00	23.77	0.09	23.86	6,904.67	6,904.74	26.1 - 36.1	Chinle/Alluvial Interface
RW-2	06/01/21	4.00	6,926.40	6,888.73	40.00	23.80	0.06	23.86	6,904.67	6,904.72	26.1 - 36.1	Chinle/Alluvial Interface
RW-2	07/06/21	4.00	6,926.40	6,888.73	40.00	ND	NA	23.67	6,904.86	NA	26.1 - 36.1	Chinle/Alluvial Interface
RW-2	08/09/21	4.00	6,926.40	6,888.73	40.00	ND	NA	24.50	6,904.03	NA	26.1 - 36.1	Chinle/Alluvial Interface
RW-2R	08/31/21	4.00	6,931.04	6,888.73	31.50	22.21	2.67	24.88	6,909.33	6,911.47	11.5 - 31.5	Chinle/Alluvial Interface
RW-2R	09/09/21	4.00	6,931.04	6,888.73	31.50	22.26	2.66	24.92	6,909.29	6,911.42	11.5 - 31.5	Chinle/Alluvial Interface
RW-2R	10/27/21	4.00	6,931.04	6,888.73	31.50	22.50	2.65	25.15	6,909.06	6,911.18	11.5 - 31.5	Chinle/Alluvial Interface
RW-2R	11/15/21	4.00	6,931.04	6,888.73	31.50	22.47	2.49	24.96	6,909.25	6,911.24	11.5 - 31.5	Chinle/Alluvial Interface
RW-2R	12/03/21	4.00	6,931.04	6,888.73	31.50	22.50	2.39	24.89	6,909.32	6,911.23	11.5 - 31.5	Chinle/Alluvial Interface
RW-2R	01/10/22	4.00	6,931.04	6,888.73	31.50	22.20	2.40	24.60	6,909.61	6,911.53	11.5 - 31.5	Chinle/Alluvial Interface
RW-2R	02/28/22	4.00	6,931.04	6,888.73	31.50	22.26	2.36	24.62	6,909.59	6,911.48	11.5 - 31.5	Chinle/Alluvial Interface
RW-2R	03/02/22	4.00	6,931.04	6,888.73	31.50	22.44	2.40	24.84	6,909.37	6,911.29	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)	Ground Level Elevation (ft)	Well Casing Bottom Elevation (ft)	Total Well Depth (ft)	Depth to SPH (ft)	SPH Column Thickness (ft)	Depth to Water (ft)	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	01/28/21	4.00	6,941.53	6,903.98	39.51	32.42	1.56	33.98	6,909.59	6,910.84	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	02/27/21	4.00	6,941.53	6,903.98	39.51	31.02	0.63	31.65	6,911.92	6,912.42	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	03/31/21	4.00	6,941.53	6,903.98	39.51	30.10	1.49	31.59	6,911.98	6,913.17	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	04/26/21	4.00	6,941.53	6,903.98	39.51	30.43	1.33	31.76	6,911.81	6,912.87	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	05/20/21	4.00	6,941.53	6,903.98	39.51	30.76	0.14	30.90	6,912.67	6,912.78	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	06/01/21	4.00	6,941.53	6,903.98	39.51	31.20	0.66	31.86	6,911.71	6,912.24	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	07/12/21	4.00	6,941.53	6,903.98	39.51	30.29	2.62	32.91	6,910.66	6,912.76	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	08/25/21	4.00	6,941.53	6,903.98	39.51	31.22	2.88	34.10	6,909.47	6,911.77	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	09/09/21	4.00	6,941.53	6,903.98	39.51	30.34	3.10	33.44	6,910.13	6,912.61	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	10/27/21	4.00	6,941.53	6,903.98	39.51	31.40	2.75	34.15	6,909.42	6,911.62	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	11/15/21	4.00	6,941.53	6,903.98	39.51	30.35	2.40	32.75	6,910.82	6,912.74	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	12/03/21	4.00	6,941.53	6,903.98	39.51	30.31	2.37	32.68	6,910.89	6,912.79	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	01/10/22	4.00	6,941.53	6,903.98	39.51	30.15	2.36	32.51	6,911.06	6,912.95	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	02/28/22	4.00	6,941.53	6,903.98	39.51	30.10	2.38	32.48	6,911.09	6,912.99	29.5 - 39.5	Chinle/Alluvial Interface
RW-5	03/02/22	4.00	6,941.53	6,903.98	39.51	30.30	2.35	32.65	6,910.92	6,912.80	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)	Ground Level Elevation (ft)	Well Casing Bottom Elevation (ft)	Total Well Depth (ft)	Depth to SPH (ft)	SPH Column Thickness (ft)	Depth to Water (ft)	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	01/28/21	4.00	6,941.96	6,903.11	40.85	30.22	2.90	33.12	6,910.89	6,913.21	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	02/27/21	4.00	6,941.96	6,903.11	40.85	30.45	3.23	33.68	6,910.33	6,912.91	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	03/31/21	4.00	6,941.96	6,903.11	40.85	31.60	0.10	31.70	6,912.31	6,912.39	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	04/26/21	4.00	6,941.96	6,903.11	40.85	31.58	0.03	31.61	6,912.40	6,912.42	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	05/20/21	4.00	6,941.96	6,903.11	40.85	31.61	0.03	31.64	6,912.37	6,912.39	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	06/01/21	4.00	6,941.96	6,903.11	40.85	32.11	0.13	32.24	6,911.77	6,911.87	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	07/12/21	4.00	6,941.96	6,903.11	40.85	30.20	3.29	33.49	6,910.52	6,913.15	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	08/03/21	4.00	6,941.96	6,903.11	40.85	30.19	3.20	33.39	6,910.62	6,913.18	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	09/09/21	4.00	6,941.96	6,903.11	40.85	30.34	3.10	33.44	6,910.57	6,913.05	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	10/27/21	4.00	6,941.96	6,903.11	40.85	30.34	3.10	33.44	6,910.57	6,913.05	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	11/15/21	4.00	6,941.96	6,903.11	40.85	31.60	2.85	34.45	6,909.56	6,911.84	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	12/03/21	4.00	6,941.96	6,903.11	40.85	30.40	2.75	33.15	6,910.86	6,913.06	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	01/10/22	4.00	6,941.96	6,903.11	40.85	30.22	2.88	33.10	6,910.91	6,913.21	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	02/28/22	4.00	6,941.96	6,903.11	40.85	30.28	2.72	33.00	6,911.01	6,913.19	28.5 - 38.5	Chinle/Alluvial Interface
RW-6	03/02/22	4.00	6,941.96	6,903.11	40.85	30.38	2.73	33.11	6,910.90	6,913.08	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)	Ground Level Elevation (ft)	Well Casing Bottom Elevation (ft)	Total Well Depth (ft)	Depth to SPH (ft)	SPH Column Thickness (ft)	Depth to Water (ft)	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	01/28/21	2.00	6,904.50	6,854.47	50.56	ND	NA	20.76	6,883.71	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	02/28/21	2.00	6,904.50	6,854.47	49.85	ND	NA	20.60	6,883.87	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	03/31/21	2.00	6,904.50	6,854.47	49.85	ND	NA	21.95	6,882.52	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	04/26/21	2.00	6,904.50	6,854.47	48.43	ND	NA	20.81	6,883.66	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	05/20/21	2.00	6,904.50	6,854.47	47.72	ND	NA	22.19	6,882.28	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	06/03/21	2.00	6,904.50	6,854.47	47.72	ND	NA	22.16	6,882.31	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	07/12/21	2.00	6,904.50	6,854.47	47.72	ND	NA	22.32	6,882.15	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	08/31/21	2.00	6,904.50	6,854.47	47.72	ND	NA	21.75	6,882.72	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	09/08/21	2.00	6,904.50	6,854.47	47.72	ND	NA	21.75	6,882.72	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	10/27/21	2.00	6,904.50	6,854.47	47.72	ND	NA	22.00	6,882.47	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	11/17/21	2.00	6,904.50	6,854.47	47.72	ND	NA	21.78	6,882.69	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	12/13/21	2.00	6,904.50	6,854.47	47.72	ND	NA	21.52	6,882.95	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	01/10/22	2.00	6,904.50	6,854.47	47.72	ND	NA	20.94	6,883.53	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	02/28/22	2.00	6,904.50	6,854.47	47.72	ND	NA	21.09	6,883.38	NA	20 - 50	Chinle/Alluvial Interface
STP1-NW	03/02/22	2.00	6,904.50	6,854.47	47.72	ND	NA	21.55	6,882.92	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)	Ground Level Elevation (ft)	Well Casing Bottom Elevation (ft)	Total Well Depth (ft)	Depth to SPH (ft)	SPH Column Thickness (ft)	Depth to Water (ft)	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	02/28/21	2.00	6,912.40	6,854.47	29.15	29.10	0.02	29.12	6,883.26	6,883.28	15 - 30	Chinle/Alluvial Interface
STP1-SW	03/31/21	2.00	6,912.40	6,854.47	29.15	29.10	0.05	29.15	6,883.23	6,883.27	15 - 30	Chinle/Alluvial Interface
STP1-SW	04/26/21	2.00	6,912.40	6,854.47	29.16	ND	NA	28.96	6,883.42	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	05/22/21	2.00	6,912.40	6,854.47	29.16	ND	NA	29.70	6,882.68	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	06/03/21	2.00	6,912.40	6,854.47	29.16	ND	NA	28.97	6,883.41	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	07/12/21	2.00	6,912.40	6,854.47	29.16	ND	NA	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	08/31/21	2.00	6,912.40	6,854.47	29.16	ND	NA	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	09/08/21	2.00	6,912.40	6,854.47	29.16	ND	NA	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	10/27/21	2.00	6,912.40	6,854.47	29.16	ND	NA	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	11/17/21	2.00	6,912.40	6,854.47	29.16	ND	NA	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	12/09/21	2.00	6,912.40	6,854.47	29.16	ND	NA	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	01/10/22	2.00	6,912.40	6,854.47	29.16	ND	NA	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	02/28/22	2.00	6,912.40	6,854.47	29.16	ND	NA	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
STP1-SW	03/02/22	2.00	6,912.40	6,854.47	29.16	ND	NA	DRY	NA	NA	15 - 30	Chinle/Alluvial Interface
OW-70	09/08/21	2.00	6,943.07	6,993.65	47.70	ND	NA	31.41	6,914.54	NA	32 - 47	Chinle/Alluvial Interface
OW-70	12/16/21	2.00	6,943.07	6,993.65	47.37	ND	NA	31.59	6,914.36	NA	32 - 47	Chinle/Alluvial Interface
OW-70	03/02/22	2.00	6,943.07	6,993.65	47.37	ND	NA	31.64	6,914.31	NA	32 - 47	Chinle/Alluvial Interface
OW-12A	09/08/21	2.00	6,943.65	6,978.56	35.50	ND	NA	DRY	NA	NA	20 - 35	Chinle/Alluvial Interface
OW-12A	12/16/21	2.00	6,943.65	6,978.56	33.20	ND	NA	25.55	6,917.51	NA	20 - 35	Chinle/Alluvial Interface
OW-12A	03/02/22	2.00	6,943.65	6,978.56	33.20	ND	NA	25.66	6,917.40	NA	20 - 35	Chinle/Alluvial Interface

Notes:

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

ft = feet

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. JANUARY VACUUM TRUCK EXTRACTIONS - MKTF WELLS
MARATHON GALLUP REFINERY
GALLUP, NEW MEXICO**

Location	Date	DTP (ft)	DTW (ft)	Recovery Method	Product Thickness (ft)	Volume/Foot (gal)	Total Fluids Pumped/Recovered (gal)	Water Volume Recovered (gal)	Product Volume Recovered (gal)	Total Depth (ft)	Casing Diameter (in)	Comments
MKTF-5	1/11/2022	14.08	14.31	Vac Truck	0.23	0.74	2.78	2.60	0.170	17.83	4	
MKTF-5	1/12/2022	14.05	14.20	Post Recovery	0.15							
MKTF-6	NA	NA	NA	Vac Truck	NA	0.74	0.00	0.00	0.000	17.43	4	Could not access due to mud
MKTF-6	NA	NA	NA	Post Recovery	NA							
MKTF-7	1/10/2022	14.47	14.51	Vac Truck	0.04	0.74	2.19	2.16	0.030	17.43	4	
MKTF-7	1/11/2022	14.14	14.51	Post Recovery	0.37							
MKTF-8	1/11/2022	15.20	15.35	Vac Truck	0.15	0.74	5.03	4.92	0.111	22.00	4	
MKTF-8	1/12/2022	15.10	15.21	Post Recovery	0.11							
MKTF-13	1/11/2022	10.83	14.78	Vac Truck	3.95	0.74	8.36	5.44	2.923	22.13	4	
MKTF-13	1/12/2022	10.80	14.53	Post Recovery	3.73							
MKTF-14	1/11/2022	5.20	5.44	Vac Truck	0.24	0.74	8.97	8.79	0.178	17.32	4	
MKTF-14	1/12/2022	5.03	5.35	Post Recovery	0.32							
MKTF-17	1/11/2022	NA	12.31	Vac Truck	0.00	0.16	2.01	2.01	0.000	24.67	2	No SPH detected
MKTF-17	1/12/2022	NA	12.28	Post Recovery	0.00							No SPH detected
MKTF-20	1/11/2022	NA	8.88	Vac Truck	0.00	0.74	0.55	0.55	0.000	9.62	4	No SPH detected
MKTF-20	1/12/2022	NA	9.49	Post Recovery	0.00							No SPH detected
MKTF-22	7/7/2021	25.24	27.37	Vac Truck	2.13	0.16	1.61	1.26	0.347	35.09	2	
MKTF-22	7/8/2021	25.11	27.29	Post Recovery	2.18							
MKTF-26	1/11/2022	NA	8.82	Vac Truck	0.00	0.16	1.32	1.32	0.000	16.89	2	No SPH detected
MKTF-26	1/12/2022	NA	9.04	Post Recovery	0.00							No SPH detected
MKTF-33	1/11/2022	23.07	23.10	Vac Truck	0.03	0.16	1.64	1.64	0.005	33.15	2	
MKTF-33	1/12/2022	24.00	24.06	Post Recovery	0.06							
MKTF-39	1/11/2022	10.56	11.05	Vac Truck	0.49	0.74	14.56	14.20	0.363	30.24	4	
MKTF-39	1/12/2022	10.55	11.15	Post Recovery	0.60							
MKTF-45	1/10/2022	NA	14.70	Vac Truck	0.00	0.74	11.50	11.50	0.000	30.24	4	No SPH detected
MKTF-45	1/11/2022	NA	14.23	Post Recovery	0.00							No SPH detected
MKTF-49	1/11/2022	21.10	21.58	Vac Truck	0.00	0.74	6.76	6.41	0.355	30.24	4	
MKTF-49	1/12/2022	22.13	22.35	Post Recovery	0.00							
						Total Extracted (gal)	67.28	62.80	4.48			

NOTES:

DTP = Depth to product

DTW = Depth to water

SPH = Separate Phase Hydrocarbon

ft = feet

gal = gallons

in = inches

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

Location	Date	DTP (ft)	DTW (ft)	Recovery Method	Product Thickness (ft)	Volume/ Foot (gal)	Total Fluids Pumped/ Recovered (gal)	Water Volume Recovered (gal)	Product Volume Recovered (gal)	Total Depth (ft)	Casing Diameter (in)	Comments
OW-61	1/10/2022	22.98	23.2	Vac Truck	0.22	0.74	3.71	3.55	0.163	28.0	4	
OW-61	1/11/2022	20.56	20.71	Post Recovery	0.15							
OW-65	1/10/2022	29.11	34.82	Vac Truck	5.71	0.74	5.84	1.61	4.225	37.0	4	
OW-65	1/11/2022	28.03	33.20	Post Recovery	5.17							
RW-1	1/24/2022	30.12	32.16	Vac Truck	2.04	0.74	9.56	8.05	1.510	43.0	4	
RW-1	1/25/2022	29.21	31.27	Post Recovery	2.06							
RW-2R	1/24/2022	22.60	24.87	Vac Truck	2.27	0.74	12.73	11.05	1.680	39.8	4	
RW-2R	1/25/2022	22.78	24.61	Post Recovery	1.83							
RW-5	1/24/2022	30.42	32.66	Vac Truck	2.24	0.74	6.79	5.13	1.658	39.6	4	
RW-5	1/25/2022	30.03	32.18	Post Recovery	2.15							
RW-6	1/24/2022	30.53	32.91	Vac Truck	2.38	0.74	7.67	5.91	1.761	40.9	4	
RW-6	1/25/2022	28.98	31.88	Post Recovery	2.90							
						Total Extracted (gal)	46.30	35.31	11.00			

NOTES:

DTP = Depth to product

DTW = Depth to water

SPH = Separate Phase Hydrocarbon

ft = feet

gal = gallons

in = inches

Vac = Vacuum

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

Location	Date	DTP (ft)	DTW (ft)	Recovery Method	Product Thickness (ft)	Volume/Foot (gal)	Total Fluids Pumped/ Recovered (gal)	Water Volume Recovered (gal)	Product Volume Recovered (gal)	Total Depth (ft)	Casing Diameter (in)	Comments
MKTF-5	2/15/2022	14.38	14.51	Vac Truck	0.13	0.74	2.55	2.46	0.096	17.83	4	
MKTF-5	2/16/2022	14.31	14.48	Post Recovery	0.17							
MKTF-6	NA	NA	NA	Vac Truck	NA	0.74	0.00	0.00	0.000	23.79	4	Could not access due to mud
MKTF-6	NA	NA	NA	Post Recovery	NA							
MKTF-7	2/15/2022	NA	14.11	Vac Truck	0.00	0.74	2.457	2.457	0.000	17.43	4	
MKTF-7	2/16/2022	NA	14.05	Post Recovery	0.00							
MKTF-8	2/15/2022	14.80	14.85	Vac Truck	0.05	0.74	5.33	5.29	0.037	22.00	4	
MKTF-8	2/16/2022	14.75	14.80	Post Recovery	0.05							
MKTF-13	NA	NA	NA	Vac Truck	NA	0.74	0.00	0.00	0.000	22.13	4	Could not access due to mud
MKTF-13	NA	NA	NA	Post Recovery	NA							
MKTF-14	NA	NA	NA	Vac Truck	NA	0.74	0.00	0.00	0.000	17.32	4	Could not access due to mud
MKTF-14	NA	NA	NA	Post Recovery	NA							
MKTF-17	2/10/2022	NA	12.48	Vac Truck	0.00	0.16	1.987	1.987	0.000	24.67	2	No SPH detected
MKTF-17	2/11/2022	NA	12.30	Post Recovery	0.00							No SPH detected
MKTF-20	2/10/2022	NA	NA	Vac Truck	NA	0.74	0.00	0.00	0.000	9.62	4	Dry
MKTF-20	2/11/2022	NA	NA	Post Recovery	NA							
MKTF-22	2/11/2022	25.32	26.50	Vac Truck	1.18	0.16	1.59	1.40	0.192	35.09	2	
MKTF-22	2/12/2022	25.09	26.41	Post Recovery	1.32							
MKTF-26	2/10/2022	NA	8.69	Vac Truck	0.00	0.16	1.337	1.337	0.000	16.89	2	No SPH detected
MKTF-26	2/11/2022	NA	8.50	Post Recovery	0.00							No SPH detected
MKTF-33	2/10/2022	22.92	22.94	Vac Truck	22.18	0.16	1.67	1.66	0.003	33.15	2	
MKTF-33	2/11/2022	22.15	22.18	Post Recovery	0.03							
MKTF-39	2/10/2022	10.64	11.56	Vac Truck	0.92	0.74	14.50	13.82	0.681	30.24	4	
MKTF-39	2/11/2022	10.25	11.10	Post Recovery	0.85							
MKTF-45	2/10/2022	NA	14.43	Vac Truck	0.00	0.74	11.699	11.699	0.000	30.24	4	No SPH detected
MKTF-45	2/11/2022	NA	13.89	Post Recovery	0.00							No SPH detected
MKTF-49	2/10/2022	20.83	21.77	Vac Truck	0.94	0.16	1.53	1.38	0.15	30.24	4	
MKTF-49	2/11/2022	19.97	20.66	Post Recovery	0.69							
						Total Extracted (gal)	44.66	43.50	1.16			

NOTES:

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. FEBRUARY VACUUM TRUCK EXTRACTIONS - TANK FARM WELLS
MARATHON GALLUP REFINERY
GALLUP, NEW MEXICO**

Location	Date	DTP (ft)	DTW (ft)	Recovery Method	Product Thickness (ft)	Volume/ Foot (gal)	Total Fluids Pumped/ Recovered (gal)	Water Volume Recovered (gal)	Product Volume Recovered (gal)	Total Depth (ft)	Casing Diameter (in)	Comments
OW-61	2/9/2022	23.36	23.59	Vac Truck	0.23	0.74	3.43	3.26	0.170	28.0	4	
OW-61	2/10/2022	22.85	22.97	Post Recovery	0.12							
OW-65	2/9/2022	29.45	33.96	Vac Truck	4.51	0.74	5.59	2.25	3.337	37.0	4	
OW-65	2/10/2022	27.32	32.02	Post Recovery	4.70							
RW-1	2/9/2022	30.43	31.38	Vac Truck	0.95	0.74	9.33	8.63	0.703	43.0	4	
RW-1	2/10/2022	28.10	28.85	Post Recovery	0.75							
RW-2R	2/9/2022	22.70	24.96	Vac Truck	2.26	0.74	12.65	10.98	1.672	39.8	4	
RW-2R	2/10/2022	22.61	24.59	Post Recovery	1.98							
RW-5	2/9/2022	30.43	32.81	Vac Truck	2.38	0.74	6.78	5.02	1.761	39.6	4	
RW-5	2/10/2022	29.28	31.44	Post Recovery	2.16							
RW-6	2/9/2022	30.74	32.37	Vac Truck	1.63	0.74	7.52	6.31	1.206	40.9	4	
RW-6	2/10/2022	29.50	31.10	Post Recovery	1.60							
						Total Extracted (gal)	45.30	36.45	8.85			

NOTES:

DTP = Depth to product

DTW = Depth to water

SPH = Separate Phase Hydrocarbon

ft = feet

gal = gallons

in = inches

Vac = Vacuum

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

Location	Date	DTP (ft)	DTW (ft)	Recovery Method	Product Thickness (ft)	Volume/Foot (gal)	Total Fluids Pumped/ Recovered (gal)	Water Volume Recovered (gal)	Product Volume Recovered (gal)	Total Depth (ft)	Casing Diameter (in)	Comments
MKTF-5	3/8/2022	14.55	14.69	Vac Truck	0.14	0.74	2.43	2.32	0.104	17.83	4	
MKTF-5	3/9/2022	14.51	14.58	Post Recovery	0.07							
MKTF-6	NA	NA	NA	Vac Truck	NA	0.74	0.00	0.00	0.000	23.79	4	Could not access due to mud
MKTF-6	NA	NA	NA	Post Recovery	NA							Could not access due to mud
MKTF-7	3/8/2022	NA	14.31	Vac Truck	0.00	0.74	2.31	2.31	0.000	17.43	4	
MKTF-7	3/9/2022	NA	14.14	Post Recovery	0.00							
MKTF-8	3/8/2022	15.15	15.22	14.89	0.07	0.74	5.07	5.02	0.052	22.00	4	
MKTF-8	3/9/2022	15.03	15.11	Post Recovery	0.08							
MKTF-13	3/8/2022	12.20	15.47	Vac Truck	3.27	0.74	7.35	4.93	2.420	22.13	4	
MKTF-13	3/9/2022	11.88	14.90	Post Recovery	3.02							
MKTF-14	3/8/2022	NA	5.98	Vac Truck	0.00	0.74	8.39	8.39	0.000	17.32	4	No SPH detected
MKTF-14	3/9/2022	NA	5.22	Post Recovery	0.00							No SPH detected
MKTF-17R	3/9/2022	NA	12.72	Vac Truck	0.00	0.16	1.95	1.95	0.000	24.67	2	No SPH detected
MKTF-17R	3/10/2022	NA	11.93	Post Recovery	0.00							No SPH detected
MKTF-20	3/8/2022	NA	NA	Vac Truck	0.00	0.74	0.00	0.00	0.000	9.62	4	DRY
MKTF-20	3/9/2022	NA	NA	Post Recovery	0.00							DRY
MKTF-22	3/8/2022	25.43	26.01	Vac Truck	0.58	0.16	1.57	1.48	0.095	35.09	2	
MKTF-22	3/9/2022	24.22	25.17	Post Recovery	0.95							
MKTF-26	3/9/2022	NA	8.50	Vac Truck	0.00	0.16	1.37	1.37	0.000	16.89	2	
MKTF-26	3/10/2022	NA	8.38	Post Recovery	0.00							
MKTF-33	3/9/2022	22.85	22.87	Vac Truck	0.02	0.16	1.68	1.68	0.003	33.15	2	
MKTF-33	3/10/2022	21.15	21.18	Post Recovery	0.03							
MKTF-39	3/9/2022	9.84	10.64	Vac Truck	0.80	0.16	3.33	3.19	0.130	30.24	2	
MKTF-39	3/10/2022	9.74	10.43	Post Recovery	0.69							
MKTF-45	3/8/2022	NA	14.82	Vac Truck	0.00	0.74	11.41	11.41	0.000	30.24	4	No SPH detected
MKTF-45	3/9/2022	14.28	14.33	Post Recovery	0.05							
MKTF-49	3/9/2022	20.77	22.07	Vac Truck	1.30	0.16	1.54	1.33	0.212	30.24	2	
MKTF-49	3/10/2022	19.91	21.50	Post Recovery	1.59							
						Total Extracted (gal)	48.39	45.38	3.02			

NOTES:

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. MARCH VACUUM TRUCK EXTRACTIONS - TANK FARM WELLS
MARATHON GALLUP REFINERY
GALLUP, NEW MEXICO**

Location	Date	DTP (ft)	DTW (ft)	Recovery Method	Product Thickness (ft)	Volume/ Foot (gal.)	Total Fluids Pumped/ Recovered (gal)	Water Volume Recovered (gal)	Product Volume Recovered (gal)	Total Depth (ft)	Casing Diameter (in)	Comments
OW-61	3/9/2022	23.77	23.91	Vac Truck	0.14	0.74	3.13	3.03	0.104	28.0	4	
OW-61	3/10/2022	23.10	23.66	Post Recovery	0.56							
OW-65	3/9/2022	29.24	35.34	Vac Truck	6.10	0.74	5.74	1.23	4.514	37.0	4	
OW-65	3/10/2022	28.77	34.15	Post Recovery	5.38							
RW-1	3/8/2022	30.38	31.01	Vac Truck	0.63	0.74	9.37	8.90	0.466	43.0	4	
RW-1	3/9/2022	29.14	30.92	Post Recovery	1.78							
RW-2R	3/8/2022	22.76	25.05	Vac Truck	2.29	0.74	6.47	4.77	1.695	31.5	4	
RW-2R	3/9/2022	22.60	24.84	Post Recovery	2.24							
RW-5	3/8/2022	30.56	32.93	Vac Truck	2.37	0.74	6.68	4.93	1.754	39.6	4	
RW-5	3/9/2022	30.07	32.22	Post Recovery	2.15							
RW-6	3/8/2022	30.84	32.60	Vac Truck	1.76	0.74	7.44	6.14	1.302	40.9	4	
RW-6	3/9/2022	28.91	30.11	Post Recovery	1.20							
						Total Extracted (gal)	38.84	29.00	9.83			

NOTES:

DTP = Depth to product

DTW = Depth to water

SPH = Separate Phase Hydrocarbon

ft = feet

gal = gallons

in = inches

Vac = Vacuum

TABLE 4A. SUMMARY OF 2021 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	PZ-1	PZ-2	S-1	S-2	S-3	S-4	S-5	PZ-1	PZ-2	S-1	S-2	S-3	S-4	S-5				
5/10/2021	3.56	3.41	4.50	ND	ND	ND	ND	8.93	7.71	7.94	6.36	5.84	2.81	3.99	5.37	4.30	3.44	0.00	0.00	37.44	37.44	124.15	124.15
5/11/2021	3.63	3.46	4.68	ND	ND	ND	ND	8.83	7.57	7.60	6.39	5.08	2.82	3.98	5.20	4.11	2.92	0.00	0.00	34.93	72.37	134.84	258.99
5/12/2021	3.65	3.45	4.68	ND	ND	ND	ND	8.84	7.65	7.59	6.42	5.10	2.85	4.00	5.19	4.20	2.91	0.00	0.00	35.13	107.50	133.78	392.76
5/17/2021	3.62	3.50	4.56	ND	ND	ND	ND	8.91	7.76	7.91	6.39	5.11	2.89	4.04	5.29	4.26	3.35	0.00	0.00	36.84	144.35	129.86	522.62
5/18/2021	3.69	3.51	4.73	ND	ND	ND	ND	8.79	7.76	7.53	6.46	5.14	2.91	4.10	5.10	4.25	2.80	0.00	0.00	34.70	179.05	133.12	655.75
5/20/2021	3.71	3.53	4.72	ND	ND	ND	ND	8.86	7.82	7.67	6.48	5.21	2.98	4.18	5.15	4.29	2.95	0.00	0.00	35.39	214.43	130.19	785.93
5/24/2021	3.76	3.56	4.71	ND	ND	ND	ND	8.96	7.91	7.91	6.51	5.20	3.06	4.24	5.20	4.35	3.20	0.00	0.00	36.41	250.85	126.52	912.45
5/25/2021	3.88	3.59	4.86	ND	ND	ND	ND	8.55	7.84	7.42	6.52	5.21	3.08	4.26	4.67	4.25	2.56	0.00	0.00	32.79	283.64	134.27	1046.72
5/26/2021	3.91	3.60	4.88	ND	ND	ND	ND	8.49	7.82	7.40	6.53	5.22	3.08	4.26	4.58	4.22	2.52	0.00	0.00	32.33	315.97	134.92	1181.63
5/27/2021	3.88	3.63	4.90	ND	ND	ND	ND	8.52	7.76	7.42	6.54	5.24	3.08	4.29	4.64	4.13	2.52	0.00	0.00	32.24	348.21	134.75	1316.39
6/1/2021	3.79	3.61	4.79	ND	ND	ND	ND	8.95	7.97	7.98	6.58	5.26	3.10	4.33	5.16	4.36	3.19	0.00	0.00	36.30	384.51	124.48	1440.87
6/2/2021	3.97	3.65	4.89	ND	ND	ND	ND	8.32	7.72	7.52	6.58	5.26	3.11	4.33	4.35	4.07	2.63	0.00	0.00	31.56	416.07	135.41	1576.27
6/3/2021	4.06	3.70	4.96	ND	ND	ND	ND	8.05	7.63	7.47	6.59	5.28	3.12	4.35	3.99	3.93	2.51	0.00	0.00	29.79	445.86	138.51	1714.78
6/7/2021	3.82	3.63	4.79	ND	ND	ND	ND	8.89	7.97	7.98	6.60	5.29	3.13	4.38	5.07	4.34	3.19	0.00	0.00	35.99	481.85	124.56	1839.34
6/8/2021	4.09	3.70	4.94	ND	ND	ND	ND	8.08	7.82	7.65	6.63	5.33	3.13	4.40	3.99	4.12	2.71	0.00	0.00	30.90	512.75	134.51	1973.85
6/9/2021	4.24	3.81	5.08	ND	ND	ND	ND	7.67	7.52	7.35	6.66	5.34	3.15	4.41	3.43	3.71	2.27	0.00	0.00	26.88	539.62	142.42	2116.27
6/10/2021	4.34	3.81	5.01	ND	ND	ND	ND	7.44	7.48	7.42	6.65	5.34	3.16	4.02	3.10	3.67	2.41	0.00	0.00	26.22	565.84	144.14	2260.41
6/14/2021	3.90	3.74	4.88	ND	ND	ND	ND	8.92	8.00	8.02	7.04	5.04	3.48	3.25	5.02	4.26	3.14	0.00	0.00	35.47	601.31	122.19	2382.60
6/15/2021	4.30	3.91	5.05	ND	ND	ND	ND	7.74	7.39	7.56	6.72	5.39	4.50	3.22	3.44	3.48	2.51	0.00	0.00	26.93	628.25	140.30	2522.90
6/16/2021	4.26	3.88	5.07	ND	ND	ND	ND	7.85	7.55	7.65	6.72	5.42	3.26	4.54	3.59	3.67	2.58	0.00	0.00	28.10	656.35	137.12	2660.02
6/17/2021	4.26	3.85	5.05	ND	ND	ND	ND	7.81	7.54	7.50	6.70	5.40	3.26	4.57	3.55	3.69	2.45	0.00	0.00	27.68	684.03	139.08	2799.10
6/21/2021	3.95	3.79	4.97	ND	ND	ND	ND	8.96	8.06	8.10	6.78	5.46	3.32	4.58	5.01	4.27	3.13	0.00	0.00	35.44	719.47	119.42	2918.52
6/22/2021	4.31	3.89	5.16	ND	ND	ND	ND	7.84	7.78	7.56	6.78	5.46	3.33	4.60	3.53	3.89	2.40	0.00	0.00	28.05	747.52	135.24	3053.77
6/23/2021	4.31	3.90	5.17	ND	ND	ND	ND	7.91	7.72	7.56	6.78	5.47	3.36	4.62	3.60	3.82	2.39	0.00	0.00	28.02	775.53	135.08	3188.85
6/24/2021	4.27	3.91	5.17	ND	ND	ND	ND	8.06	7.78	7.64	6.83	5.49	3.39	4.65	3.79	3.87	2.47	0.00	0.00	28.93	804.47	132.14	3320.99
6/28/2021	4.03	3.87	5.05	ND	ND	ND	ND	9.1	8.14	8.12	6.85	5.51	3.50	4.71	5.07	4.27	3.07	0.00	0.00	35.44	839.91	116.48	3437.47
6/29/2021	4.21	3.98	5.21	ND	ND	ND	ND	8.67	7.98	7.83	6.89	5.55	3.55	4.77	4.46	4.00	2.62	0.00	0.00	31.65	871.56	123.01	3560.48
6/30/2021	4.35	4.01	5.29	ND	ND	ND	ND	8.27	7.90	7.63	6.89	5.55	3.58	4.79	3.92	3.89	2.34	0.00	0.00	28.99	900.54	128.56	3689.04
7/1/2021	4.37	3.99	5.28	ND	ND	ND	ND	8.23	7.98	7.67	6.88	5.54	3.59	4.78	3.86	3.99	2.39	0.00	0.00	29.25	929.79	128.07	3817.10
7/6/2021	4.06	3.88	5.06	ND	ND	ND	ND	9.23	8.28	8.22	6.88	5.55	3.54	4.72	5.17	4.40	3.16	0.00	0.00	36.36	966.15	112.89	3930.00
7/7/2021	4.22	3.99	5.20	ND	ND	ND	ND	8.59	7.88	7.84	6.87	5.54	3.53	4.72	4.37	3.89	2.64	0.00	0.00	31.13	997.28	124.64	4054.64
7/8/2021	4.24	3.97	5.18	ND	ND	ND	ND	8.55	7.87	7.87	6.87	5.55	3.52	4.71	4.31	3.90	2.69	0.00	0.00	31.13	1028.41	124.72	4179.36

TABLE 4A. SUMMARY OF 2021 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	PZ-1	PZ-2	S-1	S-2	S-3	S-4	S-5	PZ-1	PZ-2	S-1	S-2	S-3	S-4	S-5				
7/12/2021	4.09	3.92	5.11	ND	ND	ND	ND	9.17	8.28	8.31	6.92	5.59	3.54	4.75	5.08	4.36	3.20	0.00	0.00	36.10	1064.51	112.00	4291.36
7/13/2021	4.22	4.02	5.24	ND	ND	ND	ND	8.64	7.92	7.89	6.92	5.59	3.55	4.77	4.42	3.90	2.65	0.00	0.00	31.33	1095.84	122.68	4414.04
7/14/2021	4.28	4.07	5.26	ND	ND	ND	ND	8.6	7.93	7.93	6.94	5.61	3.59	4.80	4.32	3.86	2.67	0.00	0.00	30.99	1126.83	122.27	4536.31
7/15/2021	4.31	4.08	5.33	ND	ND	ND	ND	8.58	8.04	7.91	6.96	5.62	3.63	4.82	4.27	3.96	2.58	0.00	0.00	30.87	1157.70	121.46	4657.77
7/19/2021	4.18	4.00	5.18	ND	ND	ND	ND	9.28	8.27	8.21	6.98	5.69	3.68	4.86	5.10	4.27	3.03	0.00	0.00	35.42	1193.12	110.69	4768.47
7/20/2021	4.25	4.13	5.23	ND	ND	ND	ND	8.88	7.78	7.94	6.95	5.63	3.65	4.85	4.63	3.65	2.71	0.00	0.00	31.39	1224.51	120.89	4889.35
7/21/2021	4.30	4.18	5.30	ND	ND	ND	ND	8.68	7.64	7.94	6.97	5.65	3.65	4.84	4.38	3.46	2.64	0.00	0.00	29.93	1254.44	123.34	5012.69
7/22/2021	4.30	4.15	5.32	ND	ND	ND	ND	8.84	7.88	8.03	6.99	5.66	3.65	4.82	4.54	3.73	2.71	0.00	0.00	31.36	1285.80	119.09	5131.78
8/2/2021	4.02	3.56	5.06	ND	ND	ND	ND	8.96	8.04	8.02	6.81	5.51	3.20	4.02	4.94	4.48	2.96	0.00	0.00	35.36	1321.16	119.58	5251.36
8/3/2021	4.09	3.96	5.11	ND	ND	ND	ND	8.63	7.59	7.81	6.80	5.50	3.19	3.99	4.54	3.63	2.70	0.00	0.00	31.05	1352.20	127.82	5379.19
8/4/2021	4.10	3.98	5.10	ND	ND	ND	ND	8.57	7.56	7.78	6.78	5.48	3.16	3.99	4.47	3.58	2.68	0.00	0.00	30.65	1382.85	129.13	5508.31
8/5/2021	4.10	3.99	5.11	ND	ND	ND	ND	8.49	7.41	7.79	6.78	5.48	3.14	3.99	4.39	3.42	2.68	0.00	0.00	29.96	1412.81	130.92	5639.23
8/9/2021	3.99	3.80	4.96	ND	ND	ND	ND	8.76	7.87	8.04	6.73	5.45	3.05	3.97	4.77	4.07	3.08	0.00	0.00	34.04	1446.85	123.58	5762.81
8/10/2021	4.12	4.01	5.06	ND	ND	ND	ND	8.38	7.30	7.79	6.78	5.46	3.09	4.03	4.26	3.29	2.73	0.00	0.00	29.36	1476.21	132.88	5895.69
8/16/2021	3.99	3.79	4.98	ND	ND	ND	ND	8.75	7.87	8.00	6.74	5.46	3.07	3.96	4.76	4.08	3.02	0.00	0.00	33.87	1510.08	123.82	6019.52
8/17/2021	4.03	4.05	5.08	ND	ND	ND	ND	8.33	7.20	7.79	6.78	5.46	3.08	3.98	4.30	3.15	2.71	0.00	0.00	29.02	1539.10	134.10	6153.62
8/18/2021	4.23	4.04	5.11	ND	ND	ND	ND	7.99	7.19	7.69	6.76	5.45	3.09	4.00	3.76	3.15	2.58	0.00	0.00	27.10	1566.21	138.02	6291.64
8/19/2021	4.21	4.04	5.12	ND	ND	ND	ND	8.15	7.24	7.73	6.79	5.46	3.10	4.03	3.94	3.20	2.61	0.00	0.00	27.85	1594.05	135.65	6427.29
8/23/2021	4.05	3.91	5.08	ND	ND	ND	ND	8.74	7.80	7.97	6.82	5.49	3.19	4.15	4.69	3.89	2.89	0.00	0.00	32.76	1626.81	123.82	6551.11
8/24/2021	4.23	4.12	5.22	ND	ND	ND	ND	8.2	7.23	7.73	6.85	5.53	3.21	4.19	3.97	3.11	2.51	0.00	0.00	27.39	1654.20	134.27	6685.38
8/25/2021	4.30	4.16	5.20	ND	ND	ND	ND	8.15	7.21	7.71	6.85	5.53	3.22	4.23	3.85	3.05	2.51	0.00	0.00	26.88	1681.08	135.00	6820.38
8/26/2021	4.31	4.13	5.19	ND	ND	ND	ND	8.06	7.16	7.71	6.83	5.53	3.22	4.22	3.75	3.03	2.52	0.00	0.00	26.56	1707.64	136.30	6956.68
8/30/2021	4.11	3.96	5.16	ND	ND	ND	ND	8.81	7.82	8.03	6.86	5.55	3.29	4.32	4.70	3.86	2.87	0.00	0.00	32.64	1740.28	121.79	7078.47
8/31/2021	4.24	4.12	5.21	ND	ND	ND	ND	8.36	7.29	7.79	6.87	5.55	3.27	4.31	4.12	3.17	2.58	0.00	0.00	28.19	1768.47	131.66	7210.12
9/2/2021	4.19	4.09	5.22	ND	ND	ND	ND	8.73	7.59	8.00	6.91	5.57	3.30	4.33	4.54	3.50	2.78	0.00	0.00	30.90	1799.37	123.99	7334.11
9/7/2021	4.12	3.97	5.17	ND	ND	ND	ND	8.91	7.93	8.02	6.88	5.56	3.32	4.39	4.79	3.96	2.85	0.00	0.00	33.13	1832.51	119.91	7454.02
9/8/2021	4.28	4.17	5.25	ND	ND	ND	ND	8.47	7.37	7.83	6.91	5.58	3.34	4.42	4.19	3.20	2.58	0.00	0.00	28.47	1860.98	129.21	7583.23
9/9/2021	4.29	4.18	5.24	ND	ND	ND	ND	8.43	7.33	7.83	6.90	5.59	3.39	4.42	4.14	3.15	2.59	0.00	0.00	28.22	1889.20	129.86	7713.09
9/13/2021	4.16	4.02	5.18	ND	ND	ND	ND	8.93	7.90	8.11	6.93	5.62	3.38	4.49	4.77	3.88	2.93	0.00	0.00	33.07	1922.27	118.36	7831.45
9/14/2021	4.32	4.21	5.29	ND	ND	ND	ND	8.49	7.39	7.89	6.95	5.62	3.40	4.52	4.17	3.18	2.60	0.00	0.00	28.42	1950.69	127.74	7959.19
9/15/2021	4.32	4.23	5.30	ND	ND	ND	ND	8.54	7.36	7.89	6.97	5.64	3.45	4.56	4.22	3.13	2.59	0.00	0.00	28.39	1979.08	127.25	8086.44
9/16/2021	4.35	4.24	5.33	ND	ND	ND	ND	8.54	7.47	7.94	6.99	5.66	3.47	4.59	4.19	3.23	2.61	0.00	0.00	28.65	2007.72	125.62	8212.06

TABLE 4A. SUMMARY OF 2021 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	PZ-1	PZ-2	S-1	S-2	S-3	S-4	S-5	PZ-1	PZ-2	S-1	S-2	S-3	S-4	S-5				
9/20/2021	4.27	4.10	5.25	6.99	ND	ND	ND	9.07	7.99	8.10	7.02	5.65	3.56	4.68	4.80	3.89	2.85	0.03	0.00	33.04	2040.77	115.59	8327.64
9/21/2021	4.42	4.34	5.43	7.05	ND	ND	ND	8.74	7.47	7.93	7.06	5.69	3.63	4.76	4.32	3.13	2.50	0.01	0.00	28.45	2069.22	123.25	8450.90
9/22/2021	4.36	4.27	5.40	7.03	ND	ND	ND	8.89	7.56	7.96	7.04	5.69	3.66	4.80	4.53	3.29	2.56	0.01	0.00	29.67	2098.89	121.21	8572.11
9/23/2021	4.51	4.33	5.38	ND	ND	ND	ND	8.77	7.45	7.85	7.01	5.68	3.66	4.79	4.26	3.12	2.47	0.00	0.00	28.13	2127.02	124.31	8696.42
9/28/2021	4.26	4.13	5.33	6.99	5.65	ND	ND	9.22	8.10	8.07	7.02	5.66	3.63	4.58	4.96	3.97	2.74	0.03	0.01	33.44	2160.47	113.63	8810.05
9/29/2021	4.37	4.33	5.40	ND	ND	ND	ND	8.91	7.52	7.92	7.03	5.67	3.63	4.54	4.54	3.19	2.52	0.00	0.00	29.27	2189.74	121.95	8932.00
10/4/2021	4.19	4.05	5.29	6.94	ND	ND	ND	9.09	8.02	7.93	6.95	5.58	3.47	4.30	4.90	3.97	2.64	0.01	0.00	32.90	2222.64	117.71	9049.71
10/5/2021	4.24	4.18	5.30	6.91	5.55	ND	ND	8.81	7.51	7.84	6.92	5.56	3.42	4.24	4.57	3.33	2.54	0.01	0.01	29.87	2252.52	125.29	9175.00
10/7/2021	4.16	4.01	5.19	6.83	ND	ND	ND	8.85	7.75	7.85	6.84	5.49	3.32	4.12	4.69	3.74	2.66	0.01	0.00	31.70	2284.22	124.15	9299.15
10/11/2021	4.08	3.89	5.09	ND	5.43	ND	ND	8.82	7.87	7.82	6.78	5.44	3.22	4.04	4.74	3.98	2.73	0.00	0.01	32.73	2316.95	124.56	9423.71
10/13/2021	4.14	3.93	5.17	ND	ND	ND	ND	8.74	7.73	7.80	6.81	5.45	3.26	4.09	4.60	3.80	2.63	0.00	0.00	31.50	2348.45	126.19	9549.90
10/14/2021	4.18	3.94	5.20	ND	ND	ND	ND	8.61	7.74	7.75	6.84	5.47	3.33	4.14	4.43	3.80	2.55	0.00	0.00	30.79	2379.24	127.17	9677.07
10/18/2021	4.17	3.99	5.10	ND	ND	ND	ND	8.76	7.76	7.80	6.80	5.45	3.34	4.12	4.59	3.77	2.70	0.00	0.00	31.59	2410.83	125.86	9802.93
10/19/2021	4.08	3.90	5.09	6.75	ND	ND	ND	8.79	7.83	7.78	6.77	5.42	3.26	4.13	4.71	3.93	2.69	0.02	0.00	32.42	2443.25	125.70	9928.63
10/20/2021	4.19	3.96	5.16	6.78	ND	ND	ND	8.59	7.76	7.69	6.80	5.44	3.28	4.17	4.40	3.80	2.53	0.02	0.00	30.70	2473.95	128.23	10056.86
10/21/2021	4.20	3.96	5.18	6.79	ND	ND	ND	8.55	7.79	7.69	6.81	5.43	3.29	4.20	4.35	3.83	2.51	0.02	0.00	30.59	2504.54	128.31	10185.17
10/25/2021	4.10	3.89	5.11	6.72	ND	ND	ND	8.73	7.79	7.74	6.78	5.39	3.24	4.21	4.63	3.90	2.63	0.06	0.00	32.04	2536.58	127.01	10312.18
10/28/2021	4.22	3.97	5.22	6.76	ND	ND	ND	8.53	7.71	7.66	6.84	5.42	3.31	4.35	4.31	3.74	2.44	0.08	0.00	30.19	2566.77	129.21	10441.39
11/1/2021	4.13	3.92	5.12	6.70	ND	ND	ND	8.71	7.76	7.68	6.89	5.38	3.30	4.33	4.58	3.84	2.56	0.19	0.00	31.90	2598.67	127.09	10568.47
11/2/2021	4.20	3.96	5.17	6.71	ND	ND	ND	8.51	7.70	7.65	6.89	5.38	3.30	4.34	4.31	3.74	2.48	0.18	0.00	30.59	2629.26	129.45	10697.93
11/3/2021	4.20	3.91	5.17	6.72	ND	ND	ND	8.49	7.65	7.63	6.90	5.39	3.30	4.36	4.29	3.74	2.46	0.18	0.00	30.47	2659.73	130.02	10827.95
11/4/2021	4.23	3.96	5.17	6.72	ND	ND	ND	8.4	7.73	7.59	6.90	5.40	3.31	4.38	4.17	3.77	2.42	0.18	0.00	30.10	2689.84	130.35	10958.30
11/8/2021	4.11	3.92	5.12	6.65	ND	ND	ND	8.69	7.72	7.65	6.98	5.39	3.31	4.39	4.58	3.80	2.53	0.33	0.00	32.10	2721.94	127.01	11085.31
11/9/2021	4.21	3.96	5.17	6.69	ND	ND	ND	8.45	7.65	7.59	6.96	5.39	3.32	4.41	4.24	3.69	2.42	0.27	0.00	30.33	2752.27	130.19	11215.49
11/10/2021	4.21	3.96	5.16	6.69	ND	ND	ND	8.45	7.79	7.59	6.94	5.38	3.32	4.40	4.24	3.83	2.43	0.25	0.00	30.70	2782.97	129.29	11344.78
11/11/2021	4.26	3.98	5.22	6.72	ND	ND	ND	8.41	7.72	7.59	6.93	5.38	3.34	4.44	4.15	3.74	2.37	0.21	0.00	29.90	2812.88	130.27	11475.05
11/15/2021	4.18	3.98	5.18	6.67	ND	ND	ND	8.70	7.77	7.64	7.08	5.39	3.38	4.50	4.52	3.79	2.46	0.41	0.00	31.93	2844.81	125.78	11600.83
11/16/2021	4.23	3.97	5.20	6.67	ND	ND	ND	8.47	7.73	7.59	6.99	5.37	3.37	4.48	4.24	3.76	2.39	0.32	0.00	30.59	2875.40	129.29	11730.12
11/17/2021	4.27	3.99	5.20	6.70	ND	ND	ND	8.42	7.70	7.56	6.99	5.38	3.38	4.49	4.15	3.71	2.36	0.29	0.00	30.02	2905.41	130.11	11860.23
11/18/2021	4.29	4.03	5.27	6.74	ND	ND	ND	8.45	7.71	7.60	7.02	5.41	3.42	4.53	4.16	3.68	2.33	0.28	0.00	29.85	2935.26	128.96	11989.19
11/22/2021	4.25	3.99	5.21	6.70	ND	ND	ND	8.75	7.72	7.61	7.11	5.40	3.45	4.58	4.50	3.73	2.40	0.41	0.00	31.53	2966.79	125.70	12114.89
11/23/2021	4.26	4.00	5.23	6.69	ND	ND	ND	8.51	7.71	7.59	7.08	5.40	3.43	4.55	4.25	3.71	2.36	0.39	0.00	30.59	2997.38	128.15	12243.04

TABLE 4A. SUMMARY OF 2021 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	PZ-1	PZ-2	S-1	S-2	S-3	S-4	S-5	PZ-1	PZ-2	S-1	S-2	S-3	S-4	S-5				
11/29/2021	4.19	3.99	5.18	6.60	ND	ND	ND	8.79	7.73	7.56	7.16	5.35	3.46	4.59	4.60	3.74	2.38	0.56	0.00				
11/30/2021	4.31	4.02	5.23	6.66	ND	ND	ND	8.46	7.62	7.50	7.06	5.37	3.46	4.59	4.15	3.60	2.27	0.40	0.00				
12/1/2021	4.30	4.03	5.23	6.69	ND	ND	ND	8.50	7.64	7.51	7.05	5.38	3.46	4.60	4.20	3.61	2.28	0.36	0.00				
12/2/2021	4.27	4.01	5.22	6.68	ND	ND	ND	8.46	7.69	7.48	6.98	5.37	3.45	4.59	4.19	3.68	2.26	0.30	0.00				
12/6/2021	4.16	3.95	5.17	6.60	ND	ND	ND	8.69	7.70	7.54	7.11	5.33	3.40	4.55	4.53	3.75	2.37	0.51	0.00	51.80	3049.18	136.90	12379.94
12/7/2021	4.24	3.92	5.18	6.62	ND	ND	ND	8.46	7.70	7.47	7.00	5.33	3.40	4.55	4.22	3.78	2.29	0.38	0.00				
12/8/2021	4.27	3.99	5.21	6.64	ND	ND	ND	8.36	7.58	7.47	6.98	5.33	3.40	4.56	4.09	3.59	2.26	0.34	0.00				
12/9/2021	4.27	3.99	5.19	6.64	ND	ND	ND	8.31	7.54	7.44	6.93	5.32	3.39	4.53	4.04	3.55	2.25	0.29	0.00				
12/13/2021	4.20	3.98	5.18	6.60	ND	ND	ND	8.64	7.68	7.48	7.14	5.34	3.43	4.63	4.44	3.70	2.30	0.54	0.00	51.80	3100.98	173.90	12553.84
12/14/2021	4.32	4.01	5.24	6.30	ND	ND	ND	8.31	7.63	7.42	7.03	5.35	3.45	4.63	3.99	3.62	2.18	0.73	0.00				
12/16/2021	4.21	3.98	5.17	6.60	ND	ND	ND	8.55	7.65	7.45	7.03	5.32	3.42	4.56	4.34	3.67	2.28	0.43	0.00				
12/20/2021	4.22	4.00	5.23	6.58	ND	ND	ND	8.65	7.69	7.48	7.23	5.35	3.46	4.66	4.43	3.69	2.25	0.65	0.00	40.70	3141.68	92.50	12646.34
12/21/2021	4.28	4.01	5.27	6.64	ND	ND	ND	8.42	7.72	7.40	7.10	5.35	3.49	4.69	4.14	3.71	2.13	0.46	0.00				
12/22/2021	4.37	4.04	5.28	6.67	ND	ND	ND	8.25	7.64	7.36	7.04	5.36	3.48	4.67	3.88	3.60	2.08	0.37	0.00	37.00	3178.68	99.90	12746.24
Change	-0.81	-0.63	-0.78	NA	NA	NA	NA	0.68	0.07	0.58	-0.68	0.48	-0.67	-0.68	1.49	0.70	1.36	-0.37	0.00	NA	NA	NA	NA

(5/10/21-12/22/21)

Notes:

w- weekNA - not applicableNM - not measuredgal - gallonsND - not detectedft - feet

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

*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

TABLE 4B. SUMMARY OF 1ST QUARTER 2022 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									
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	3.06	4.18	NI	NI	4.52	3.80	2.48	1.47	0.00	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	3.07	4.15	NI	NI	3.90	2.76	2.37	0.67	0.00	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	3.05	4.15	NI	NI	3.34	3.65	2.33	0.53	0.00	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	3.02	4.13	NI	NI	2.85	3.42	2.30	0.41	0.00	NI	NI	NI	0.00	0.00	NI	NI	51.80	3230.48	122.10	12868.34					
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	2.95	4.05	NI	NI	2.96	3.84	2.40	0.67	0.00	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	2.98	4.05	NI	NI	2.40	3.47	2.27	0.34	0.00	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	2.96	4.05	NI	NI	1.85	3.45	2.29	0.30	0.00	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	2.96	4.05	NI	NI	1.43	3.40	2.24	0.27	0.00	NI	NI	NI	0.00	0.00	NI	NI	37.00	3267.48	140.60	13008.94					
1/24/2022	4.04	3.60	4.79	6.23	ND		7.71	9.53	ND	ND	ND		5.95	8.41		7.58	7.35	7.17	6.71	4.98	9.97	ND		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	ND		5.46	8.39		6.25	6.99	7.08	6.63	5.01	9.86	ND		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	ND		5.95	8.41		6.40	7.21	7.18	6.65	5.01	9.86	ND		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	3304.48	148.00	13156.94		
1/31/2022	4.20	3.63	4.85	6.23	ND		7.69	9.52	ND	ND	ND		5.95	8.39		7.09	7.35	7.18	6.73	5.00	9.66	ND		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	ND		5.92	8.38		6.14	6.95	7.09	6.57	7.98	9.67	ND		2.90	4.10	10.23	10.65	1.61	3.26	2.23	0.32	0.00	1.97	0.50	0.00	0.00	0.00	4.31	2.27						
2/2/2022	4.61	3.70	4.85	NM	NM		7.69	9.50	ND	ND	ND		5.92	8.38		5.90	6.91	7.07	NM	NM	9.66	ND		19.52	2.92	4.10	10.24	10.65	1.29	3.21	2.22	NM	NM		1.97	0.50	0.00	0.00	0.00	4.32	2.27				
2/3/2022	4.52	3.64	4.83	6.25	ND		7.68	9.50	ND		ND		5.94	8.36		6.12	7.14	7.11	6.59	4.99	9.66	ND		19.30	2.92	4.11	10.23	10.65	1.60	3.50	2.28	0.34	0.00	1.98	0.50	0.00	0.00	0.00	4.29	2.29	29.60	3334.08	151.70	13308.64	
2/8/2022	4.27	3.64	4.92	6.27	ND		7.70	9.50	19.73	ND	ND		5.99	8.39		7.05	7.35	7.11	6.75	5.01	9.66	ND		19.81	3.01	4.24	10.26	10.64	2.78	3.71	2.19	0.48	0.00	1.96	0.50	0.08	0.00	0.00	4.27	2.25					
2/9/2022	4.54	3.79	4.96	6.33	ND		7.72	9.51	20.81	ND	ND		5.98	8.39		6.25	6.83	7.05	6.65	5.02	9.65	ND		20.82	3.01	4.23	10.28	10.64	1.71	3.04	2.09	0.32	0.00	1.93	0.49	0.01	0.00	0.00	4.30	2.25					
2/10/2022	4.67	3.81	4.96	6.33	ND		7.72	9.51	20.64	ND	ND		5.98	8.38		5.84	6.73	7.00	6.60	5.00	9.65	ND		20.65	3.01	4.23	10.28	10.64	1.17	2.92	2.04	0.27	0.00	1.93	0.49	0.01	0.00	0.00	4.30	2.26	25.90	3359.98	148.00	13456.64	
2/15/2022	4.24	3.58	4.77	6.18	ND		7.63	9.48	19.43	ND	ND		5.86	8.35		6.80	7.18	7.13	6.61	4.93	9.65	ND		19.46	2.88	4.13	10.19	10.64	2.56	3.60	2.36	0.43	0.00	2.02	0.52	0.03	0.00	0.00	4.33	2.29					
2/16/2022	4.50	3.68	4.80	6.21	ND		7.65	9.47	ND		ND		5.85	8.35		6.03	6.74	7.00	6.51	4.93	9.66	ND		19.13	2.88	4.13	10.18	10.65	1.53	3.06	2.20	0.30	0.00	2.01	0.53	0.00	0.00	0.00	4.33	2.30	25.90	3385.88	103.60	13560.24	
2/21/2022	4.18	3.54	4.73	6.24	ND		7.60	9.45	18.44	ND	ND		5.82	8.33		6.78	7.17	7.12	6.61	4.91	9.68	ND		18.47	2.84	4.10	10.14	10.64	2.60	3.63	2.39	0.37	0.00	2.08	0.55	0.03	0.00	0.00	4.32	2.31					
2/22/2022	4.57	3.69	4.80	6.19	ND		7.62	9.45	ND		ND		5.84	8.32		5.93	6.67	6.98	6.52	4.90	9.66	ND		19.78	2.84	4.11	10.15	10.64	1.36	2.98	2.18	0.33	0.00	2.04	0.55	0.00	0.00	0.00	4.31	2.32					
2/23/2022	4.67	3.76	4.82	6.21	ND		7.62	9.44	ND		ND		5.84	8.32		5.40	6.37	6.88	6.44	4.89	9.65	ND		19.45	2.85	4.11	10.13	10.64	0.73	2.61	2.06	0.23	0.00	2.03	0.56	0.00	0.00	0.00	4.29	2.32					
2/24/2022	4.68	3.82	4.83	6.22	ND		7.62	9.46	ND		ND		5.84	8.33		5.44	6.20	6.91	6.43	4.91	9.66	ND		19.10	2.83	4.10	10.13	10.64	0.76	2.38	2.08	0.21	0.00	2.04	0.54	0.00	0.00	0.00	4.29	2.31	40.70	3426.58	188.70	13748.94	
2/28/2022	4.36	3.58	4.77	6.19	ND		7.62	9.46	ND		ND		5.84	8.33		5.44	6.20	6.91	6.43	4.91	9.66	ND		19.10	2.87	4.16	10.12	10.64	1.08	2.62	2.14	0.24	0.00	2.04	0.54	0.00	0.00	0.00	4.28	2.31					
3/1/2022	4.57	3.76	4.79	6.21																																									

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 101033

CONDITIONS

Operator: Western Refining Southwest LLC 539 South Main Street Findlay, OH 45840	OGRID: 267595
	Action Number: 101033
	Action Type: [UF-DP] Discharge Permit (DISCHARGE PERMIT)

CONDITIONS

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