

# Transmittal Letter



**TO**  
Mike Bratcher  
EMNRD – Oil Conservation Division  
506 W. Texas Ave.  
Artesia, NM 88210

**FROM**  
Hugh Robotham  
432-217-2117

TX Engineering License # F-533  
TX Geoscientist License # 50158

**COPIES TO**  
Brian Noonan – OXY Glenn Springs Holdings, Inc.

**DATE**  
05/26/2026

**PROJECT NUMBER**  
30333392

**SUBJECT**  
Annual GWM Report for 2025 Submittal

### We are sending you:

| Copies | Date       | Drawing No. | Rev. | Description  | Action* |
|--------|------------|-------------|------|--|---------|
| 1      | 05/26/2026 |             |      | 2025 Annual Groundwater Monitoring Report<br>Indian Basin Gas Plant, Eddy County, New Mexico | F       |
|        |            |             |      |  |         |
|        |            |             |      |  |         |
|        |            |             |      |  |         |
|        |            |             |      |  |         |

### Action\*

- A Approved
- AN Approved as Noted
- AS As Requested
- Other: \_\_\_\_\_
- CR Correct and Resubmit
- F File
- FA For Approval
- Resubmit \_\_\_\_\_ Copies
- Return \_\_\_\_\_ Copies
- Review and Comment

### Mailing Method

- U.S. Postal Service 1<sup>st</sup> Class
- Certified/Registered Mail
- Other: \_\_\_\_\_
- Courier/Hand Delivery
- United Parcel Service (UPS)
- FedEx Priority Overnight
- FedEx Standard Overnight
- FedEx 2-Day Delivery
- FedEx Economy

### Comments:

**Attached is the 2025 annual groundwater monitoring report for the Indian Basin Gas Plant in Eddy County, New Mexico. Please let me know if you have any questions regarding the report.**



GLENN SPRINGS HOLDINGS, INC.  
1201 Lake Robbins Drive  
The Woodlands, Texas 77380  
832.636.3651  
Brian\_Noonan@oxy.com

**Mr. Mike Bratcher**

05.22.2026

EMNRD – Oil Conservation Division  
506 W. Texas Avenue  
Artesia, New Mexico 88210

**Re: Submittal of 2025 Annual Groundwater Monitoring Report**  
Indian Basin Gas Plant (AP-107)  
Eddy County, New Mexico

Dear Mr. Bratcher,

Glenn Springs Holdings, Inc. (a subsidiary of Occidental Petroleum Corporation) is submitting the attached Annual Groundwater Monitoring Report for the Indian Basin Gas Plant (AP-107) located in Eddy County, New Mexico.

As relayed to you in our May 11, 2026 letter, Hilcorp Permian, LLC (“Hilcorp”), Hilcorp is the new owner and operator of the Indian Basin Gas Plant (AP-107) located in Township 21 South, and portions of Range 23 East (Sections 13, 23, 24, 25 and 26) and Range 24 East (Sections 19 and 30), Eddy County, New Mexico. Therefore, any future communication regarding the environmental remediation or monitoring obligations at the gas plant should be directed to Hilcorp.

The contact person at Hilcorp is Matt Henderson. He can be reached at (713) 289-2970 or via email at mhenderson@hilcorp.com. If you have any questions regarding this matter, please feel free to contact me at (832) 636-3651 or via email at brian\_noonan@oxy.com.

Respectfully,

**Brian Noonan**

DIRECTOR OF OPERATIONS

GLENN SPRINGS HOLDINGS, INC.

✉ Brian\_Noonan@oxy.com

☎ 832.636.3651



OXY **GLENN SPRINGS HOLDINGS, INC.**

# 2025 ANNUAL GROUNDWATER MONITORING REPORT

Indian Basin Gas Plant  
Eddy County, New Mexico

May 2026

2025 Annual Groundwater Monitoring Report

**2025 ANNUAL  
GROUNDWATER  
MONITORING REPORT**

Indian Basin Gas Plant  
Eddy County, New Mexico



Hugh B. Robotham, P. E., P.G.  
Project Manager / Principal Hydrologist

Prepared for:  
Brian Noonan  
Director of Operations  
**OXY GLENN SPRINGS HOLDINGS, INC.**  
1201 Lake Robbins Drive  
The Woodlands, TX 77380



David B. Vance  
Technical Expert / Associate Vice President

Prepared by:  
Arcadis U.S., Inc.  
1004 North Big Spring Street  
Suite 121  
Midland  
Texas 79701  
Tel 432 687 5400  
Fax 432 687 5401

Our Ref.:  
30333392

Date:  
May 6, 2026

*This document is intended only for the use of the individual or entity for which it was prepared and may contain information that is privileged, confidential and exempt from disclosure under applicable law. Any dissemination, distribution or copying of this document is strictly prohibited.*

2025 Annual Groundwater Monitoring Report

**CONTENTS**

Acronyms and Abbreviations ..... iii

Executive Summary ..... 4

Introduction ..... 5

Background ..... 5

Groundwater and Condensate Gauging ..... 6

    Shallow Zone Aquifer ..... 6

    Lower Queen Aquifer ..... 7

    Precipitation Recharge ..... 7

Groundwater Sampling and Analysis ..... 8

    Shallow Zone Aquifer ..... 8

        BTEX Analysis ..... 8

        Wet Chemistry Analysis ..... 9

    Lower Queen Aquifer ..... 10

        BTEX Analysis ..... 10

        Wet Chemistry Analysis ..... 10

Summary ..... 10

    Groundwater Monitoring ..... 10

**TABLES**

- Table 1. Groundwater Monitoring Plan
- Table 2. Summary of Groundwater Gauging Results, July 2025
- Table 3. Summary of Groundwater Gauging Results, December 2025
- Table 4. Summary of Historical Rainfall
- Table 5. Summary of Analytical Results, July and December 2025

## 2025 Annual Groundwater Monitoring Report

### FIGURES

Figure 1. Site Location Map

Figure 2. Site Layout

Figure 3. Shallow Zone Groundwater Elevation Contours July 2025

Figure 4. Lower Queen Groundwater Elevation Contours July 2025

Figure 5. Shallow Zone BTEX, Chloride, and TDS July 2025

Figure 6. Lower Queen BTEX, Chloride, and TDS July and December 2025

Figure 7. Shallow Zone Groundwater Elevation Contours December 2025

Figure 8. Lower Queen Groundwater Elevation Contours December 2025

### APPENDICES

A Historic Groundwater Elevations

B Historical Analytical Data

C Laboratory Analytical Reports

D Laboratory Data Validation Report

E NMOCD Correspondence

2025 Annual Groundwater Monitoring Report

## ACRONYMS AND ABBREVIATIONS

|       |  |
|-------|--|
| BTEX  | Benzene, Toluene, Ethylbenzene, Xylene |
| IBGP  | Indian Basin Gas Plant                 |
| IBRP  | Indian Basin Remediation Project       |
| NMOCD | New Mexico Oil Conservation Division   |
| OXY   | OXY USA WTP Limited Partnership        |
| Site  | Indian Basin Gas Plant                 |
| TDS   | Total Dissolved Solids                 |

## 2025 Annual Groundwater Monitoring Report

## EXECUTIVE SUMMARY

This report documents the results for the July 2025 annual groundwater monitoring event and the December 2025 semi-annual gauging event and provides historical groundwater monitoring documentation. The 2025 annual groundwater monitoring event was conducted on July 22 and 23, 2025 and included the gauging of depth to groundwater and non-aqueous phase liquid thickness in 15 monitoring wells (seven in the Shallow Zone and eight in the Lower Queen) and sampling of monitoring wells for BTEX, TDS and chloride analyses. On December 1, 2025, semi-annual gauging of depth to groundwater and non-aqueous phase liquid thickness of 15 monitoring wells (seven in the Shallow Zone and eight in the Lower Queen) was conducted. MW-127 (Lower Queen Aquifer) was also sampled during the December groundwater gauging event due to issues with the pumping equipment encountered during the July 2025 sampling event resulting in the well not sampled in July.

Liquid-level measurements obtained from the wells in July and December 2025 and the surveyed well elevations were used to calculate groundwater elevations, with density corrections to the water level made where condensate was present. The resulting elevation data were used to generate groundwater piezometric contour maps for the Shallow Zone and Lower Queen aquifers. Review of these maps and the elevation data indicate Shallow Zone and Lower Queen groundwater flow was generally consistent with patterns observed in previous years. Flow in the Shallow Zone is to the southeast at an approximate gradient of 0.016 ft/f, and flow in the Lower Queen is generally to the northwest at an approximate gradient of 0.00104 ft/ft.

In July 2025, groundwater samples were collected from three Shallow Zone monitoring wells (MW-45, MW-49 and MW-106) and four Lower Queen monitoring wells (MW-66, MW-70, MW-88 and MW-111). MW-127 was sampled during the December 2025 groundwater gauging event. The purging and sampling techniques utilized low-flow procedures as approved by the New Mexico Oil Conservation District (NMOCD) and implemented in 2003. Shallow monitoring wells MW-14, MW-46 and MW-126 were not sampled because they did not contain sufficient volume of water for sampling, or the well was dry, and MW-126. Lower Queen monitoring wells MW-58, MW-81 and MW-113 were not sampled due to the presence of condensate in these monitoring wells.

- The analytical results indicate that BTEX was not detected in any of the sampled Shallow Zone monitoring wells. Also, no BTEX was detected in the five sampled Lower Queen wells.
- In general, TDS and chloride concentrations in the sampled Shallow Zone monitoring wells were within historical levels. The TDS and chloride concentrations in well MW-106 were within the NMOCD regulatory limits. The TDS in MW-49 (4,100 mg/L) exceeded the NMOCD regulatory limit of 1,000 mg/L. Chloride in MW-49 (292 mg/L) exceeded the NMOCD regulatory limit of 250 mg/L. The TDS and chloride concentrations in the sampled Lower Queen wells were all below NMOCD regulatory limits. MW-111 had TDS of 1,120 mg/L (above the NMOCD standard) in 2023 but was below the regulatory limit in 2024 and 2025 with concentrations of 614 mg/L and 648 mg/L, respectively.

## 2025 Annual Groundwater Monitoring Report

### INTRODUCTION

Arcadis prepared this Annual Groundwater Monitoring report on behalf of OXY USA WTP Limited Partnership (Oxy) for the Indian Basin Remediation Project (IBRP) at the Indian Basin Gas Plant located in Eddy County, New Mexico. This report contains the results of the July 2025 annual groundwater monitoring event, the semi-annual groundwater gauging event conducted in December 2025 and includes historical groundwater monitoring data. This report is prepared in accordance with the groundwater monitoring requirements outlined in correspondence by the New Mexico Energy, Minerals, and Natural Resources Department, New Mexico Oil Conservation Division (NMOCD) to Marathon Oil Company dated February 20, 2009, prior to OXY operating the facility.

It is noted that as of May 1, 2026, Hilcorp Permian, LLC (Hilcorp) is the new owner and operator of the Indian Basin Gas Plant. By the terms of the Purchase and Sales Agreement between Oxy and Hilcorp, all environmental obligations and liabilities of Oxy have been assumed by Hilcorp. Therefore, any future communication regarding the ongoing monitoring should be directed to Hilcorp.

### BACKGROUND

As noted in earlier annual groundwater monitoring reports, the IBGP (site) is located approximately 20 miles northwest of Carlsbad, New Mexico, as shown on Figure 1. The site is situated in Township 21 South, Eddy County, and occupies portions of Range 23 East (Sections 13, 23, 24, 25, and 26) and Range 24 East (Sections 19 and 30). Remediation efforts at the site were initiated in April 1991 and were designed to remove separate-phase petroleum hydrocarbons present in the subsurface, primarily condensate.

The geologic strata immediately underlying the site is comprised of two distinct zones, both with saturated and unsaturated strata. The two geologic units are referred to as the Shallow Zone and the Lower Queen. Prior to March 2003, there were a total of 150 wells (78 Shallow Zone and 72 Lower Queen) and two shallow sumps present at the site related to the IBRP. However, with NMOCD approval, 39 Shallow Zone wells were plugged and abandoned in March 2003, reducing the well total to 111 wells and two shallow sumps. The remaining wells and two sumps were used for a combination of groundwater monitoring, groundwater and condensate recovery, treated groundwater infiltration and condensate vapor extraction.

A report entitled "Evaluation of Natural Attenuation, Indian Basin Remediation Project, Eddy County, New Mexico" was submitted to the NMOCD in May 2008. The report described the natural attenuation processes occurring at the site and recommended closure of the IBRP. In addition, a letter entitled "Proposed Indian Basin Remediation Project Well Plugging Program" was submitted to the NMOCD in February 2009. The NMOCD responded to the May 2008 report and February 2009 plugging program letter in correspondence dated February 20, 2009. In the February 20, 2009 correspondence, the NMOCD stated that the report and well plugging request were substantially acceptable to the OCD and conditionally approved the discontinuance of active remediation at the site. However, the NMOCD required at least annual groundwater monitoring for BTEX, TDS and chloride for a total of 15 wells, and semi-annual gauging of depth to groundwater and non-aqueous phase liquid thickness. Additionally, the NMOCD required that an annual groundwater monitoring report be submitted. The NMOCD correspondence is included in Appendix E.

## 2025 Annual Groundwater Monitoring Report

In March and April 2009, a total of 95 wells (including the two shallow sumps) were plugged and abandoned. Three water supply wells (SW-1, SW-2 and SW-3) originally included in the proposed plugging program were not plugged, because they were needed to supply water for site operations. A report documenting the well plugging activities was submitted to the NMOCD in June 2009. The NMOCD approved the plugging report through email correspondence dated June 17, 2009 (Appendix E).

Table 1 lists the 15 wells currently in the groundwater monitoring program and monitoring requirements. Figure 2 depicts the site layout, including the locations of the remaining Shallow Zone and Lower Queen wells. Additional details regarding local and regional geology and hydrogeology are presented in the report entitled "Comprehensive Site Characterization Report for the IBRP", submitted to the NMOCD in December 1998.

## GROUNDWATER AND CONDENSATE GAUGING

Groundwater gauging was conducted in July and December 2025. The gauging events consisted of collecting liquid-level measurements from the wells listed in Table 1 for both the Shallow Zone and Lower Queen. The results of the gauging events and precipitation (rainfall) information are discussed in the following sections. A summary of the July 2025 groundwater gauging results is provided in Table 2 and the December 2025 groundwater gauging results are summarized in Table 3. Historical groundwater gauging data for the monitoring wells at the site are presented in Appendix A.

### Shallow Zone Aquifer

Seven monitoring wells completed in the Shallow Zone were gauged during the July 2025 and November 2024 events. The liquid-level measurements and the top of casing elevations for the wells were used to calculate the groundwater elevation at each well. Density corrections to the water level elevations were made for wells containing condensate.

From November 2024 to July 2025, groundwater elevations (including density corrections for condensate, if present) decreased in all the Shallow Zone wells MW-46 except MW-106 in which the water level elevation increased by 1.11 feet. The decline in the water level elevations in the Shallow Zone wells ranged from 0.04 feet in MW-77 to 0.90 feet in MW-45. MW-126 was dry in July 2025, which reflects a decline in the water level elevation in this well of at least 1.36 feet. During the July 2025 event, no measurable condensate thickness was detected in any of the Shallow Zone monitoring wells. Historically, MW-126 has had condensate thicknesses ranging up to 3.96 feet.

From July to December 2025, groundwater elevations (including density corrections for condensate, if present) increased in Shallow Zone wells MW-14 (+0.238 ft.), MW-49 (+0.37 ft), MW-77 (+0.02 ft) and MW-106 (+0.05 ft). The groundwater elevation in MW-46 decreased from July to December 2025 by 0.03 feet. MW-45 had a blockage in the well thereby hindering measurement of the water level. MW-126 was dry in July 2025 but had a water level of 69.93 feet in December 2025 reflecting at least a 0.56-foot rise in the water level in this well. During the December 2025 water level gauging event, no condensate was detected in any of the Shallow Zone monitoring wells.

Groundwater elevation contour maps were prepared using the July 2025 and December 2025 groundwater elevation data (Figures 3 and 7). As shown on these figures, the observed groundwater flow

## 2025 Annual Groundwater Monitoring Report

direction in the Shallow Zone is southeast at an approximate gradient of 0.016 ft./ft. The flow direction and gradient are generally consistent with historical patterns.

### Lower Queen Aquifer

The eight monitoring wells completed in the Lower Queen were gauged during the July and December 2025 sampling events. The liquid-level measurements and the top of casing elevations for the wells were then used to calculate the groundwater elevation at each well. Density corrections to the water level were made as required where condensate was present.

During the July 2025 gauging event, trace condensate was observed in Lower Queen monitoring wells MW-58 and MW-113. MW-81 had condensate thickness of 0.18 feet. Historically, condensate thicknesses ranged from 0 to 5.26 feet in MW-58, 0 to 12.08 feet in MW-81 and 0 to 0.88 feet in MW-113. The water level elevation in MW-58 has experienced broad fluctuations over the latter part of 2015 to the gauging events in 2024. These fluctuations were much more subdued in 2025 which reflected only a 2.53-foot change during the year. As discussed in earlier annual reports, the cause of this fluctuation is possibly due to measurement interference created by biomass in the well which was reported historically for the gauging events conducted in 2001. During the December 2025 gauging event, trace condensate was observed in MW-58. MW-81 and MW-113 contained condensate thickness of 0.04 feet and 0.01 feet, respectively.

From November 2024 to July 2025, the groundwater elevation (including density corrections for condensate, if present) increased in all the Lower Queen monitoring wells except MW-127. The groundwater elevation increase ranged from 0.14 feet in MW-81 to 2.53 feet in MW-58. The water level elevation decreased by 0.12 feet in MW-127.

From July to December 2025, groundwater elevations (including density corrections for condensate, if present) decreased in all Lower Queen monitoring wells except MW-58. The decrease in the groundwater elevations in the remaining six wells ranged from 0.06 feet in MW-127 to 0.54 feet in MW-113. The groundwater elevation rose in MW-58 by 1.6 feet.

Groundwater elevation contour maps were prepared based on the July and December 2025 groundwater elevation data (Figures 4 and 8). As shown on these figures, the observed groundwater flow direction in the Lower Queen is generally to the northwest at an approximate gradient of 0.00104 ft./ft. The flow direction is generally consistent with the historical pattern, and the gradient is at the low end of the historical range.

### Precipitation Recharge

Table 4 summarizes monthly rainfall for the area during 2025 along with historical precipitation since 1994. From 1994 through 2006, the precipitation records were from the Indian Basin Gas Plant. For the years 2007 through 2025, the precipitation records are from a weather station located in Carlsbad, New Mexico. The site has historically received the highest amount of precipitation from June through October. The average annual rainfall measured over the past five years (2021 to 2025) was approximately 9.15 inches, which is below the long-term average for the area of approximately 10.30 inches per year. During 2025, data from the Carlsbad station indicated that the highest amount of precipitation was received in June (2.35 inches) with a total of 8.81 inches reported for the year (1.49 inches below the long-term

## 2025 Annual Groundwater Monitoring Report

average). The 4.60 inches of total rainfall in 2020 was the lowest recorded in the last 13 years (5.17 inches were recorded in 2024 and 5.84 inches in 2011).

In general, water levels in both the Shallow Zone and the Lower Queen tend to rise in the Fall months and decline in the Spring / Summer months which corresponds to the observed rainfall pattern of greater amount of rainfall / precipitation in the second half of the year than the first half of the year. For 2025, the water levels in the Shallow Zone reflected this pattern. The water levels in the Lower Queen generally declined through July 2025 and increased in the Fall generally reflecting the historical trend.

## GROUNDWATER SAMPLING AND ANALYSIS

In a letter dated February 20, 2009 (Appendix E), the NMOCD required annual groundwater monitoring for BTEX, TDS and chloride for seven Shallow Zone and eight Lower Queen monitoring wells. Arcadis' personnel conducted the 2025 annual groundwater sampling event at the site on July 22 and 23, 2025. MW-127 was sampled on December 2, 2025, due to pumping equipment issues encountered during the July 2025 sampling event resulting in the well not being sampled then. All samples were collected using low flow purging and sampling techniques.

The groundwater samples collected were placed in laboratory-provided sample containers appropriate for the specified laboratory analysis. Each sample container was properly labelled with a unique sample identification number and placed on ice in a laboratory-provided sample cooler and shipped by overnight delivery to ALS Environmental in Houston, Texas for analysis. A properly completed chain-of-custody (COC) form accompanied each cooler containing the samples. The COC showed the sample number, the time of collection, the sample preservative and the analyses to be performed.

Table 5 summarizes the BTEX, chloride and TDS analytical results for the July and December 2025 sampling events. Summaries of historical BTEX, TDS and chloride analytical data are presented in Appendix B. The complete laboratory analytical report for the annual groundwater sampling event in 2024 is contained in Appendix C. GHD performed the data validation of the laboratory data for the June 2024 sampling event. A copy of the data validation report is contained in Appendix D.

The groundwater monitoring analytical results for both the Shallow Zone and Lower Queen are discussed in the following sections.

### Shallow Zone Aquifer

#### BTEX Analysis

Groundwater samples were collected from three Shallow Zone monitoring wells (MW-45, MW-49 and MW-106) for the July 2025 sampling event. MW-77 was sampled and analyzed for chloride and TDS only and not BTEX due to a dark-colored foreign matter found in the well. MW-14, MW-46 and MW-126 were not sampled because they did not contain sufficient volume of water for sampling or were dry. The results of the BTEX laboratory analysis of the Shallow Zone groundwater samples are summarized as follows:

- Benzene was not detected in the three monitoring wells sampled (MW-45, MW-49 and MW-106).

## 2025 Annual Groundwater Monitoring Report

- Benzene had occasionally been detected in MW-49 over the last five years, but none was detected in 2025.
- BTEX was not detected in any of the remaining Shallow Zone monitoring wells for the 2025 sampling events.

Figure 5 depicts the concentrations of dissolved BTEX compounds in the Shallow Zone monitor wells in July / December 2025. As indicated by the historical data in Appendix B, BTEX concentrations in this water-bearing zone have generally remained stable or declined over time.

### Wet Chemistry Analysis

In addition to BTEX analysis, groundwater samples collected in 2025 from the Shallow Zone monitoring wells were analyzed for TDS and chloride. The results for TDS and chloride are summarized as follows:

- TDS concentration in MW-106 (258 mg/L) was below the NMOCD standard and generally below the previous historical concentration range of 350 mg/L to 540 mg/L.
- TDS concentrations were detected above the NMOCD standard in the three remaining Shallow Zone monitoring well sampled (MW-45, MW-46 and MW-77) in 2025. The TDS concentration in MW-45 of 10,000 mg/L was the highest historically and well above the historical range of 2,540 mg/L to 6,480 mg/L. The TDS in MW-49 (4,100 mg/L) was within the historical range of 2,600 mg/L to 5,220 mg/L recorded for this well. The TDS in MW-77 was 660 mg/L which is within the historical range of 467 mg/L to 1,110 mg/L.
- As mentioned earlier, MW-14, MW-46 and MW-126 were not sampled during the July 2025 sampling event because they did not contain enough water for sample collection. MW-14 and MW-46 monitoring wells were also not sampled in June 2021, June 2022, June 2023 and June 2024 for the same reason. TDS was detected in MW-14 and MW-46 for the sampling event performed in 2019 and 2020. MW-45 was not sampled in 2024 due to obstructions encountered in the well (roots). During the 2023 sampling event, TDS of 5,380 mg/L were detected in this well, which was within the historical range of 2,540 mg/L to 6,480 mg/L.
- The chloride concentration in MW-106 (4.31 mg/L) was well below the NMOCD standard and within the historical range of 2.3 mg/L to 12 mg/L.
- A chloride concentration of 498 mg/L was detected in MW-45 which is above the NMOCD standard of 250 mg/L and represents an increase in concentration from 266 mg/L in 2023 and 313 mg/L in 2022, but above the NMOCD standard.
- The chloride concentration in MW-49 was 292 mg/L in 2025 and 294 mg/L in 2024, which represents a decrease in concentration from 317 mg/L in 2023. The historical chloride concentration range in MW-49 is 36 mg/L (1996) to 570 mg/L (2003).

A summary of the TDS and chloride analytical results for 2025 is provided in Table 5. Appendix B contains a summary of the historical chloride and TDS data. A Copy of the analytical laboratory report for 2025 is included in Appendix C. Figure 5 depicts TDS and chloride concentrations in the Shallow Zone wells sampled in 2025.

## 2025 Annual Groundwater Monitoring Report

### Lower Queen Aquifer

#### BTEX Analysis

Groundwater samples were collected from five Lower Queen monitoring wells (MW-66, MW-70, MW-88, MW-111 and MW-127) in July 2025 or December 2025. Samples were not collected from MW-58, MW-81 and MW-113 due to the presence of condensate in the wells. No BTEX was detected in any of the five sampled Lower Queen monitoring wells in 2025, 2024, 2023 and 2022. Figure 6 shows the concentrations of dissolved BTEX compounds in the Lower Queen monitor wells sampled in 2025.

#### Wet Chemistry Analysis

In addition to BTEX analysis, groundwater samples were collected in July 2025 from the Lower Queen monitoring wells MW-66, MW-70, MW-88, MW-111 and MW-127 and analyzed for TDS and chlorides. The results are summarized as follows:

- TDS concentrations were below the NMOCD standard of 1,000 mg/L in all samples collected from the Lower Queen monitoring wells. The TDS in MW-111 has historically been less than 1,000 mg/L, ranging from 616 mg/L to 900 mg/L. In 2023 the TDS increased to 1,120 mg/L, but it was 648 mg/L in 2025. The TDS concentration in MW-88 was 916 mg/L in 2025 which was a decline from 1,020 in 2022. Historically, the TDS in this well ranged from 750 mg/L to 1,030 mg/L. For 2025, the TDS concentrations for the Lower Queen monitoring wells ranged from 370 mg/L in MW-70 to 916 mg/L in MW-88. The historical TDS range for the Lower Queen monitor wells is 14 mg/L to 1,750 mg/L.
- Chloride concentrations were well below the NMOCD standard of 250 mg/L in all five samples collected from the Lower Queen monitoring wells in 2025. The chloride concentrations ranged from 8.64 mg/L in MW-66 to 34.2 mg/L in MW-111. The historical range for TDS in the Lowr Queen monitoring wells is less than 5 mg/L to 175 mg/L.

A summary of the laboratory analysis data for TDS and chloride is provided in Table 5. Appendix B contains a summary of the historical TDS and chloride data. A copy of the analytical laboratory report is included in Appendix C. Figure 6 depicts TDS and chlorides in the Lower Queen monitoring wells sampled in 2025.

### SUMMARY

#### Groundwater Monitoring

Results of the annual groundwater monitoring and gauging events conducted in July and December 2025 indicate similar groundwater conditions present as in prior years. Wells containing trace or measurable condensate in July and December 2025 were consistent with historical results. The analytical results for BTEX, chloride and TDS were similar to the historical data for the sampled wells.

No BTEX was detected in any of the Shallow Zone monitor wells or any of the Lower Queen monitor wells in 2025. This demonstrates that the native assimilative capacity from sulfate in the groundwater is supporting native microbial populations that are controlling (via biodegradation) dissolved phase

2025 Annual Groundwater Monitoring Report

hydrocarbons that enter the groundwater system from isolated trace concentrations of free phase condensate.

# TABLES



Table 1. Groundwater Monitoring Plan  
 OXY USA WTP Limited Partnership, Indian Basin Gas Plant  
 Eddy County, New Mexico.

**Shallow Zone Sampling Schedule**

| Well ID | Spring              |                              | Fall                |
|---------|---------------------|------------------------------|---------------------|
|         | Annual              | Analytical Parameters Annual | Semi-Annual         |
| MW-14   | Groundwater Gauging | BTEX, Chloride, TDS          | Groundwater Gauging |
| MW-45   | Groundwater Gauging | BTEX, Chloride, TDS          | Groundwater Gauging |
| MW-46   | Groundwater Gauging | BTEX, Chloride, TDS          | Groundwater Gauging |
| MW-49   | Groundwater Gauging | BTEX, Chloride, TDS          | Groundwater Gauging |
| MW-77   | Groundwater Gauging | BTEX, Chloride, TDS          | Groundwater Gauging |
| MW-106  | Groundwater Gauging | BTEX, Chloride, TDS          | Groundwater Gauging |
| MW-126  | Groundwater Gauging | BTEX, Chloride, TDS          | Groundwater Gauging |

**Lower Queen Sampling Schedule**

| Well ID | Spring              |                              | Fall                |
|---------|---------------------|------------------------------|---------------------|
|         | Annual              | Analytical Parameters Annual | Semi-Annual         |
| MW-58   | Groundwater Gauging | BTEX, Chloride, TDS          | Groundwater Gauging |
| MW-66   | Groundwater Gauging | BTEX, Chloride, TDS          | Groundwater Gauging |
| MW-70   | Groundwater Gauging | BTEX, Chloride, TDS          | Groundwater Gauging |
| MW-81   | Groundwater Gauging | BTEX, Chloride, TDS          | Groundwater Gauging |
| MW-88   | Groundwater Gauging | BTEX, Chloride, TDS          | Groundwater Gauging |
| MW-111  | Groundwater Gauging | BTEX, Chloride, TDS          | Groundwater Gauging |
| MW-113  | Groundwater Gauging | BTEX, Chloride, TDS          | Groundwater Gauging |
| MW-127  | Groundwater Gauging | BTEX, Chloride, TDS          | Groundwater Gauging |

Notes:

TDS Total Dissolved Solids  
 BTEX Benzene, Toluene, Ethylbenzene, and Total Xylenes

Table 2. Summary of Groundwater Gauging Results, July 2025  
 Semi-Annual Groundwater Gauging Event  
 OXY USA WTP Limited Partnership, Indian Basin Gas Plant, Eddy County, New Mexico.

| Well Number         | Well Diameter (in) | Northing                  | Easting     | Total Depth From TOC (ft) | Top of Casing (ft amsl) | Top of Casing Stickup (ft agl) | DTW (feet) | DTP (feet) | PT (feet) | PT x 0.73 (feet) | ADJ DTW (feet) | WL Elev (ft amsl) | Comments                         |
|---------------------|--------------------|---------------------------|-------------|---------------------------|-------------------------|--------------------------------|------------|------------|-----------|------------------|----------------|-------------------|----------------------------------|
|                     |                    | NAD 27 Con hddd,mm',ss.s" |             |                           |                         |                                |            |            |           |                  |                |                   |                                  |
| <b>Shallow Zone</b> |                    |                           |             |                           |                         |                                |            |            |           |                  |                |                   |                                  |
| MW-14               | 4                  | 32 27 44.3                | 104 34 00.9 | 24.45                     | 3803.61                 | 2.08                           | 23.82      | ---        | ---       | ---              | ---            | 3779.79           | Not enough water to sample       |
| MW-45               | 2                  | 32 28 01.1                | 104 34 08.7 | 26.52                     | 3808.68                 | 1.60                           | 22.5       | ---        | ---       | ---              | ---            | 3786.18           |                                  |
| MW-46               | 4                  | 32 27 56.7                | 104 34 05.8 | 19.72                     | 3805.54                 | 1.90                           | 19.43      | ---        | ---       | ---              | ---            | 3786.11           | Not enough water to sample       |
| MW-49               | 2                  | 32 27 57.6                | 104 33 59.9 | 26.45                     | 3805.61                 | 1.90                           | 23.78      | ---        | ---       | ---              | ---            | 3781.83           |                                  |
| MW-77               | 7.875              | 32 27 27.3                | 104 33 25.0 | 90.85                     | 3775.48                 | 2.38                           | 80.50      | ---        | ---       | ---              | ---            | 3694.98           |                                  |
| MW-106              | 4                  | 32 26 57.0                | 104 32 26.4 | 97.84                     | 3721.97                 | 2.61                           | 88.70      | ---        | ---       | ---              | ---            | 3633.27           |                                  |
| MW-126              | 4                  | 32 27 48.2                | 104 33 49.9 | 70.48                     | 3796.28                 | 3.33                           | --         | ---        | ---       | ---              | ---            | ---               | Well Dry                         |
| <b>Lower Queen</b>  |                    |                           |             |                           |                         |                                |            |            |           |                  |                |                   |                                  |
| MW-58               | 7.875              | 32 28 04.5                | 104 33 28.5 | NR                        | 3824.07                 | 3.48                           | 183.25     | ---        | ---       | ---              | ---            | 3640.82           | Trace condensate present         |
| MW-66               | 4                  | 32 28 19.1                | 104 33 28.5 | 232.26                    | 3828.98                 | 2.60                           | 204.82     | ---        | ---       | ---              | ---            | 3624.16           |                                  |
| MW-70               | 4                  | 32 27 18.8                | 104 34 05.5 | 236.14                    | 3822.57                 | 2.71                           | 197.71     | ---        | ---       | ---              | ---            | 3624.86           |                                  |
| MW-81               | 7.875              | 32 28 04.3                | 104 33 19.5 | NR                        | 3817.03                 | 3.98                           | 190.70     | 190.52     | 0.18      | 0.13             | 190.57         | 3626.46           | Condensate present               |
| MW-88               | 4                  | 32 28 25.3                | 104 32 55.6 | 182.43                    | 3789.70                 | 2.71                           | 165.40     | ---        | ---       | ---              | ---            | 3624.30           |                                  |
| MW-111              | 4                  | 32 28 15.9                | 104 34 06.1 | 239.42                    | 3824.44                 | 1.85                           | 200.92     | ---        | ---       | ---              | ---            | 3623.52           |                                  |
| MW-113              | 7.875              | 32 27 16.3                | 104 33 32.1 | NR                        | 3772.67                 | 1.82                           | 147.17     | ---        | ---       | ---              | ---            | 3625.50           | Trace condensate                 |
| MW-127              | 8.25               | 32 28 00.8                | 104 33 58.8 | 254.43                    | 3825.17                 | 2.63                           | 201.21     | ---        | ---       | ---              | ---            | 3623.96           | (Need to collect sample in fall) |

Foot Notes: TOC Top of Casing PT Product Thickness  
 DTW Depth to Water ADJ DTW Adjusted Depth to Water  
 DTP Depth to Product WL Water Level

Table 3. Summary of Groundwater Gauging Results, December 1-2, 2025  
 Semi-Annual Groundwater Gauging Event  
 OXY USA WTP Limited Partnership, Indian Basin Gas Plant, Eddy County, New Mexico.

| Well Number         | Well Diameter (in) | Northing                  | Easting     | Total Depth From TOC (ft) | Top of Casing (ft amsl) | Top of Casing Stickup (ft agl) | DTW (feet) | DTP (feet) | PT (feet) | PT x 0.73 (feet) | ADJ DTW (feet) | WL Elev (ft amsl) | Comments                  |
|---------------------|--------------------|---------------------------|-------------|---------------------------|-------------------------|--------------------------------|------------|------------|-----------|------------------|----------------|-------------------|---------------------------|
|                     |                    | NAD 27 Con hddd,mm',ss.s" |             |                           |                         |                                |            |            |           |                  |                |                   |                           |
| <b>Shallow Zone</b> |                    |                           |             |                           |                         |                                |            |            |           |                  |                |                   |                           |
| MW-14               | 4                  | 32 27 44.3                | 104 34 00.9 | 24.45                     | 3803.61                 | 2.08                           | 23.59      | ---        | ---       | ---              | ---            | 3780.02           |                           |
| MW-45               | 2                  | 32 28 01.1                | 104 34 08.7 | 26.53                     | 3808.68                 | 1.60                           | --         | ---        | ---       | ---              | ---            | ND                |                           |
| MW-46               | 4                  | 32 27 56.7                | 104 34 05.8 | 19.72                     | 3805.54                 | 1.90                           | 19.46      | ---        | ---       | ---              | ---            | 3786.08           |                           |
| MW-49               | 2                  | 32 27 57.6                | 104 33 59.9 | 26.44                     | 3805.61                 | 1.90                           | 23.41      | ---        | ---       | ---              | ---            | 3782.20           |                           |
| MW-77               | 7.875              | 32 27 27.3                | 104 33 25.0 | 90.84                     | 3775.48                 | 2.38                           | 80.48      | ---        | ---       | ---              | ---            | 3695.00           |                           |
| MW-106              | 4                  | 32 26 57.0                | 104 32 26.4 | 97.84                     | 3721.97                 | 2.61                           | 88.65      | ---        | ---       | ---              | ---            | 3633.32           |                           |
| MW-126              | 4                  | 32 27 48.2                | 104 33 49.9 | 70.49                     | 3796.28                 | 3.33                           | 69.93      | ---        | ---       | ---              | ---            | 3726.35           |                           |
| <b>Lower Queen</b>  |                    |                           |             |                           |                         |                                |            |            |           |                  |                |                   |                           |
| MW-58               | 7.875              | 32 28 04.5                | 104 33 28.5 | --                        | 3824.07                 | 3.48                           | 181.65     | ---        | ---       | ---              | ---            | 3642.42           | Trace condensate present. |
| MW-66               | 4                  | 32 28 19.1                | 104 33 28.5 | 232.25                    | 3828.98                 | 2.60                           | 205.24     | ---        | ---       | ---              | ---            | 3623.74           |                           |
| MW-70               | 4                  | 32 27 18.8                | 104 34 05.5 | 236.15                    | 3822.57                 | 2.71                           | 197.85     | ---        | ---       | ---              | ---            | 3624.72           |                           |
| MW-81               | 7.875              | 32 28 04.3                | 104 33 19.5 | --                        | 3817.03                 | 3.98                           | 190.75     | 190.71     | 0.04      | 0.03             | 190.72         | 3626.31           | Condensate present.       |
| MW-88               | 4                  | 32 28 25.3                | 104 32 55.6 | 182.44                    | 3789.70                 | 2.71                           | 165.68     | ---        | ---       | ---              | ---            | 3624.02           |                           |
| MW-111              | 4                  | 32 28 15.9                | 104 34 06.1 | 239.43                    | 3824.44                 | 1.85                           | 201.13     | ---        | ---       | ---              | ---            | 3623.31           |                           |
| MW-113              | 7.875              | 32 27 16.3                | 104 33 32.1 | --                        | 3772.67                 | 1.82                           | 147.72     | 147.71     | 0.01      | 0.01             | 147.71         | 3624.96           | Condensate present.       |
| MW-127              | 8.25               | 32 28 00.8                | 104 33 58.8 | 254.42                    | 3825.17                 | 2.63                           | 201.27     | ---        | ---       | ---              | ---            | 3623.90           |                           |

Foot Notes: TOC Top of Casing PT Product Thickness  
 DTW Depth to Water ADJ DTW Adjusted Depth to Water  
 DTP Depth to Product WL Water Level

Table 4. Summary of Historical Rainfall with Monthly Rainfall During 2025  
 OXY USA WTP Limited Partnership, Indian Basin Gas Plant  
 Eddy County, New Mexico.

| Historical Rainfall          |                   |
|------------------------------|-------------------|
| Year                         | Rainfall (inches) |
| 1994                         | 9.31              |
| 1995                         | 7.84              |
| 1996                         | 16.60             |
| 1997                         | 10.65             |
| 1998                         | 3.95              |
| 1999                         | 4.70              |
| 2000                         | 9.75              |
| 2001                         | 6.02              |
| 2002                         | 12.70             |
| 2003                         | 7.58              |
| 2004                         | 26.96             |
| 2005                         | 11.16             |
| 2006                         | 17.49             |
| 2007                         | 19.02*            |
| 2008                         | 9.39*             |
| 2009                         | 11.96*            |
| 2010                         | 17.32*            |
| 2011                         | 5.84*             |
| 2012                         | 11.14*            |
| 2013                         | 11.38*            |
| 2014                         | 23.53*            |
| 2015                         | 16.49*            |
| 2016                         | 11.96*            |
| 2017                         | 12.38*            |
| 2018                         | 11.16*            |
| 2019                         | 12.76*            |
| 2020                         | 4.6*              |
| 2021                         | 15.56*            |
| 2022                         | 10.15*            |
| 2023                         | 6.07*             |
| 2024                         | 5.17*             |
| 2025                         | 8.81              |
| Monthly Rainfall During 2025 |                   |
| Month                        | Rainfall (inches) |
| January                      | 0.17              |
| February                     | 0.00              |
| March                        | 0.00              |
| April                        | 1.05              |
| May                          | 1.40              |
| June                         | 2.35              |
| July                         | 1.23              |
| August                       | 0.21              |
| September                    | 1.10              |
| October                      | 0.15              |
| November                     | 0.23              |
| December                     | 0.92              |
| 2025 Annual Total            | 8.81              |

Source: Rain gauge at Indian Basin Gas Plant  
 \*Changed in 2007 to a station located in Carlsbad, NM

Table 5. Summary of Analytical Results, July and December 2025  
 Annual Groundwater Sampling Event  
 OXY USA WTP Limited Partnership, Indian Basin Gas Plant, Eddy County, New Mexico.

| Well ID                      | Sample Date | Analytical Parameters                            |                |                     |                |                 |              |
|------------------------------|-------------|--|----------------|---------------------|----------------|-----------------|--------------|
|                              |             | Benzene (ug/L)                                   | Toluene (ug/L) | Ethylbenzene (ug/L) | Xylenes (ug/L) | Chloride (mg/L) | TDS (mg/L)   |
| <b>OCD Regulatory Limits</b> |             | <b>10</b>  | <b>750</b>     | <b>750</b>          | <b>620</b>     | <b>250</b>      | <b>1,000</b> |
| <b>Shallow Zone Wells</b>    |             |  |                |                     |                |                 |              |
| MW-14                        |             | Not Sampled - not enough water to collect sample |                |                     |                |                 |              |
| MW-45                        | 7/23/2025   | <1.0   | <2.0           | <2.0                | <6.0           | 498             | 10,100       |
| MW-46                        |             | Not Sampled - not enough water to collect sample |                |                     |                |                 |              |
| MW-49                        | 7/23/2025   | <1.0   | <2.0           | <2.0                | <6.0           | 292             | 4,100        |
| MW-77                        | 7/22/2025   | NS   | NS             | NS                  | NS             | 52.8            | 660          |
| MW-106                       | 7/22/2025   | <1.0   | <2.0           | <2.0                | <6.0           | 4.31            | 258          |
| MW-126                       |             | Not Sampled - well contained condensate          |                |                     |                |                 |              |
| <b>Lower Queen Wells</b>     |             |  |                |                     |                |                 |              |
| MW-58                        |             | Not Sampled - well contained condensate          |                |                     |                |                 |              |
| MW-66                        | 7/23/2025   | <1.0   | <2.0           | <2.0                | <6.0           | 8.64            | 752          |
| MW-70                        | 7/22/2025   | <1.0   | <2.0           | <2.0                | <6.0           | 10.4            | 370          |
| MW-81                        |             | Not Sampled - well contained condensate          |                |                     |                |                 |              |
| MW-88                        | 7/23/2025   | <1.0   | <2.0           | <2.0                | <6.0           | 27.4            | 916          |
| MW-111                       | 7/22/2025   | <1.0   | <2.0           | <2.0                | <6.0           | 34.2            | 648          |
| MW-113                       |             | Not Sampled - well contained condensate          |                |                     |                |                 |              |
| MW-127                       | 12/2/2025   | <1.0   | <2.0           | <2.0                | <6.0           | 8.7             | 772          |

Notes:

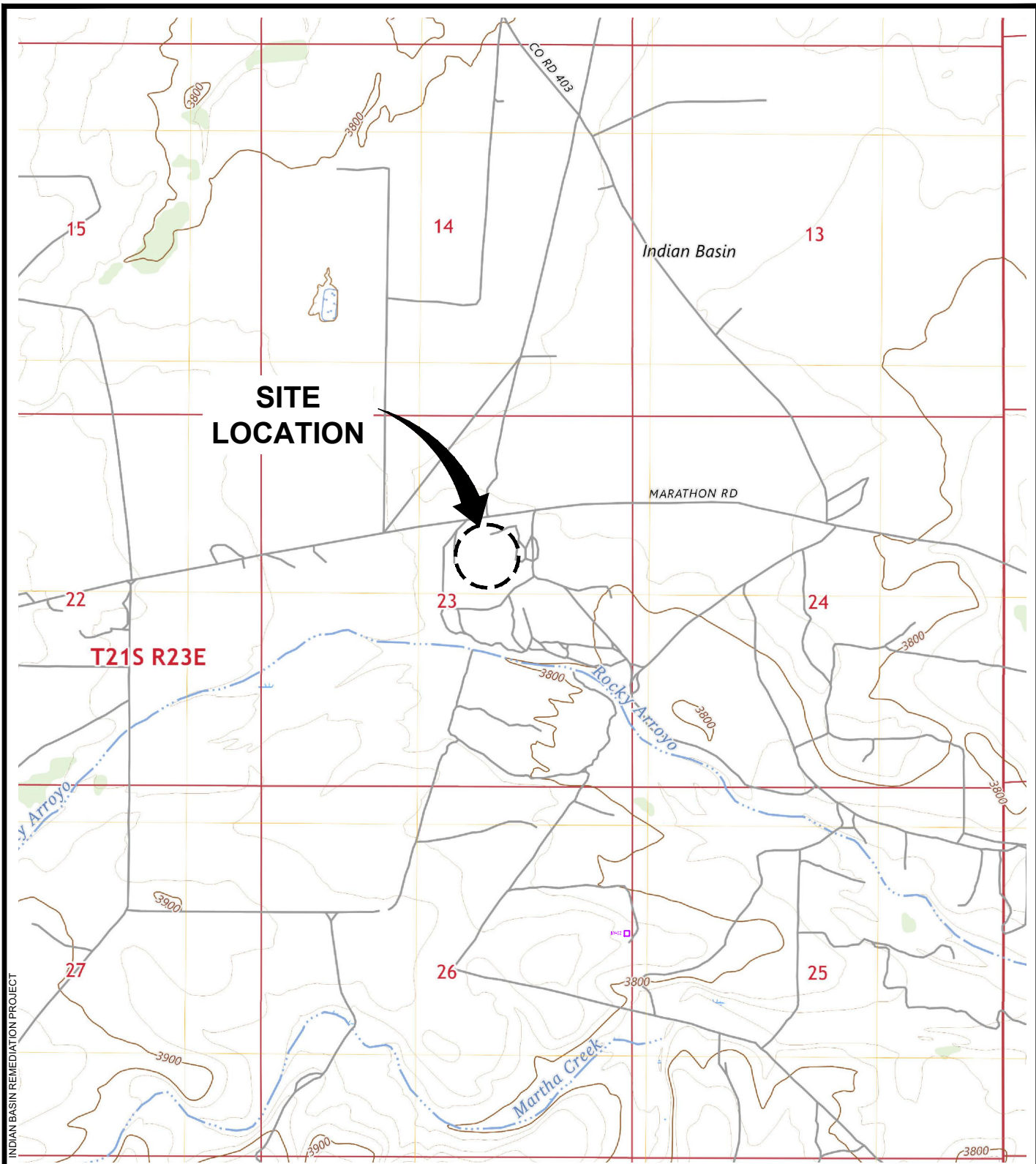
|      |   |
|------|---|
| ug/L | Micrograms per liter  |
| mg/L | Milligrams per liter  |
| <5   | Compound below the laboratory detection limit                           |
| 6    | Indicates result above the detection limit and below the NMOCD standard |
| 16   | Indicates result at/above the NMOCD standard                            |

# FIGURES

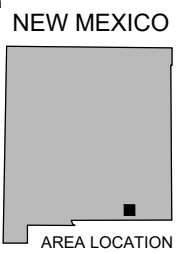
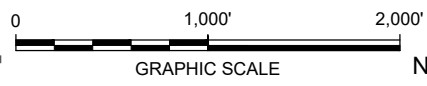


C:\Users\lp717\OneDrive\Arcadis\ACC\_US\IAUS-99999999-OXY\_INDIAN BASIN\_EDDY CO\_NMI\Project Files\10\_WIP\101\_T\_ARC\_ENV\202501-DWG\GEN-F01-SLM.dwg LAYOUT: 1 SAVED: 9/16/2025 4:29 PM ACADVER: 24.2S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: BLACKGRAY.CTB  
PLOTTED: 9/17/2025 2:58 PM BY: V. PUSHPANJALI

PROJECTNAME: INDIAN BASIN REMEDIATION PROJECT  
IMAGES: Arcadis Logo.png  
NM\_Martha\_Creek\_20230707\_TM.jpg  
XREFS:

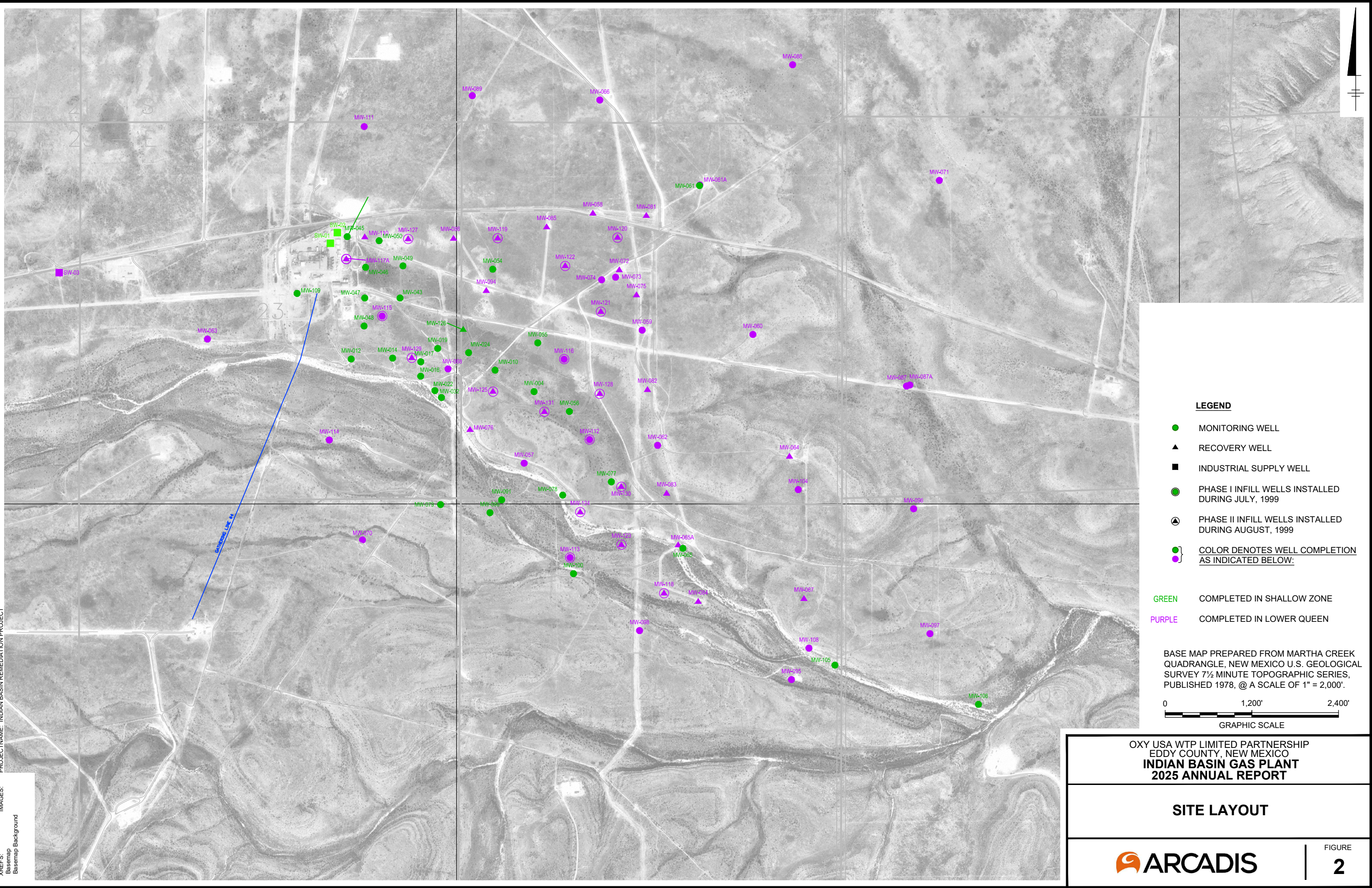


SOURCE: U.S. GEOLOGICAL SURVEY 7.5 MINUTE TOPOGRAPHIC SERIES, MARTHA CREEK, NEW MEXICO - EDDY COUNTY, 2023.



|  |                    |
|--|--------------------|
| OXY USA WTP LIMITED PARTNERSHIP<br>EDDY COUNTY, NEW MEXICO<br><b>INDIAN BASIN GAS PLANT</b><br><b>2025 ANNUAL REPORT</b> |                    |
| <b>SITE LOCATION MAP</b>   |                    |
|  | FIGURE<br><b>1</b> |

C:\Users\m8717\OneDrive\Arcadis\ACC US\AUS-98989899\OXY\_INDIAN BASIN\_EDDY CO\_NIM\Project Files\10\_WIP\101\_ARC\_ENV\202501-DWG\GEN-F02-SM.dwg LAYOUT: 2 SAVED: 9/17/2025 2:57 PM ACADVER: 24.25 (LMS TECH) PAGES: 24.25 (LMS TECH) PLOTSETUP: --- PLOTSTYLETABLE: BLACKGRAY.CTB  
PLOTTED: 9/17/2025 2:58 PM BY: V. PUSHPANJALI  
XREFS: Basemap  
IMAGES: Basemap Background  
PROJECTNAME: INDIAN BASIN REMEDIATION PROJECT



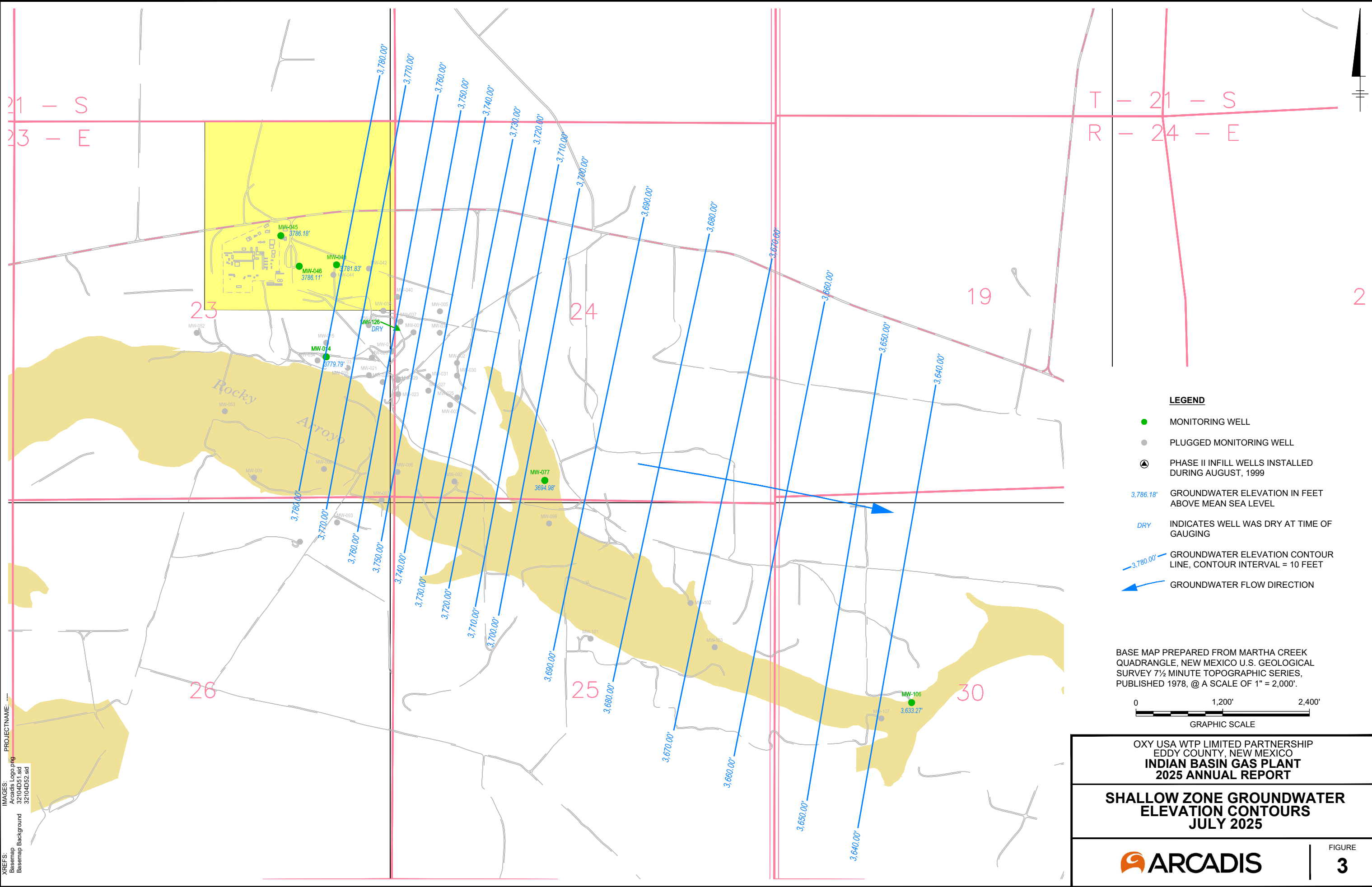
OXY USA WTP LIMITED PARTNERSHIP  
EDDY COUNTY, NEW MEXICO  
**INDIAN BASIN GAS PLANT  
2025 ANNUAL REPORT**

**SITE LAYOUT**



FIGURE  
**2**

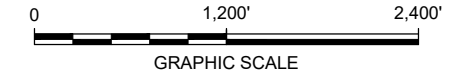
C:\Users\lmi0542\OneDrive\Arcadis ACC US\AUS-0989999-00X\INDIAN BASIN EDDY CO. NMP\Project Files\10\_WIP\10T\_ARC\_ENV\2026\01-DWG\GWM-202503-F03-SHALLOW GW CONTOURS 0624.dwg LAYOUT: 3 SAVED: 1/29/2026 9:54 PM ACADVER: 24.3S (LMS TECH) PAGES: 10 PAGES SETUP: ---  
PROJECTNAME: ---  
IMAGES: Arcadis Logo.png 32104051.sld 32104052.sld  
Basemap Background  
XREFS: Basemap



**LEGEND**

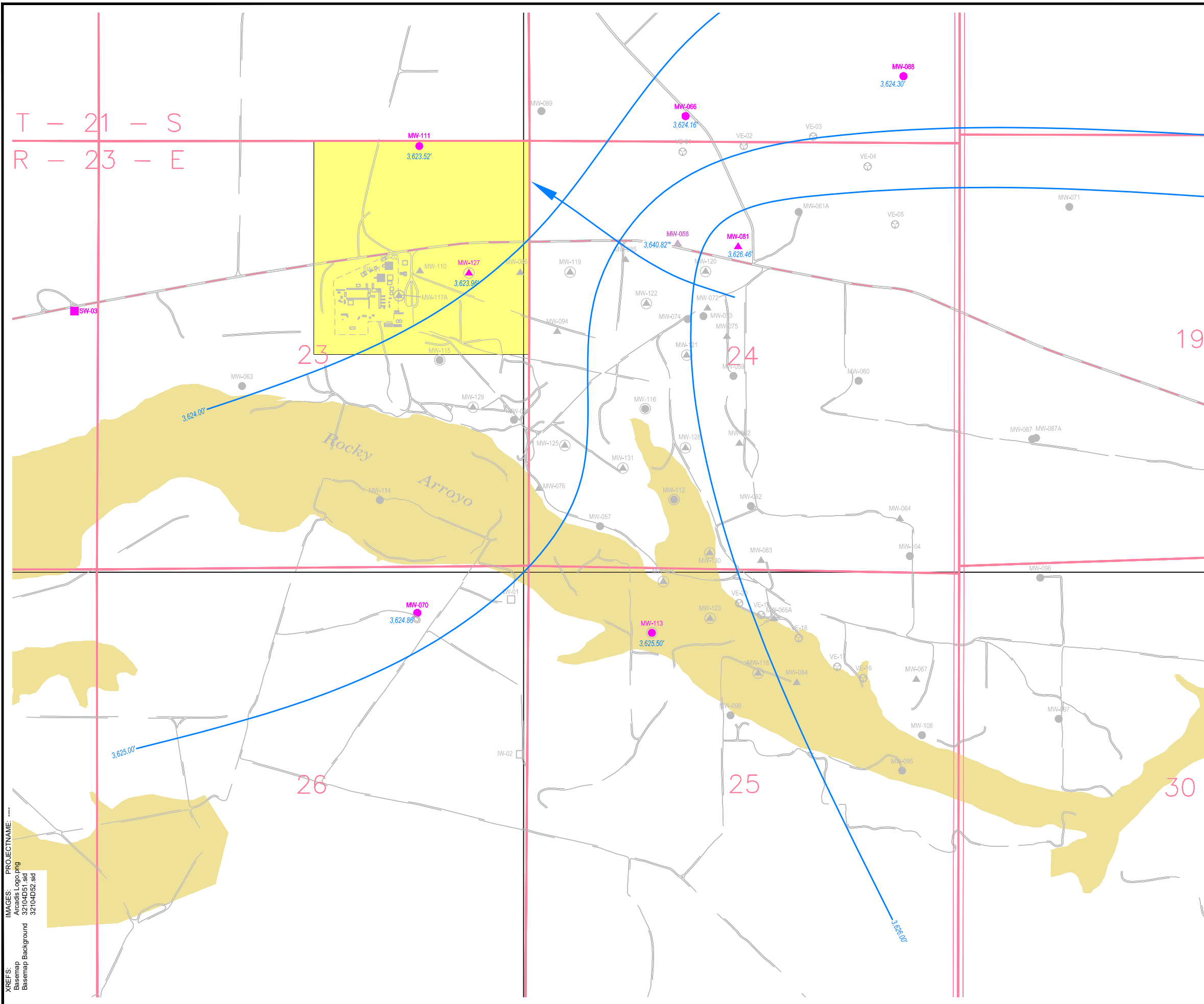
- MONITORING WELL
- PLUGGED MONITORING WELL
- ▲ PHASE II INFILL WELLS INSTALLED DURING AUGUST, 1999
- 3,786.18' GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
- DRY INDICATES WELL WAS DRY AT TIME OF GAUGING
- 3,780.00' — GROUNDWATER ELEVATION CONTOUR LINE, CONTOUR INTERVAL = 10 FEET
- ← GROUNDWATER FLOW DIRECTION

BASE MAP PREPARED FROM MARTHA CREEK QUADRANGLE, NEW MEXICO U.S. GEOLOGICAL SURVEY 7½ MINUTE TOPOGRAPHIC SERIES, PUBLISHED 1978, @ A SCALE OF 1" = 2,000'.



|   |                            |
|---|----------------------------|
| <p>OXY USA WTP LIMITED PARTNERSHIP<br/>EDDY COUNTY, NEW MEXICO<br/><b>INDIAN BASIN GAS PLANT<br/>2025 ANNUAL REPORT</b></p> |                            |
| <p><b>SHALLOW ZONE GROUNDWATER<br/>ELEVATION CONTOURS<br/>JULY 2025</b></p>   |                            |
|   | <p>FIGURE<br/><b>3</b></p> |

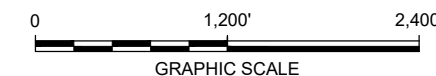
C:\Users\m0542\OneDrive\Arcadis\ACC\US\AUS\989999\9899\OXY\_INDIAN BASIN EDDY CO\_NMP\Project Files\10\_WIP\10T\_ARC\_ENV\2026\01-DWG\GWM-2025\03-F04-LOWER QUEEN GW CONTOURS 0624.dwg LAYOUT: 4 SAVED: 9/16/2025 11:56 PM ACADVER: 24.35 (LMS TECH) PAGESETUP: --- PLOTSTYLETABLE: BLACKGRAY.ctb PLOTTED: 1/29/2026 10:14 PM BY: M. SREEKANTA MURTHY



**LEGEND**

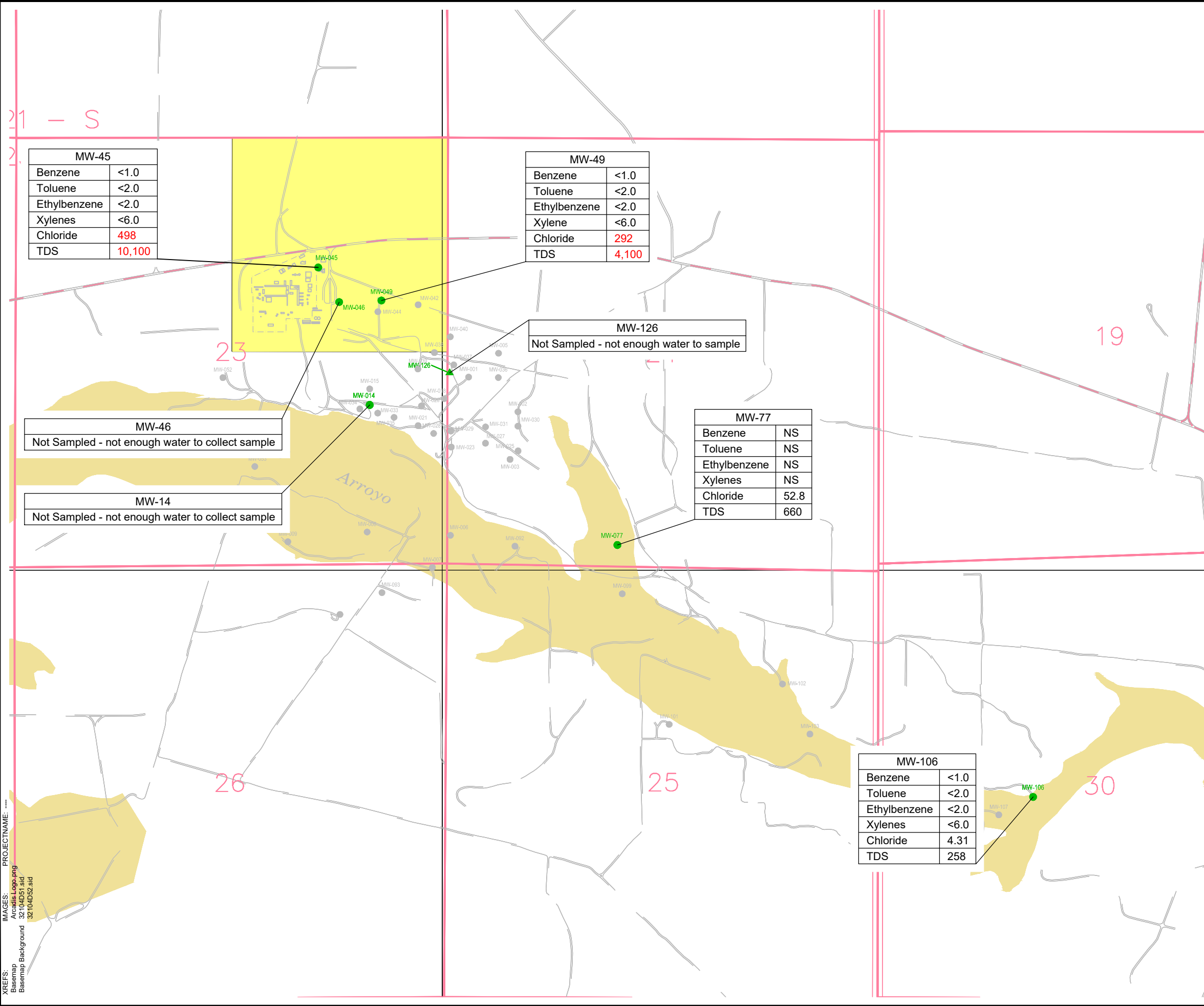
- MONITORING WELL
- PLUGGED MONITORING WELL
- ▲ RECOVERY WELL
- ▲ PLUGGED RECOVERY WELL
- PLUGGED INDUSTRIAL SUPPLY WELL
- ⊕ PHASE II INFILL WELLS INSTALLED DURING AUGUST, 1999
- ⊕ PLUGGED PHASE II INFILL WELL INSTALLED DURING AUGUST, 1999
- ⊕ PLUGGED PHASE I INFILL WELL INSTALLED DURING JULY, 1999
- PLUGGED INFILTRATION WELL
- ⊕ PLUGGED VAPOR EXTRACTION WELL
- 3,626.46' GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
- - - 3,626.00' GROUNDWATER ELEVATION CONTOUR LINE, CONTOUR INTERVAL = 2 FEET
- GROUNDWATER FLOW DIRECTION
- \* QUESTIONABLE DATA

BASE MAP PREPARED FROM MARTHA CREEK QUADRANGLE, NEW MEXICO U.S. GEOLOGICAL SURVEY 7½ MINUTE TOPOGRAPHIC SERIES, PUBLISHED 1978, @ A SCALE OF 1" = 2,000'.



|   |                            |
|---|----------------------------|
| <p>OXY USA WTP LIMITED PARTNERSHIP<br/>         EDDY COUNTY, NEW MEXICO<br/> <b>INDIAN BASIN GAS PLANT</b><br/> <b>2025 ANNUAL REPORT</b></p> |                            |
| <p><b>LOWER QUEEN GROUNDWATER</b><br/> <b>ELEVATION CONTOURS</b><br/> <b>JULY 2025</b></p>  |                            |
|   | <p>FIGURE<br/><b>4</b></p> |

C:\Users\va8717\OneDrive\Arcadis\ACC\USIA\US-99090909\OXY INDIAN BASIN EDDY CO\_NMP\Project Files\10\_WIP\101\_AFC\_ENV\202501-DWG\GWM-202503-F05-SHALLOW ANALYTICAL 0624.dwg LAYOUT: 5 SAVED: 9/16/2025 1:54 PM ACAD/VER: 24.2S (LMS TECH) PAGESETUP: ----  
 PLOTSTYLETABLE: BLACKGRAY.CTB PLOTTED: 9/17/2025 3:07 PM BY: V. PUSHPANJALI  
 PROJECTNAME: ----  
 IMAGES: Arcadis Logo.png 32104051.sid 32104052.sid  
 Basemap Background  
 XREFS:



| MW-45        |        |
|--------------|--------|
| Benzene      | <1.0   |
| Toluene      | <2.0   |
| Ethylbenzene | <2.0   |
| Xylenes      | <6.0   |
| Chloride     | 498    |
| TDS          | 10,100 |

| MW-49        |       |
|--------------|-------|
| Benzene      | <1.0  |
| Toluene      | <2.0  |
| Ethylbenzene | <2.0  |
| Xylene       | <6.0  |
| Chloride     | 292   |
| TDS          | 4,100 |

**MW-126**  
Not Sampled - not enough water to sample

| MW-77        |      |
|--------------|------|
| Benzene      | NS   |
| Toluene      | NS   |
| Ethylbenzene | NS   |
| Xylenes      | NS   |
| Chloride     | 52.8 |
| TDS          | 660  |

| MW-106       |      |
|--------------|------|
| Benzene      | <1.0 |
| Toluene      | <2.0 |
| Ethylbenzene | <2.0 |
| Xylenes      | <6.0 |
| Chloride     | 4.31 |
| TDS          | 258  |

**MW-46**  
Not Sampled - not enough water to collect sample

**MW-14**  
Not Sampled - not enough water to collect sample

**LEGEND**

- MONITORING WELL
- PLUGGED MONITORING WELL
- ▲ RECOVERY WELL
- INDUSTRIAL SUPPLY WELL
- ⊙ PHASE II INFILL WELLS INSTALLED DURING AUGUST, 1999

| MW-106       |      | WELL ID |
|--------------|------|---------|
| Benzene      | <1.0 |         |
| Toluene      | <2.0 |         |
| Ethylbenzene | <2.0 |         |
| Xylenes      | <6.0 |         |
| Chloride     | 4.31 |         |
| TDS          | 258  |         |

CONCENTRATION (ug/L or mg/L)  
CONSTITUENT

**OCD Cleanup Goals/Regulatory Limits**

|                        |            |
|------------------------|------------|
| Benzene                | 10 µg/L    |
| Toluene                | 750 µg/L   |
| Ethylbenzene           | 750 µg/L   |
| Total Xylenes          | 620 µg/L   |
| Chlorides              | 250 mg/L   |
| Total Dissolved Solids | 1,000 mg/L |

**NOTES:**  
 OCD NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT, OIL CONSERVATION DIVISION  
 mg/L MILLIGRAMS PER LITER  
 µg/L MICROGRAMS PER LITER  
 RED CONCENTRATIONS IN RED EXCEED THE OCD REGULATORY LIMITS

BASE MAP PREPARED FROM MARTHA CREEK QUADRANGLE, NEW MEXICO U.S. GEOLOGICAL SURVEY 7½ MINUTE TOPOGRAPHIC SERIES, PUBLISHED 1978, @ A SCALE OF 1" = 2,000'.

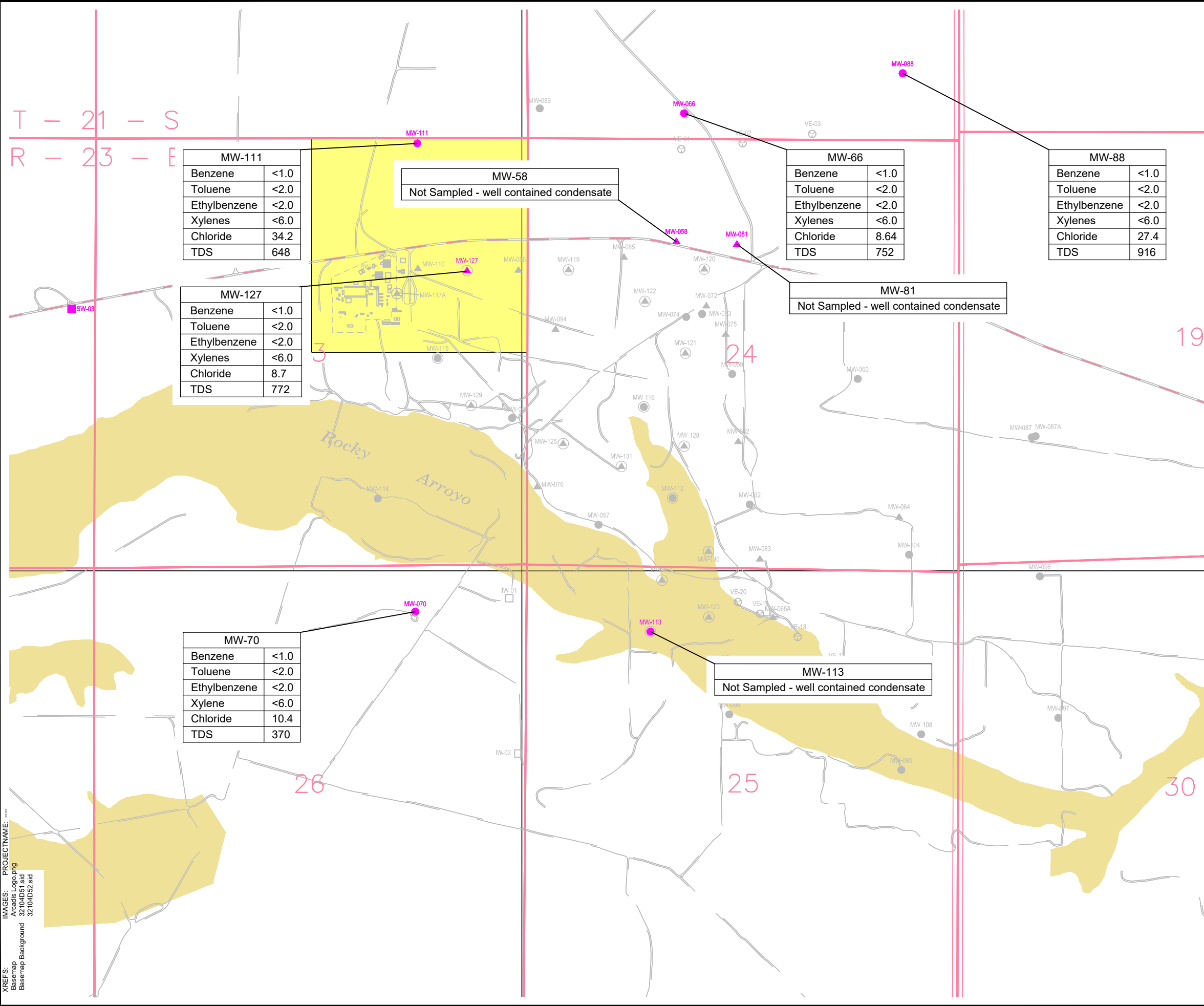
0 1,200' 2,400'  
GRAPHIC SCALE

OXY USA WTP LIMITED PARTNERSHIP  
 EDDY COUNTY, NEW MEXICO  
**INDIAN BASIN GAS PLANT**  
**2025 ANNUAL REPORT**

**SHALLOW ZONE BTEX,  
 CHLORIDE, AND TDS**  
**JULY 2025**

**ARCADIS** | FIGURE 5

C:\Users\m10542\OneDrive\Arcadis ACC (US)AUS-999999-000-INDIAN BASIN EDDY CO. NMP\Project Files\10\_WIP\10T\_ARC\_ENV\2026\01-DWG\GWM-202503 & 04-F06-LOWER QUEEN ANALYTICAL.dwg LAYOUT: 6. SAVED: 12/9/2026 10:15 PM. ACADVER: 24.3S (LMS TECH) PAGES: 28 OF 129  
 PLOTSTYLETABLE: BLACKGRAY.ctb PLOTTED: 1/30/2026 3:04 PM BY: M. SREEKANTA MURTHY  
 XREFS: PROJECTNAME: ---  
 IMAGES: Arcadis Logo.png 32\104051.sld  
 Basemap Background 32\104052.sld



| MW-111       |      |
|--------------|------|
| Benzene      | <1.0 |
| Toluene      | <2.0 |
| Ethylbenzene | <2.0 |
| Xylenes      | <6.0 |
| Chloride     | 34.2 |
| TDS          | 648  |

| MW-127       |      |
|--------------|------|
| Benzene      | <1.0 |
| Toluene      | <2.0 |
| Ethylbenzene | <2.0 |
| Xylenes      | <6.0 |
| Chloride     | 8.7  |
| TDS          | 772  |

| MW-70        |      |
|--------------|------|
| Benzene      | <1.0 |
| Toluene      | <2.0 |
| Ethylbenzene | <2.0 |
| Xylene       | <6.0 |
| Chloride     | 10.4 |
| TDS          | 370  |

| MW-66        |      |
|--------------|------|
| Benzene      | <1.0 |
| Toluene      | <2.0 |
| Ethylbenzene | <2.0 |
| Xylenes      | <6.0 |
| Chloride     | 8.64 |
| TDS          | 752  |

| MW-88        |      |
|--------------|------|
| Benzene      | <1.0 |
| Toluene      | <2.0 |
| Ethylbenzene | <2.0 |
| Xylenes      | <6.0 |
| Chloride     | 27.4 |
| TDS          | 916  |

- LEGEND**
- MONITORING WELL
  - PLUGGED MONITORING WELL
  - ▲ RECOVERY WELL
  - ▲ PLUGGED RECOVERY WELL
  - PLUGGED INDUSTRIAL SUPPLY WELL
  - ⊕ PHASE II INFILL WELLS INSTALLED DURING AUGUST, 1999
  - ⊕ PLUGGED PHASE II INFILL WELL INSTALLED DURING AUGUST, 1999
  - ⊕ PLUGGED PHASE I INFILL WELL INSTALLED DURING JULY, 1999
  - PLUGGED INFILTRATION WELL
  - ⊕ PLUGGED VAPOR EXTRACTION WELL

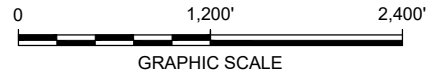
| MW-70        |      | WELL ID                      |
|--------------|------|------------------------------|
| Benzene      | <1.0 |                              |
| Toluene      | <2.0 |                              |
| Ethylbenzene | <2.0 |                              |
| Xylene       | <6.0 |                              |
| Chloride     | 10.4 |                              |
| TDS          | 370  |                              |
|              |      | CONCENTRATION (ug/L or mg/L) |
|              |      | CONSTITUENT                  |

**OCD Cleanup Goals/Regulatory Limits**

|                        |            |
|------------------------|------------|
| Benzene                | 10 µg/L    |
| Toluene                | 750 µg/L   |
| Ethylbenzene           | 750 µg/L   |
| Total Xylenes          | 620 µg/L   |
| Chlorides              | 250 mg/L   |
| Total Dissolved Solids | 1,000 mg/L |

- NOTES:**
- OCD NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT, OIL CONSERVATION DIVISION
  - mg/L MILLIGRAMS PER LITER
  - µg/L MICROGRAMS PER LITER
  - RED CONCENTRATIONS IN RED EXCEED THE OCD REGULATORY LIMITS

BASE MAP PREPARED FROM MARTHA CREEK QUADRANGLE, NEW MEXICO U.S. GEOLOGICAL SURVEY 7½ MINUTE TOPOGRAPHIC SERIES, PUBLISHED 1978, @ A SCALE OF 1" = 2,000'.



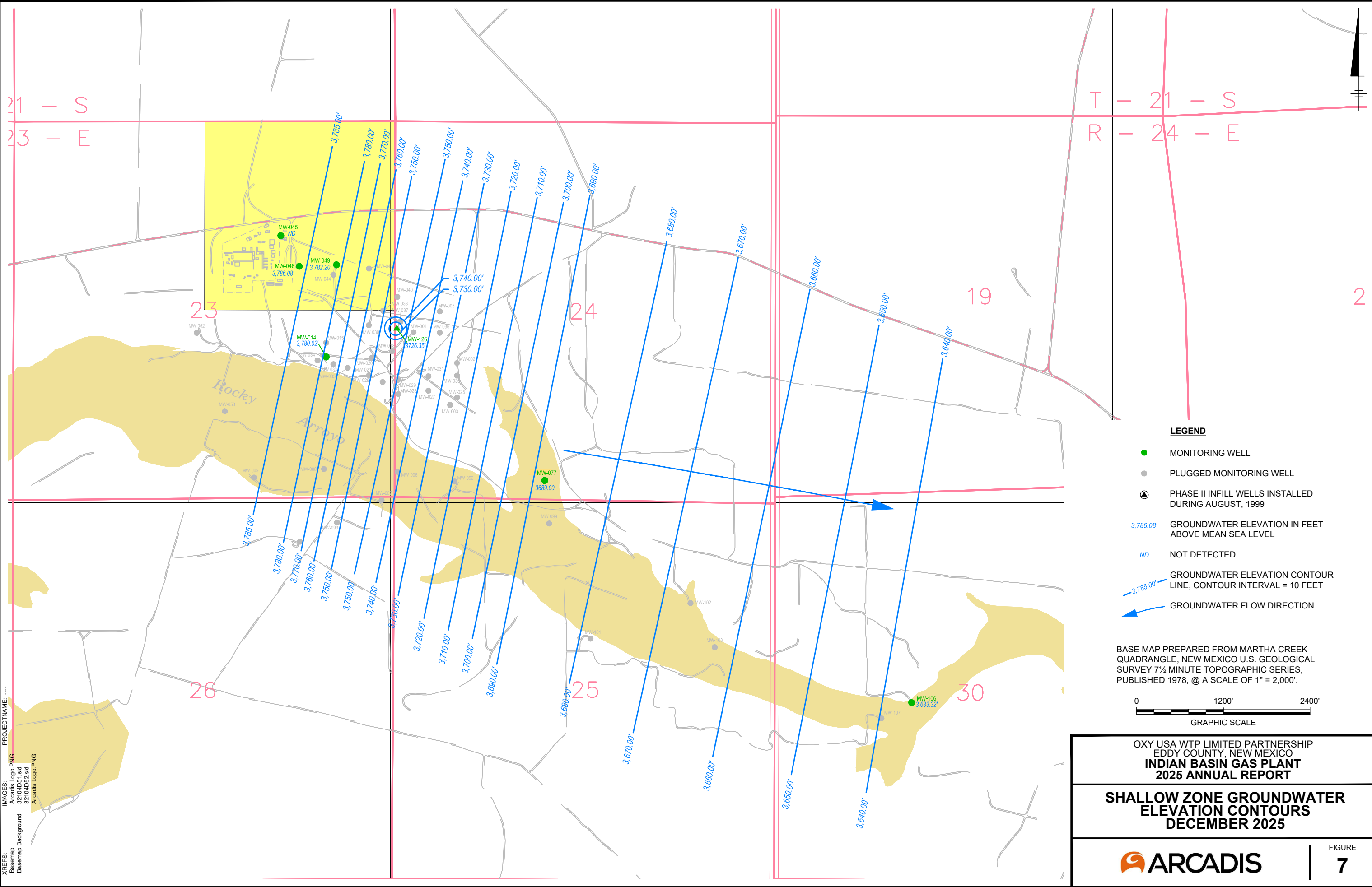
OXY USA WTP LIMITED PARTNERSHIP  
 EDDY COUNTY, NEW MEXICO  
**INDIAN BASIN GAS PLANT**  
**2025 ANNUAL REPORT**

---

**LOWER QUEEN BTEX,  
 CHLORIDE, AND TDS**  
**JULY AND DECEMBER 2025**

---

C:\Users\m0542\OneDrive\Arcadis\ACC\US\VALU\S\989899\OXY\_INDIAN BASIN\_EDDY\_CO\_NM\Project Files\10\_WIP\10T\_ARC\_ENV\2026\01-DWG\7-SHALLOW GW CONTOURS 1225.dwg LAYOUT:7.7 SAVER: 2/9/2026 1:16 PM ACADVER: 24.3S (LMS TECH) PAGES: 29 OF 129 PLOTSTYLETABLE: BLACKGRAY.ctb PLOTTED: 2/9/2026 3:44 PM BY: M. SREEKANTA MURTHY PROJECTNAME: ---



**LEGEND**

- MONITORING WELL
- PLUGGED MONITORING WELL
- ▲ PHASE II INFILL WELLS INSTALLED DURING AUGUST, 1999
- 3,786.08' GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
- ND NOT DETECTED
- 3,785.00' GROUNDWATER ELEVATION CONTOUR LINE, CONTOUR INTERVAL = 10 FEET
- ← GROUNDWATER FLOW DIRECTION

BASE MAP PREPARED FROM MARTHA CREEK QUADRANGLE, NEW MEXICO U.S. GEOLOGICAL SURVEY 7 1/2 MINUTE TOPOGRAPHIC SERIES, PUBLISHED 1978, @ A SCALE OF 1" = 2,000'.



OXY USA WTP LIMITED PARTNERSHIP  
EDDY COUNTY, NEW MEXICO  
**INDIAN BASIN GAS PLANT  
2025 ANNUAL REPORT**

**SHALLOW ZONE GROUNDWATER  
ELEVATION CONTOURS  
DECEMBER 2025**


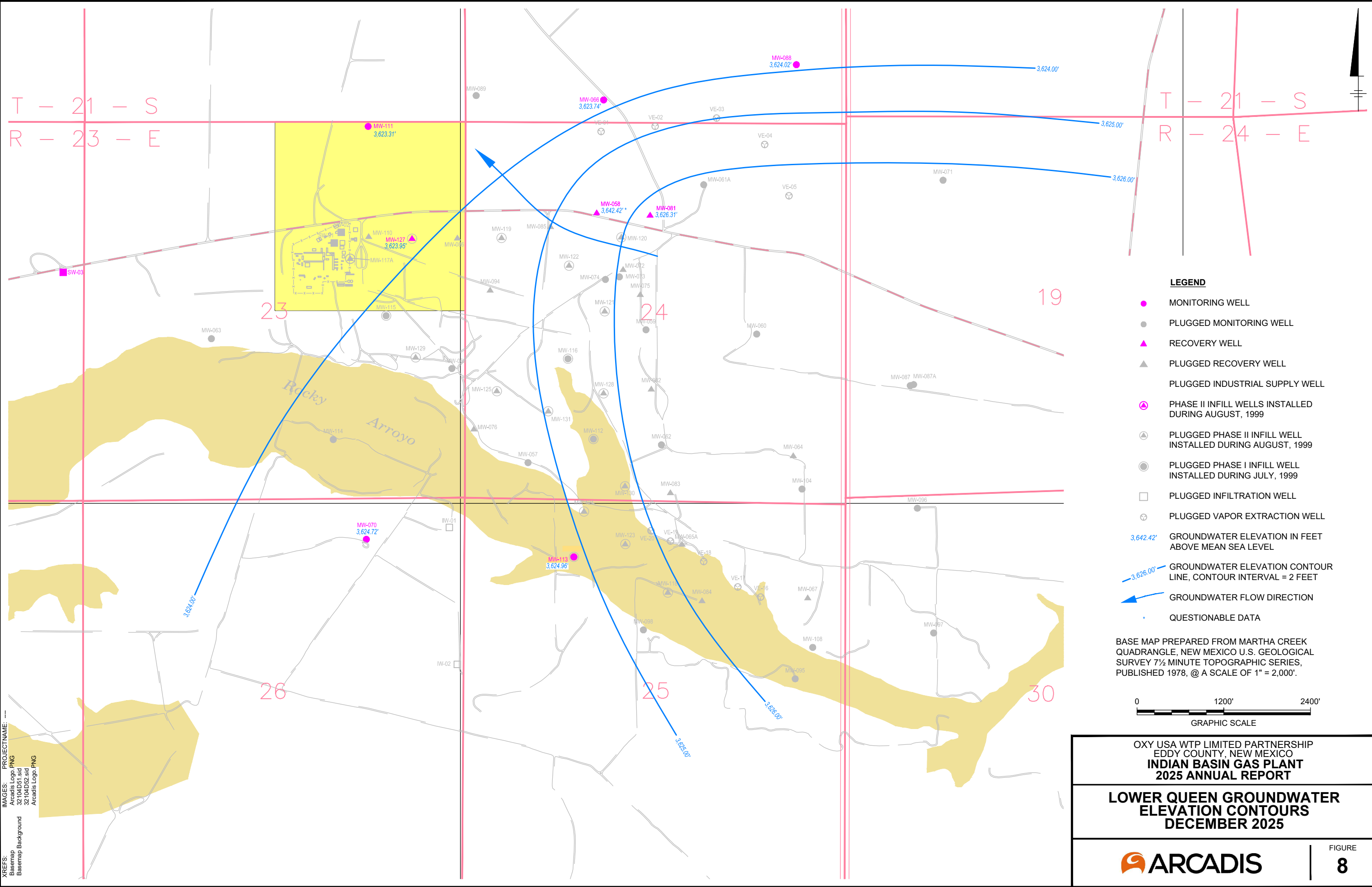


FIGURE  
**7**

C:\Users\m10542\OneDrive\Arcadis ACC US\AUS-98899999\OXY INDIAN BASIN EDDY CO NMP\Project Files\10\_WIP\10T\_ARC\_ENV\2026\01-DWG\8-LOWER QUEEN GW CONTOURS 1225.dwg LAYOUT: 8 SAVED: 2/6/2026 11:09 PM ACADVER: 24.3S (LMS TECH) PAGESETUP: ---  
PLOTSTYLETABLE: BLACKGRAY.CTB PLOTTED: 2/6/2026 1:16 PM BY: M. SREEKANTA MURTHY  
XREFS: PROJECTNAME: ---  
IMAGES: Arcadis Logo.PNG  
Basemap Background 32104D51.sld  
32104D52.sld  
Arcadis Logo.PNG



- LEGEND**
- MONITORING WELL
  - PLUGGED MONITORING WELL
  - ▲ RECOVERY WELL
  - ▲ PLUGGED RECOVERY WELL
  - PLUGGED INDUSTRIAL SUPPLY WELL
  - PHASE II INFILL WELLS INSTALLED DURING AUGUST, 1999
  - PLUGGED PHASE II INFILL WELL INSTALLED DURING AUGUST, 1999
  - PLUGGED PHASE I INFILL WELL INSTALLED DURING JULY, 1999
  - PLUGGED INFILTRATION WELL
  - ⊙ PLUGGED VAPOR EXTRACTION WELL
  - 3,624.42' GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
  - 3,626.00' GROUNDWATER ELEVATION CONTOUR LINE, CONTOUR INTERVAL = 2 FEET
  - ← GROUNDWATER FLOW DIRECTION
  - QUESTIONABLE DATA

BASE MAP PREPARED FROM MARTHA CREEK QUADRANGLE, NEW MEXICO U.S. GEOLOGICAL SURVEY 7½ MINUTE TOPOGRAPHIC SERIES, PUBLISHED 1978, @ A SCALE OF 1" = 2,000'.



OXY USA WTP LIMITED PARTNERSHIP  
EDDY COUNTY, NEW MEXICO  
**INDIAN BASIN GAS PLANT  
2025 ANNUAL REPORT**

**LOWER QUEEN GROUNDWATER  
ELEVATION CONTOURS  
DECEMBER 2025**

**ARCADIS**

FIGURE  
**8**

# APPENDIX A

## Historic Groundwater Elevations



**Appendix A**  
 Historic Fluid Level Data  
 May 1991 - December 2025  
 OXY USA WTP Limited Partnership, Indian Basin Gas Plant, Eddy County, New Mexico

| Well ID                   | Date             | Measuring Point<br>Elevation<br>(feet amsl) | Depth to<br>Water<br>(feet bmp) | Condensate<br>Thickness<br>(feet) | Corrected Water-Level<br>Elevation<br>(feet amsl) |
|---------------------------|------------------|---|---------------------------------|-----------------------------------|---|
| <b>Shallow Zone Wells</b> |                  |   |                                 |                                   |   |
| <b>MW-14</b>              | <b>12/1/1991</b> | <b>3803.61</b>                              | <b>9.68</b>                     | <b>0</b>                          | <b>3793.93</b>                                    |
| MW-14                     | 10/1/1993        | 3803.61                                     | 22.55                           | 0                                 | 3781.06   |
| MW-14                     | 1/1/1994         | 3803.61                                     | 22.78                           | 0                                 | 3780.83   |
| MW-14                     | 1/27/1998        | 3803.61                                     | 22.36                           | 0                                 | 3781.25   |
| MW-14                     | 6/16/1998        | 3803.61                                     | 22.88                           | 0                                 | 3780.73   |
| MW-14                     | 4/19/1999        | 3803.61                                     | 23.74                           | 0.24                              | 3780.05   |
| MW-14                     | 1/5/2000         | 3803.61                                     | 22.22                           | 0                                 | 3781.39   |
| MW-14                     | 4/26/2000        | 3803.61                                     | 22.74                           | 0.03                              | 3780.89   |
| MW-14                     | 9/27/2000        | 3803.61                                     | 23.40                           | 0.09                              | 3780.28   |
| MW-14                     | 4/16/2001        | 3803.61                                     | 22.15                           | 0.01                              | 3781.47   |
| MW-14                     | 10/29/2001       | 3803.61                                     | 21.98                           | 0.08                              | 3781.69   |
| MW-14                     | 4/15/2002        | 3803.61                                     | 22.81                           | 0                                 | 3780.80   |
| MW-14                     | 10/14/2002       | 3803.61                                     | 18.17                           | 0                                 | 3785.44   |
| MW-14                     | 04/15/2003       | 3803.61                                     | 21.87                           | 0                                 | 3781.74   |
| MW-14                     | 10/14/2003       | 3803.61                                     | 22.19                           | 0                                 | 3781.42   |
| MW-14                     | 4/5/2004         | 3803.61                                     | 23.45                           | 0.01                              | 3780.17   |
| MW-14                     | 10/5/2004        | 3803.61                                     | 18.36                           | 0                                 | 3785.25   |
| MW-14                     | 4/19/2005        | 3803.61                                     | 21.55                           | 0                                 | 3782.06   |
| MW-14                     | 10/24/2005       | 3803.61                                     | 20.69                           | 0                                 | 3782.92   |
| MW-14                     | 4/18/2006        | 3803.61                                     | 22.69                           | 0                                 | 3780.92   |
| MW-14                     | 10/11/2006       | 3803.61                                     | 19.20                           | 0                                 | 3784.41   |
| MW-14                     | 4/16/2007        | 3803.61                                     | 22.1                            | 0                                 | 3781.51   |
| MW-14                     | 10/22/2007       | 3803.61                                     | 21.15                           | 0                                 | 3782.46   |
| MW-14                     | 5/27/2009        | 3803.61                                     | 23.75                           | 0                                 | 3779.86   |
| MW-14                     | 6/21/2010        | 3803.61                                     | 24.04                           | 0                                 | 3779.57   |
| MW-14                     | 12/28/2010       | 3803.61                                     | 22.31                           | 0                                 | 3781.30   |
| MW-14                     | 6/30/2011        | 3803.61                                     | 24.00                           | 0                                 | 3779.61   |
| MW-14                     | 12/15/2011       | 3803.61                                     | 23.85                           | 0                                 | 3779.76   |
| MW-14                     | 6/27/2012        | 3803.61                                     | 22.73                           | 0                                 | 3780.88   |
| MW-14                     | 12/1/2012        | 3803.61                                     | 23.40                           | 0                                 | 3780.21   |
| MW-14                     | 6/1/2013         | 3803.61                                     | 22.73                           | 0                                 | 3780.88   |
| MW-14                     | 12/12/2013       | 3803.61                                     | 20.82                           | 0                                 | 3782.79   |
| MW-14                     | 6/25/2014        | 3803.61                                     | 20.96                           | 0                                 | 3782.65   |
| MW-14                     | 12/16/2014       | 3803.61                                     | 20.42                           | 0                                 | 3783.19   |
| MW-14                     | 4/28/2015        | 3803.61                                     | 21.91                           | 0                                 | 3781.70   |
| MW-14                     | 10/13/2015       | 3803.61                                     | 19.89                           | 0                                 | 3783.72   |
| MW-14                     | 5/24/2016        | 3803.61                                     | 22.70                           | 0                                 | 3780.91   |
| MW-14                     | 12/6/2016        | 3803.61                                     | 21.85                           | 0                                 | 3781.76   |
| MW-14                     | 7/12/2017        | 3803.61                                     | 23.39                           | 0                                 | 3780.22   |
| MW-14                     | 12/17/2017       | 3803.61                                     | 23.10                           | 0                                 | 3780.51   |
| MW-14                     | 7/8/2018         | 3803.61                                     | 23.79                           | 0                                 | 3779.82   |
| MW-14                     | 11/13/2018       | 3803.61                                     | 21.78                           | 0                                 | 3781.83   |
| MW-14                     | 6/24/2019        | 3803.61                                     | 23.13                           | 0                                 | 3780.48   |
| MW-14                     | 12/10/2019       | 3803.61                                     | 21.15                           | 0                                 | 3782.46   |
| MW-14                     | 6/10/2020        | 3803.61                                     | 22.02                           | 0                                 | 3781.59   |
| MW-14                     | 11/2/2020        | 3803.61                                     | 23.71                           | 0                                 | 3779.90   |
| MW-14                     | 6/22/2021        | 3803.61                                     | 23.85                           | 0                                 | 3779.76   |
| MW-14                     | 12/6/2021        | 3803.61                                     | 21.56                           | 0                                 | 3782.05   |
| MW-14                     | 6/23/2022        | 3803.61                                     | 22.96                           | 0                                 | 3780.65   |
| MW-14                     | 11/1/2022        | 3803.61                                     | 22.15                           | 0                                 | 3781.46   |
| MW-14                     | 6/21/2023        | 3803.61                                     | 23.13                           | 0                                 | 3780.48   |
| MW-14                     | 11/16/2023       | 3803.61                                     | 23.92                           | 0                                 | 3779.69   |
| MW-14                     | 6/11/2024        | 3803.61                                     | 23.22                           | 0                                 | 3780.39   |
| MW-14                     | 11/21/2024       | 3803.61                                     | 23.76                           | 0                                 | 3779.85   |
| MW-14                     | 7/22/2025        | 3803.61                                     | 23.82                           | 0                                 | 3779.79   |
| MW-14                     | 12/2/2025        | 3803.61                                     | 23.59                           | 0                                 | 3780.02   |
| <b>MW-45</b>              | <b>12/1/1991</b> | <b>3808.68</b>                              | <b>13.91</b>                    | <b>0</b>                          | <b>3794.77</b>                                    |
| MW-45                     | 7/1/1993         | 3808.68                                     | 21.49                           | 0                                 | 3787.19   |
| MW-45                     | 10/1/1993        | 3808.68                                     | 21.47                           | 0                                 | 3787.21   |
| MW-45                     | 1/1/1994         | 3808.68                                     | 21.54                           | 0                                 | 3787.14   |
| MW-45                     | 4/1/1994         | 3808.68                                     | 22.64                           | 0                                 | 3786.04   |
| MW-45                     | 7/1/1994         | 3808.68                                     | 21.85                           | 0                                 | 3786.83   |
| MW-45                     | 10/1/1994        | 3808.68                                     | 21.52                           | 0                                 | 3787.16   |
| MW-45                     | 1/1/1995         | 3808.68                                     | 21.78                           | 0                                 | 3786.90   |
| MW-45                     | 4/1/1995         | 3808.68                                     | 22.13                           | 0                                 | 3786.55   |
| MW-45                     | 7/1/1995         | 3808.68                                     | 22.13                           | 0                                 | 3786.55   |

D = Dry  
 NA = Not Available  
 NG = Not Gauged  
 NR = No Record

**Appendix A**  
 Historic Fluid Level Data  
 May 1991 - December 2025  
 OXY USA WTP Limited Partnership, Indian Basin Gas Plant, Eddy County, New Mexico

| Well ID      | Date             | Measuring Point<br>Elevation<br>(feet amsl) | Depth to<br>Water<br>(feet bmp) | Condensate<br>Thickness<br>(feet) | Corrected Water-Level<br>Elevation<br>(feet amsl) |
|--------------|------------------|---|---------------------------------|-----------------------------------|---|
| MW-45        | 1/5/2000         | 3808.68                                     | 18.88                           | 0                                 | 3789.80   |
| MW-45        | 4/26/2000        | 3808.68                                     | 19.19                           | 0                                 | 3789.49   |
| MW-45        | 9/27/2000        | 3808.68                                     | 19.19                           | 0                                 | 3789.49   |
| MW-45        | 4/16/2001        | 3808.68                                     | 18.39                           | 0                                 | 3790.29   |
| MW-45        | 10/29/2001       | 3808.68                                     | 18.53                           | 0                                 | 3790.15   |
| MW-45        | 4/15/2002        | 3808.68                                     | 18.75                           | 0                                 | 3789.93   |
| MW-45        | 10/14/2002       | 3808.68                                     | 18.39                           | 0                                 | 3790.29   |
| MW-45        | 04/15/2003       | 3808.68                                     | 21.36                           | 0                                 | 3787.32   |
| MW-45        | 10/14/2003       | 3808.68                                     | 21.35                           | 0                                 | 3787.33   |
| MW-45        | 4/5/2004         | 3808.68                                     | 21.69                           | 0                                 | 3786.99   |
| MW-45        | 10/5/2004        | 3808.68                                     | 14.09                           | 0                                 | 3794.59   |
| MW-45        | 4/19/2005        | 3808.68                                     | 16.94                           | 0                                 | 3791.74   |
| MW-45        | 10/24/2005       | 3808.68                                     | 20.09                           | 0                                 | 3788.59   |
| MW-45        | 4/18/2006        | 3808.68                                     | 20.72                           | 0                                 | 3787.96   |
| MW-45        | 10/11/2006       | 3808.68                                     | 16.40                           | 0                                 | 3792.28   |
| MW-45        | 4/16/2007        | 3808.68                                     | 19.98                           | 0                                 | 3788.70   |
| MW-45        | 10/22/2007       | 3808.68                                     | 15.95                           | 0                                 | 3792.73   |
| MW-45        | 5/27/2009        | 3808.68                                     | 21.56                           | 0                                 | 3787.12   |
| MW-45        | 6/21/2010        | 3808.68                                     | 21.52                           | 0                                 | 3787.16   |
| MW-45        | 12/28/2010       | 3808.68                                     | 20.05                           | 0                                 | 3788.63   |
| MW-45        | 6/30/2011        | 3808.68                                     | 19.47                           | 0                                 | 3789.21   |
| MW-45        | 12/15/2011       | 3808.68                                     | 20.20                           | 0                                 | 3788.48   |
| MW-45        | 6/27/2012        | 3808.68                                     | 21.47                           | 0                                 | 3787.21   |
| MW-45        | 12/1/2012        | 3808.68                                     | 21.22                           | 0                                 | 3787.46   |
| MW-45        | 6/1/2013         | 3808.68                                     | 21.47                           | 0                                 | 3787.21   |
| MW-45        | 12/12/2013       | 3808.68                                     | 18.77                           | 0                                 | 3789.91   |
| MW-45        | 6/25/2014        | 3808.68                                     | 16.12                           | 0                                 | 3792.56   |
| MW-45        | 12/16/2014       | 3808.68                                     | 16.95                           | 0                                 | 3791.73   |
| MW-45        | 4/28/2015        | 3808.68                                     | 19.90                           | 0                                 | 3788.78   |
| MW-45        | 10/13/2015       | 3808.68                                     | 19.79                           | 0                                 | 3788.89   |
| MW-45        | 5/24/2016        | 3808.68                                     | 22.14                           | 0                                 | 3786.54   |
| MW-45        | 12/6/2016        | 3808.68                                     | 21.06                           | 0                                 | 3787.62   |
| MW-45        | 7/12/2017        | 3808.68                                     | 21.45                           | 0                                 | 3787.23   |
| MW-45        | 12/17/2017       | 3808.68                                     | 20.11                           | 0                                 | 3788.57   |
| MW-45        | 7/8/2018         | 3808.68                                     | 21.54                           | 0                                 | 3787.14   |
| MW-45        | 11/13/2018       | 3808.68                                     | 21.00                           | 0                                 | 3787.68   |
| MW-45        | 6/24/2019        | 3808.68                                     | 19.20                           | 0                                 | 3789.48   |
| MW-45        | 12/10/2019       | 3808.68                                     | 18.95                           | 0                                 | 3789.73   |
| MW-45        | 6/10/2020        | 3808.68                                     | 20.06                           | 0                                 | 3788.62   |
| MW-45        | 11/2/2020        | 3808.68                                     | 21.53                           | 0                                 | 3787.15   |
| MW-45        | 6/22/2021        | 3808.68                                     | 21.68                           | 0                                 | 3787.00   |
| MW-45        | 12/6/2021        | 3809.68                                     | 19.22                           | 0                                 | 3789.46   |
| MW-45        | 6/23/2022        | 3809.68                                     | 21.57                           | 0                                 | 3788.11   |
| MW-45        | 11/1/2022        | 3809.68                                     | 20.05                           | 0                                 | 3789.63   |
| MW-45        | 6/21/2023        | 3809.68                                     | 21.36                           | 0                                 | 3788.32   |
| MW-45        | 11/16/2023       | 3809.68                                     | 21.16                           | 0                                 | 3788.52   |
| MW-45        | 6/11/2024        | 3809.68                                     | Dry                             | 0                                 | --  |
| MW-45        | 11/21/2024       | 3809.68                                     | 21.60                           | 0                                 | 3788.08   |
| MW-45        | 7/22/2025        | 3809.68                                     | 22.50                           | 0                                 | 3787.18   |
| MW-45        | 12/2/2025        | 3809.68                                     | Dry                             | 0                                 | --  |
| <b>MW-46</b> | <b>10/1/1993</b> | <b>3805.54</b>                              | <b>19.87</b>                    | <b>0</b>                          | <b>3785.67</b>                                    |
| MW-46        | 1/1/1994         | 3805.54                                     | 19.42                           | 0                                 | 3786.12   |
| MW-46        | 4/1/1994         | 3805.54                                     | 19.59                           | 0                                 | 3785.95   |
| MW-46        | 10/1/1994        | 3805.54                                     | 19.20                           | 0                                 | 3786.34   |
| MW-46        | 4/1/1995         | 3805.54                                     | 19.55                           | 0                                 | 3785.99   |
| MW-46        | 7/1/1995         | 3805.54                                     | 19.55                           | 0                                 | 3785.99   |
| MW-46        | 1/16/1996        | 3805.54                                     | 19.48                           | 0                                 | 3786.06   |
| MW-46        | 4/19/1996        | 3805.54                                     | 19.52                           | 0                                 | 3786.02   |
| MW-46        | 7/15/1996        | 3805.54                                     | 19.41                           | 0                                 | 3786.13   |
| MW-46        | 10/13/1996       | 3805.54                                     | 15.73                           | 0                                 | 3789.81   |
| MW-46        | 2/4/1997         | 3805.54                                     | 18.22                           | 0                                 | 3787.32   |
| MW-46        | 4/28/1997        | 3805.54                                     | 16.93                           | 0                                 | 3788.61   |
| MW-46        | 7/14/1997        | 3805.54                                     | 17.15                           | 0                                 | 3788.39   |
| MW-46        | 10/13/1997       | 3805.54                                     | 18.01                           | 0                                 | 3787.53   |
| MW-46        | 1/27/1998        | 3805.54                                     | 17.54                           | 0                                 | 3788.00   |
| MW-46        | 4/27/1998        | 3805.54                                     | 18.34                           | 0                                 | 3787.20   |
| MW-46        | 6/16/1998        | 3805.54                                     | 18.69                           | 0                                 | 3786.85   |

D = Dry  
 NA = Not Available  
 NG = Not Gauged  
 NR = No Record

**Appendix A**  
 Historic Fluid Level Data  
 May 1991 - December 2025  
 OXY USA WTP Limited Partnership, Indian Basin Gas Plant, Eddy County, New Mexico

| Well ID      | Date             | Measuring Point<br>Elevation<br>(feet amsl) | Depth to<br>Water<br>(feet bmp) | Condensate<br>Thickness<br>(feet) | Corrected Water-Level<br>Elevation<br>(feet amsl) |
|--------------|------------------|---|---------------------------------|-----------------------------------|---|
| MW-46        | 10/10/1998       | 3805.54                                     | 17.82                           | 0                                 | 3787.72   |
| MW-46        | 1/27/1999        | 3805.54                                     | 16.91                           | 0                                 | 3788.63   |
| MW-46        | 4/19/1999        | 3805.54                                     | 17.44                           | 0                                 | 3788.10   |
| MW-46        | 1/5/2000         | 3805.54                                     | 16.76                           | 0                                 | 3788.78   |
| MW-46        | 4/26/2000        | 3805.54                                     | 17.17                           | 0                                 | 3788.37   |
| MW-46        | 9/27/2000        | 3805.54                                     | 17.42                           | 0                                 | 3788.12   |
| MW-46        | 4/16/2001        | 3805.54                                     | 16.68                           | 0                                 | 3788.86   |
| MW-46        | 10/29/2001       | 3805.54                                     | 16.79                           | 0                                 | 3788.75   |
| MW-46        | 4/15/2002        | 3805.54                                     | 17.49                           | 0                                 | 3788.05   |
| MW-46        | 10/14/2002       | 3805.54                                     | 17.83                           | 0                                 | 3787.71   |
| MW-46        | 04/15/2003       | 3805.54                                     | 19.38                           | 0                                 | 3786.16   |
| MW-46        | 10/14/2003       | 3805.54                                     | 19.62                           | 0                                 | 3785.92   |
| MW-46        | 4/5/2004         | 3805.54                                     | 19.63                           | 0                                 | 3785.91   |
| MW-46        | 10/5/2004        | 3805.54                                     | 13.05                           | 0                                 | 3792.49   |
| MW-46        | 4/19/2005        | 3805.54                                     | 16.27                           | 0                                 | 3789.27   |
| MW-46        | 10/24/2005       | 3805.54                                     | 19.38                           | 0                                 | 3786.16   |
| MW-46        | 4/18/2006        | 3805.54                                     | 19.35                           | 0                                 | 3786.19   |
| MW-46        | 10/11/2006       | 3805.54                                     | 15.74                           | 0                                 | 3789.80   |
| MW-46        | 4/16/2007        | 3805.54                                     | 19.34                           | 0                                 | 3786.20   |
| MW-46        | 10/22/2007       | 3805.54                                     | 15.67                           | 0                                 | 3789.87   |
| MW-46        | 5/27/2009        | 3805.54                                     | 19.38                           | 0                                 | 3786.16   |
| MW-46        | 6/21/2010        | 3805.54                                     | 19.42                           | 0                                 | 3786.12   |
| MW-46        | 12/28/2010       | 3805.54                                     | 18.27                           | 0                                 | 3787.27   |
| MW-46        | 6/30/2011        | 3805.54                                     | 19.54                           | 0                                 | 3786.00   |
| MW-46        | 12/15/2011       | 3805.54                                     | 18.35                           | 0                                 | 3787.19   |
| MW-46        | 6/27/2012        | 3805.54                                     | 19.33                           | 0                                 | 3786.21   |
| MW-46        | 12/1/2012        | 3805.54                                     | 19.33                           | 0                                 | 3786.21   |
| MW-46        | 6/1/2013         | 3805.54                                     | 19.33                           | 0                                 | 3786.21   |
| MW-46        | 12/12/2013       | 3805.54                                     | 16.88                           | 0                                 | 3788.66   |
| MW-46        | 6/25/2014        | 3805.54                                     | 15.67                           | 0                                 | 3789.87   |
| MW-46        | 12/16/2014       | 3805.54                                     | 16.31                           | 0                                 | 3789.23   |
| MW-46        | 4/28/2015        | 3805.54                                     | 18.54                           | 0                                 | 3787.00   |
| MW-46        | 10/13/2015       | 3805.54                                     | 17.98                           | 0                                 | 3787.56   |
| MW-46        | 5/24/2016        | 3805.54                                     | 19.45                           | 0                                 | 3786.09   |
| MW-46        | 12/6/2016        | 3805.54                                     | 19.81                           | 0                                 | 3785.73   |
| MW-46        | 7/12/2017        | 3805.54                                     | 19.25                           | 0                                 | 3786.29   |
| MW-46        | 12/17/2017       | 3805.54                                     | 18.15                           | 0                                 | 3787.39   |
| MW-46        | 7/8/2018         | 3805.54                                     | 19.31                           | 0                                 | 3786.23   |
| MW-46        | 11/13/2018       | 3805.54                                     | 18.70                           | 0                                 | 3786.84   |
| MW-46        | 6/24/2019        | 3805.54                                     | 18.24                           | 0                                 | 3787.30   |
| MW-46        | 12/10/2019       | 3805.54                                     | 17.00                           | 0                                 | 3788.54   |
| MW-46        | 6/10/2020        | 3805.54                                     | 18.05                           | 0                                 | 3787.49   |
| MW-46        | 11/2/2020        | 3805.54                                     | 19.53                           | 0                                 | 3786.01   |
| MW-46        | 6/22/2021        | 3805.54                                     | 19.35                           | 0                                 | 3786.19   |
| MW-46        | 12/6/2021        | 3805.54                                     | 17.80                           | 0                                 | 3787.74   |
| MW-46        | 6/23/2022        | 3805.54                                     | 19.44                           | 0                                 | 3786.10   |
| MW-46        | 11/1/2022        | 3805.54                                     | 17.62                           | 0                                 | 3787.92   |
| MW-46        | 6/21/2023        | 3805.54                                     | 19.25                           | 0                                 | 3786.29   |
| MW-46        | 11/16/2023       | 3805.54                                     | 19.27                           | 0                                 | 3786.27   |
| MW-46        | 6/11/2024        | 3805.54                                     | 19.43                           | 0                                 | 3786.11   |
| MW-46        | 11/21/2024       | 3805.54                                     | 19.23                           | 0                                 | 3786.31   |
| MW-46        | 7/22/2025        | 3805.54                                     | 19.43                           | 0                                 | 3786.11   |
| MW-46        | 12/2/2025        | 3805.54                                     | 19.46                           | 0                                 | 3786.08   |
| <b>MW-49</b> | <b>12/1/1991</b> | <b>3805.61</b>                              | <b>16.60</b>                    | <b>0</b>                          | <b>3789.01</b>                                    |
| MW-49        | 7/1/1993         | 3805.61                                     | 21.98                           | 0                                 | 3783.63   |
| MW-49        | 10/1/1993        | 3805.61                                     | 21.93                           | 0                                 | 3783.68   |
| MW-49        | 1/1/1994         | 3805.61                                     | 22.27                           | 0                                 | 3783.34   |
| MW-49        | 4/1/1994         | 3805.61                                     | 22.64                           | 0                                 | 3782.97   |
| MW-49        | 7/1/1994         | 3805.61                                     | 22.73                           | 0                                 | 3782.88   |
| MW-49        | 10/1/1994        | 3805.61                                     | 22.30                           | 0                                 | 3783.31   |
| MW-49        | 1/1/1995         | 3805.61                                     | 22.56                           | 0                                 | 3783.05   |
| MW-49        | 4/1/1995         | 3805.61                                     | 22.94                           | 0                                 | 3782.67   |
| MW-49        | 7/1/1995         | 3805.61                                     | 22.94                           | 0                                 | 3782.67   |
| MW-49        | 10/1/1995        | 3805.61                                     | 22.68                           | 0                                 | 3782.93   |
| MW-49        | 1/16/1996        | 3805.61                                     | 22.55                           | 0                                 | 3783.06   |
| MW-49        | 4/19/1996        | 3805.61                                     | 22.59                           | 0                                 | 3783.02   |
| MW-49        | 7/15/1996        | 3805.61                                     | 22.76                           | 0                                 | 3782.85   |

D = Dry  
 NA = Not Available  
 NG = Not Gauged  
 NR = No Record

**Appendix A**  
 Historic Fluid Level Data  
 May 1991 - December 2025  
 OXY USA WTP Limited Partnership, Indian Basin Gas Plant, Eddy County, New Mexico

| Well ID      | Date            | Measuring Point<br>Elevation<br>(feet amsl) | Depth to<br>Water<br>(feet bmp) | Condensate<br>Thickness<br>(feet) | Corrected Water-Level<br>Elevation<br>(feet amsl) |
|--------------|-----------------|---|---------------------------------|-----------------------------------|---|
| MW-49        | 10/13/1996      | 3805.61                                     | 19.54                           | 0                                 | 3786.07   |
| MW-49        | 2/3/1997        | 3805.61                                     | 20.66                           | 0                                 | 3784.95   |
| MW-49        | 3/18/1997       | 3805.61                                     | 20.99                           | 0                                 | 3784.62   |
| MW-49        | 4/28/1997       | 3805.61                                     | 20.70                           | 0                                 | 3784.91   |
| MW-49        | 7/14/1997       | 3805.61                                     | 20.31                           | 0                                 | 3785.30   |
| MW-49        | 10/13/1997      | 3805.61                                     | 21.01                           | 0                                 | 3784.60   |
| MW-49        | 1/27/1998       | 3805.61                                     | 21.08                           | 0                                 | 3784.53   |
| MW-49        | 4/27/1998       | 3805.61                                     | 21.34                           | 0                                 | 3784.27   |
| MW-49        | 6/16/1998       | 3805.61                                     | 21.35                           | 0                                 | 3784.26   |
| MW-49        | 10/9/1998       | 3805.61                                     | 22.52                           | 0                                 | 3783.09   |
| MW-49        | 1/27/1999       | 3805.61                                     | 20.50                           | 0                                 | 3785.11   |
| MW-49        | 4/19/1999       | 3805.61                                     | 20.81                           | 0                                 | 3784.80   |
| MW-49        | 1/5/2000        | 3805.61                                     | 20.07                           | 0                                 | 3785.54   |
| MW-49        | 4/26/2000       | 3805.61                                     | 20.30                           | 0                                 | 3785.31   |
| MW-49        | 9/27/2000       | 3805.61                                     | 20.52                           | 0                                 | 3785.09   |
| MW-49        | 4/16/2001       | 3805.61                                     | 20.03                           | 0                                 | 3785.58   |
| MW-49        | 10/29/2001      | 3805.61                                     | 19.96                           | 0                                 | 3785.65   |
| MW-49        | 4/15/2002       | 3805.61                                     | 19.76                           | 0                                 | 3785.85   |
| MW-49        | 10/14/2002      | 3805.61                                     | 20.56                           | 0                                 | 3785.05   |
| MW-49        | 04/15/2003      | 3805.61                                     | 22.08                           | 0                                 | 3783.53   |
| MW-49        | 10/14/2003      | 3805.61                                     | 22.52                           | 0                                 | 3783.09   |
| MW-49        | 4/5/2004        | 3805.61                                     | 22.79                           | 0                                 | 3782.82   |
| MW-49        | 10/5/2004       | 3805.61                                     | 18.33                           | 0                                 | 3787.28   |
| MW-49        | 4/19/2005       | 3805.61                                     | 18.23                           | 0                                 | 3787.38   |
| MW-49        | 10/24/2005      | 3805.61                                     | 21.01                           | 0                                 | 3784.60   |
| MW-49        | 4/18/2006       | 3805.61                                     | 22.29                           | 0                                 | 3783.32   |
| MW-49        | 10/11/2006      | 3805.61                                     | 20.49                           | 0                                 | 3785.12   |
| MW-49        | 4/16/2007       | 3805.61                                     | 21.43                           | 0                                 | 3784.18   |
| MW-49        | 10/22/2007      | 3805.61                                     | 18.81                           | 0                                 | 3786.80   |
| MW-49        | 5/27/2009       | 3805.61                                     | 22.35                           | 0                                 | 3783.26   |
| MW-49        | 6/21/2010       | 3805.61                                     | 22.33                           | 0                                 | 3783.28   |
| MW-49        | 12/28/2010      | 3805.61                                     | 20.92                           | 0                                 | 3784.69   |
| MW-49        | 6/30/2011       | 3805.61                                     | 21.95                           | 0                                 | 3783.66   |
| MW-49        | 12/15/2011      | 3805.61                                     | 21.11                           | 0                                 | 3784.50   |
| MW-49        | 6/27/2012       | 3805.61                                     | 22.40                           | 0                                 | 3783.21   |
| MW-49        | 12/1/2012       | 3805.61                                     | 22.12                           | 0                                 | 3783.49   |
| MW-49        | 6/1/2013        | 3805.61                                     | 22.40                           | 0                                 | 3783.21   |
| MW-49        | 12/12/2013      | 3805.61                                     | 20.05                           | 0                                 | 3785.56   |
| MW-49        | 6/25/2014       | 3805.61                                     | 19.42                           | 0                                 | 3786.19   |
| MW-49        | 12/16/2014      | 3805.61                                     | 17.49                           | 0                                 | 3788.12   |
| MW-49        | 4/28/2015       | 3805.61                                     | 20.21                           | 0                                 | 3785.40   |
| MW-49        | 10/13/2015      | 3805.61                                     | 20.95                           | 0                                 | 3784.66   |
| MW-49        | 5/24/2016       | 3805.61                                     | 21.41                           | 0                                 | 3784.20   |
| MW-49        | 12/6/2016       | 3805.61                                     | 21.62                           | 0                                 | 3783.99   |
| MW-49        | 7/12/2017       | 3805.61                                     | 22.40                           | 0                                 | 3783.21   |
| MW-49        | 12/17/2017      | 3805.61                                     | 21.08                           | 0                                 | 3784.53   |
| MW-49        | 7/8/2018        | 3805.61                                     | 22.31                           | 0                                 | 3783.30   |
| MW-49        | 11/13/2018      | 3805.61                                     | 22.59                           | 0                                 | 3783.02   |
| MW-49        | 6/24/2019       | 3805.61                                     | 22.38                           | 0                                 | 3783.23   |
| MW-49        | 12/10/2019      | 3805.61                                     | 21.22                           | 0                                 | 3784.39   |
| MW-49        | 6/10/2020       | 3805.61                                     | 20.94                           | 0                                 | 3784.67   |
| MW-49        | 11/2/2020       | 3805.61                                     | 22.36                           | 0                                 | 3783.25   |
| MW-49        | 6/22/2021       | 3805.61                                     | 23.02                           | 0                                 | 3782.59   |
| MW-49        | 12/6/2021       | 3805.61                                     | 20.08                           | 0                                 | 3785.53   |
| MW-49        | 6/23/2022       | 3805.61                                     | 21.94                           | 0                                 | 3783.67   |
| MW-49        | 11/1/2022       | 3805.61                                     | 21.36                           | 0                                 | 3784.25   |
| MW-49        | 6/21/2023       | 3805.61                                     | 21.97                           | 0                                 | 3783.64   |
| MW-49        | 11/16/2023      | 3805.61                                     | 22.60                           | 0                                 | 3783.01   |
| MW-49        | 6/11/2024       | 3805.61                                     | 23.21                           | 0                                 | 3782.40   |
| MW-49        | 11/21/2024      | 3805.61                                     | 23.44                           | 0                                 | 3782.17   |
| MW-49        | 7/22/2025       | 3805.61                                     | 23.78                           | 0                                 | 3781.83   |
| MW-49        | 12/2/2025       | 3805.61                                     | 23.41                           | 0                                 | 3782.20   |
| <b>MW-77</b> | <b>1/1/1995</b> | <b>3775.48</b>                              | <b>80.03</b>                    | <b>0</b>                          | <b>3695.45</b>                                    |
| MW-77        | 4/1/1995        | 3775.48                                     | 80.04                           | 0                                 | 3695.44   |
| MW-77        | 7/1/1995        | 3775.48                                     | 80.04                           | 0                                 | 3695.44   |
| MW-77        | 10/1/1995       | 3775.48                                     | 79.70                           | 0                                 | 3695.78   |
| MW-77        | 1/16/1996       | 3775.48                                     | 79.84                           | 0                                 | 3695.64   |

D = Dry  
 NA = Not Available  
 NG = Not Gauged  
 NR = No Record

**Appendix A**  
 Historic Fluid Level Data  
 May 1991 - December 2025  
 OXY USA WTP Limited Partnership, Indian Basin Gas Plant, Eddy County, New Mexico

| Well ID       | Date            | Measuring Point<br>Elevation<br>(feet amsl) | Depth to<br>Water<br>(feet bmp) | Condensate<br>Thickness<br>(feet) | Corrected Water-Level<br>Elevation<br>(feet amsl) |
|---------------|-----------------|---|---------------------------------|-----------------------------------|---|
| MW-77         | 4/17/1996       | 3775.48                                     | 78.95                           | 0                                 | 3696.53   |
| MW-77         | 7/16/1996       | 3775.48                                     | 79.42                           | 0                                 | 3696.06   |
| MW-77         | 10/14/1996      | 3775.48                                     | 80.02                           | 0                                 | 3695.46   |
| MW-77         | 2/4/1997        | 3775.48                                     | D                               | 0                                 | --  |
| MW-77         | 4/29/1997       | 3775.48                                     | 80.35                           | 0                                 | 3695.13   |
| MW-77         | 7/15/1997       | 3775.48                                     | 80.31                           | 0                                 | 3695.17   |
| MW-77         | 10/14/1997      | 3775.48                                     | 78.92                           | 0                                 | 3696.56   |
| MW-77         | 1/28/1998       | 3775.48                                     | 77.00                           | 0                                 | 3698.48   |
| MW-77         | 4/27/1998       | 3775.48                                     | 78.48                           | 0                                 | 3697.00   |
| MW-77         | 6/16/1998       | 3775.48                                     | 75.30                           | 0                                 | 3700.18   |
| MW-77         | 10/10/1998      | 3775.48                                     | 79.84                           | 0                                 | 3695.64   |
| MW-77         | 1/27/1999       | 3775.48                                     | 76.41                           | 0                                 | 3699.07   |
| MW-77         | 4/19/1999       | 3775.48                                     | 77.50                           | 0                                 | 3697.98   |
| MW-77         | 1/5/2000        | 3775.48                                     | 79.36                           | 0                                 | 3696.12   |
| MW-77         | 4/26/2000       | 3775.48                                     | 78.57                           | 0                                 | 3696.91   |
| MW-77         | 9/27/2000       | 3775.48                                     | 78.86                           | 0                                 | 3696.62   |
| MW-77         | 4/16/2001       | 3775.48                                     | 79.91                           | 0                                 | 3695.57   |
| MW-77         | 10/29/2001      | 3775.48                                     | 79.72                           | 0                                 | 3695.76   |
| MW-77         | 4/15/2002       | 3775.48                                     | 80.42                           | 0                                 | 3695.06   |
| MW-77*        | 10/14/2002      | 3775.48                                     | 57.95                           | 0                                 | 3717.53   |
| MW-77         | 04/15/2003      | 3775.48                                     | 69.95                           | 0                                 | 3705.53   |
| MW-77         | 10/14/2003      | 3775.48                                     | 73.98                           | 0                                 | 3701.50   |
| MW-77         | 4/5/2004        | 3775.48                                     | 79.88                           | 0                                 | 3695.60   |
| MW-77         | 10/5/2004       | 3775.48                                     | 63.37                           | 0                                 | 3712.11   |
| MW-77         | 4/19/2005       | 3775.48                                     | 67.06                           | 0                                 | 3708.42   |
| MW-77         | 10/24/2005      | 3775.48                                     | 63.89                           | 0                                 | 3711.59   |
| MW-77         | 4/18/2006       | 3775.48                                     | 80.43                           | 0                                 | 3695.05   |
| MW-77         | 10/11/2006      | 3775.48                                     | 78.89                           | 0                                 | 3696.59   |
| MW-77         | 4/17/2007       | 3775.48                                     | 76.32                           | 0                                 | 3699.16   |
| MW-77         | 10/22/2007      | 3775.48                                     | 73.36                           | 0                                 | 3702.12   |
| MW-77         | 5/27/2009       | 3775.48                                     | D                               | 0                                 | --  |
| MW-77         | 6/21/2010       | 3775.48                                     | 80.57                           | 0                                 | 3694.91   |
| MW-77         | 12/28/2010      | 3775.48                                     | 80.37                           | 0                                 | 3695.11   |
| MW-77         | 6/30/2011       | 3775.48                                     | 80.47                           | 0                                 | 3695.01   |
| MW-77         | 12/15/2011      | 3775.48                                     | 80.55                           | 0                                 | 3694.93   |
| MW-77         | 6/27/2012       | 3775.48                                     | 81.00                           | 0                                 | 3694.48   |
| MW-77         | 12/1/2012       | 3775.48                                     | 80.51                           | 0                                 | 3694.97   |
| MW-77         | 6/1/2013        | 3775.48                                     | 81.00                           | 0                                 | 3694.48   |
| MW-77         | 12/12/2013      | 3775.48                                     | 78.76                           | 0                                 | 3696.72   |
| MW-77         | 6/25/2014       | 3775.48                                     | 71.32                           | 0                                 | 3704.16   |
| MW-77         | 12/16/2014      | 3775.48                                     | 80.45                           | 0                                 | 3695.03   |
| MW-77         | 4/28/2015       | 3775.48                                     | 80.61                           | 0                                 | 3694.87   |
| MW-77         | 10/13/2015      | 3775.48                                     | 80.63                           | 0                                 | 3694.85   |
| MW-77         | 5/24/2016       | 3775.48                                     | 80.47                           | 0                                 | 3695.01   |
| MW-77         | 12/6/2016       | 3775.48                                     | 80.50                           | 0                                 | 3694.98   |
| MW-77         | 7/12/2017       | 3775.48                                     | 80.55                           | 0                                 | 3694.93   |
| MW-77         | 12/17/2017      | 3775.48                                     | 80.41                           | 0                                 | 3695.07   |
| MW-77         | 7/8/2018        | 3775.48                                     | 80.49                           | 0                                 | 3694.99   |
| MW-77         | 11/13/2018      | 3775.48                                     | 80.30                           | 0                                 | 3695.18   |
| MW-77         | 6/24/2019       | 3775.48                                     | 80.26                           | 0                                 | 3695.22   |
| MW-77         | 12/10/2019      | 3775.48                                     | 72.72                           | 0                                 | 3702.76   |
| MW-77         | 6/10/2020       | 3775.48                                     | 80.50                           | 0                                 | 3694.98   |
| MW-77         | 11/2/2020       | 3775.48                                     | 70.62                           | 0                                 | 3704.86   |
| MW-77         | 6/22/2021       | 3775.48                                     | 80.54                           | 0                                 | 3694.94   |
| MW-77         | 12/6/2021       | 3775.48                                     | 77.20                           | 0                                 | 3698.28   |
| MW-77         | 6/23/2022       | 3775.48                                     | 76.04                           | 0                                 | 3699.44   |
| MW-77         | 11/1/2022       | 3775.48                                     | 80.52                           | 0                                 | 3694.96   |
| MW-77         | 6/21/2023       | 3775.48                                     | Dry                             | 0                                 | --  |
| MW-77         | 11/16/2023      | 3775.48                                     | 81.86                           | 0                                 | 3693.62   |
| MW-77         | 6/11/2024       | 3775.48                                     | 80.54                           | 0                                 | 3694.94   |
| MW-77         | 11/21/2024      | 3775.48                                     | 80.46                           | 0                                 | 3695.02   |
| MW-77         | 7/22/2025       | 3775.48                                     | 80.50                           | 0                                 | 3694.98   |
| MW-77         | 12/2/2025       | 3775.48                                     | 80.48                           | 0                                 | 3695.00   |
| <b>MW-106</b> | <b>2/4/1997</b> | <b>3721.97</b>                              | <b>87.97</b>                    | <b>0</b>                          | <b>3634.00</b>                                    |
| MW-106        | 4/28/1997       | 3721.97                                     | 87.59                           | 0                                 | 3634.38   |
| MW-106        | 7/15/1997       | 3721.97                                     | 87.63                           | 0                                 | 3634.34   |
| MW-106        | 10/13/1997      | 3721.97                                     | 88.75                           | 0                                 | 3633.22   |

D = Dry  
 NA = Not Available  
 NG = Not Gauged  
 NR = No Record

**Appendix A**  
 Historic Fluid Level Data  
 May 1991 - December 2025  
 OXY USA WTP Limited Partnership, Indian Basin Gas Plant, Eddy County, New Mexico

| Well ID       | Date            | Measuring Point<br>Elevation<br>(feet amsl) | Depth to<br>Water<br>(feet bmp) | Condensate<br>Thickness<br>(feet) | Corrected Water-Level<br>Elevation<br>(feet amsl) |
|---------------|-----------------|---|---------------------------------|-----------------------------------|---|
| MW-106        | 1/28/1998       | 3721.97                                     | 88.97                           | 0                                 | 3633.00   |
| MW-106        | 4/27/1998       | 3721.97                                     | 89.36                           | 0                                 | 3632.61   |
| MW-106        | 6/15/1998       | 3721.97                                     | 89.63                           | 0                                 | 3632.34   |
| MW-106        | 10/10/1998      | 3721.97                                     | 89.61                           | 0                                 | 3632.36   |
| MW-106        | 1/27/1999       | 3721.97                                     | 86.55                           | 0                                 | 3635.42   |
| MW-106        | 4/19/1999       | 3721.97                                     | 89.58                           | 0                                 | 3632.39   |
| MW-106        | 1/5/2000        | 3721.97                                     | 89.05                           | 0                                 | 3632.92   |
| MW-106        | 4/26/2000       | 3721.97                                     | 89.31                           | 0                                 | 3632.66   |
| MW-106        | 9/27/2000       | 3721.97                                     | 87.98                           | 0                                 | 3633.99   |
| MW-106        | 4/16/2001       | 3721.97                                     | 88.81                           | 0                                 | 3633.16   |
| MW-106        | 10/29/2001      | 3721.97                                     | 89.05                           | 0                                 | 3632.92   |
| MW-106        | 4/15/2002       | 3721.97                                     | 89.05                           | 0                                 | 3632.92   |
| MW-106        | 10/14/2002      | 3721.97                                     | 87.40                           | 0                                 | 3634.57   |
| MW-106        | 04/15/2003      | 3721.97                                     | 88.91                           | 0                                 | 3633.06   |
| MW-106        | 10/14/2003      | 3721.97                                     | 89.94                           | 0                                 | 3632.03   |
| MW-106        | 4/5/2004        | 3721.97                                     | 89.34                           | 0                                 | 3632.63   |
| MW-106        | 10/5/2004       | 3721.97                                     | 75.78                           | 0                                 | 3646.19   |
| MW-106        | 4/19/2005       | 3721.97                                     | 88.54                           | 0                                 | 3633.43   |
| MW-106        | 10/24/2005      | 3721.97                                     | 88.47                           | 0                                 | 3633.50   |
| MW-106        | 4/18/2006       | 3721.97                                     | 89.71                           | 0                                 | 3632.26   |
| MW-106        | 10/11/2006      | 3721.97                                     | 87.09                           | 0                                 | 3634.88   |
| MW-106        | 4/17/2007       | 3721.97                                     | 89.4                            | 0                                 | 3632.57   |
| MW-106        | 10/22/2007      | 3721.97                                     | 88.64                           | 0                                 | 3633.33   |
| MW-106        | 5/27/2009       | 3721.97                                     | D                               | --                                | --  |
| MW-106        | 6/21/2010       | 3721.97                                     | 90.06                           | 0                                 | 3631.91   |
| MW-106        | 12/28/2010      | 3721.97                                     | 89.47                           | 0                                 | 3632.50   |
| MW-106        | 6/30/2011       | 3721.97                                     | 89.93                           | 0                                 | 3632.04   |
| MW-106        | 12/15/2011      | 3721.97                                     | 90.02                           | 0                                 | 3631.95   |
| MW-106        | 6/27/2012       | 3721.97                                     | 87.75                           | 0                                 | 3634.22   |
| MW-106        | 12/1/2012       | 3721.97                                     | 89.71                           | 0                                 | 3632.26   |
| MW-106        | 6/1/2013        | 3721.97                                     | 87.50                           | 0                                 | 3634.47   |
| MW-106        | 12/12/2013      | 3721.97                                     | 88.62                           | 0                                 | 3633.35   |
| MW-106        | 6/25/2014       | 3721.97                                     | 88.27                           | 0                                 | 3633.70   |
| MW-106        | 12/16/2014      | 3721.97                                     | 88.44                           | 0                                 | 3633.53   |
| MW-106        | 4/28/2015       | 3721.97                                     | 89.03                           | 0                                 | 3632.94   |
| MW-106        | 10/13/2015      | 3721.97                                     | 88.01                           | 0                                 | 3633.96   |
| MW-106        | 5/24/2016       | 3721.97                                     | 89.76                           | 0                                 | 3632.21   |
| MW-106        | 12/6/2016       | 3721.97                                     | 89.93                           | 0                                 | 3632.04   |
| MW-106        | 7/12/2017       | 3721.97                                     | 89.79                           | 0                                 | 3632.18   |
| MW-106        | 12/17/2017      | 3721.97                                     | 89.72                           | 0                                 | 3632.25   |
| MW-106        | 7/8/2018        | 3721.97                                     | 89.68                           | 0                                 | 3632.29   |
| MW-106        | 11/13/2018      | 3721.97                                     | 88.54                           | 0                                 | 3633.43   |
| MW-106        | 6/24/2019       | 3721.97                                     | 88.10                           | 0                                 | 3633.87   |
| MW-106        | 12/10/2019      | 3721.97                                     | 88.20                           | 0                                 | 3633.77   |
| MW-106        | 6/10/2020       | 3721.97                                     | 89.50                           | 0                                 | 3632.47   |
| MW-106        | 11/2/2020       | 3721.97                                     | 89.11                           | 0                                 | 3632.86   |
| MW-106        | 6/22/2021       | 3721.97                                     | 88.46                           | 0                                 | 3633.51   |
| MW-106        | 12/6/2021       | 3721.97                                     | 88.79                           | 0                                 | 3633.18   |
| MW-106        | 6/23/2022       | 3721.97                                     | 88.60                           | 0                                 | 3633.37   |
| MW-106        | 11/1/2022       | 3721.97                                     | 89.35                           | 0                                 | 3632.62   |
| MW-106        | 6/21/2023       | 3721.97                                     | 89.34                           | 0                                 | 3632.63   |
| MW-106        | 11/16/2023      | 3721.97                                     | 88.67                           | 0                                 | 3633.30   |
| MW-106        | 6/11/2024       | 3721.97                                     | 85.52                           | 0                                 | 3636.45   |
| MW-106        | 11/21/2024      | 3721.97                                     | 89.73                           | 0                                 | 3632.24   |
| MW-106        | 7/22/2025       | 3721.97                                     | 88.70                           | 0                                 | 3633.27   |
| MW-106        | 12/2/2025       | 3721.97                                     | 88.65                           | 0                                 | 3633.32   |
| <b>MW-126</b> | <b>1/5/2000</b> | <b>3795.58</b>                              | <b>53.08</b>                    | <b>0</b>                          | <b>3742.50</b>                                    |
| MW-126        | 4/26/2000       | 3795.58                                     | 54.03                           | 0                                 | 3741.55   |
| MW-126        | 9/27/2000       | 3795.58                                     | 60.29                           | 0                                 | 3735.29   |
| MW-126        | 4/16/2001       | 3795.58                                     | 54.25                           | 0.52                              | 3741.71   |
| MW-126        | 10/29/2001      | 3795.58                                     | 57.82                           | 2.1                               | 3739.29   |
| MW-126        | 4/15/2002       | 3795.58                                     | 56.95                           | 2.23                              | 3740.26   |
| MW-126        | 10/14/2002      | 3795.58                                     | 54.03                           | 2.57                              | 3743.43   |
| MW-126        | 04/15/2003      | 3796.28                                     | 63.65                           | 3.96                              | 3735.52   |
| MW-126        | 10/14/2003      | 3796.28                                     | 68.01                           | 0                                 | 3728.27   |
| MW-126        | 4/5/2004        | 3796.28                                     | 70.04                           | 0                                 | 3726.24   |
| MW-126        | 10/5/2004       | 3796.28                                     | 48.01                           | 0.01                              | 3748.28   |

D = Dry  
 NA = Not Available  
 NG = Not Gauged  
 NR = No Record

**Appendix A**  
 Historic Fluid Level Data  
 May 1991 - December 2025  
 OXY USA WTP Limited Partnership, Indian Basin Gas Plant, Eddy County, New Mexico

| Well ID | Date       | Measuring Point<br>Elevation<br>(feet amsl) | Depth to<br>Water<br>(feet bmp) | Condensate<br>Thickness<br>(feet) | Corrected Water-Level<br>Elevation<br>(feet amsl) |
|---------|------------|---|---------------------------------|-----------------------------------|---|
| MW-126  | 4/19/2005  | 3796.28                                     | 50.63                           | 0.25                              | 3745.83   |
| MW-126  | 10/24/2005 | 3796.28                                     | 51.78                           | 0                                 | 3744.50   |
| MW-126  | 4/18/2006  | 3796.28                                     | 66.79                           | 0                                 | 3729.49   |
| MW-126  | 10/11/2006 | 3796.28                                     | 51.76                           | 0.08                              | 3744.58   |
| MW-126  | 4/17/2007  | 3796.28                                     | 62.92                           | 0.6                               | 3732.92   |
| MW-126  | 10/22/2007 | 3796.28                                     | 56.30                           | 0                                 | 3739.98   |
| MW-126  | 5/27/2009  | 3796.28                                     | 69.95                           | 0.05                              | 3726.37   |
| MW-126  | 6/21/2010  | 3796.28                                     | 70.40                           | 0.23                              | 3726.05   |
| MW-126  | 12/28/2010 | 3796.28                                     | 66.12                           | 0.56                              | 3730.57   |
| MW-126  | 6/30/2011  | 3796.28                                     | 69.55                           | 0.45                              | 3727.06   |
| MW-126  | 12/15/2011 | 3796.28                                     | 70.21                           | 0.22                              | 3726.23   |
| MW-126  | 6/27/2012  | 3796.28                                     | 67.72                           | 0.29                              | 3728.77   |
| MW-126  | 12/1/2012  | 3796.28                                     | 71.19                           | 0                                 | 3725.10   |
| MW-126  | 6/1/2013   | 3796.28                                     | 72.00                           | 0                                 | 3724.28   |
| MW-126  | 12/12/2013 | 3796.28                                     | 53.52                           | 0.11                              | 3742.84   |
| MW-126  | 6/25/2014  | 3796.28                                     | 63.63                           | 0.08                              | 3732.71   |
| MW-126  | 12/16/2014 | 3796.28                                     | 44.65                           | 0.19                              | 3751.77   |
| MW-126  | 4/28/2015  | 3796.28                                     | 52.46                           | 0.21                              | 3743.97   |
| MW-126  | 10/13/2015 | 3796.28                                     | 65.03                           | 0.27                              | 3731.45   |
| MW-126  | 5/24/2016  | 3796.28                                     | 66.50                           | 0.27                              | 3729.98   |
| MW-126  | 12/6/2016  | 3796.28                                     | 62.04                           | 0.69                              | 3734.74   |
| MW-126  | 7/12/2017  | 3796.28                                     | 69.83                           | 0.3                               | 3726.67   |
| MW-126  | 12/17/2017 | 3796.28                                     | 66.64                           | 0.21                              | 3729.79   |
| MW-126  | 7/8/2018   | 3796.28                                     | 69.72                           | 0.2                               | 3726.71   |
| MW-126  | 11/13/2018 | 3796.28                                     | 67.79                           | 0.16                              | 3728.61   |
| MW-126  | 6/24/2019  | 3796.28                                     | 69.73                           | 0.20                              | 3726.70   |
| MW-126  | 12/10/2019 | 3796.28                                     | 53.72                           | 0.12                              | 3742.65   |
| MW-126  | 6/10/2020  | 3796.28                                     | 65.52                           | 0.12                              | 3730.85   |
| MW-126  | 11/2/2020  | 3796.28                                     | 68.32                           | 0.17                              | 3728.08   |
| MW-126  | 6/22/2021  | 3796.28                                     | 70.36                           | 0.10                              | 3725.99   |
| MW-126  | 12/6/2021  | 3796.28                                     | 48.96                           | 0.12                              | 3747.41   |
| MW-126  | 6/23/2022  | 3796.28                                     | 88.93                           | 0.44                              | 3707.67   |
| MW-126  | 11/1/2022  | 3796.28                                     | 63.69                           | 0.15                              | 3732.70   |
| MW-126  | 6/21/2023  | 3796.28                                     | D                               | 0.00                              | --  |
| MW-126  | 11/16/2023 | 3796.28                                     | 68.91                           | 0.00                              | 3727.37   |
| MW-126  | 6/11/2024  | 3796.28                                     | Dry                             | 0.00                              | --  |
| MW-126  | 11/21/2024 | 3796.28                                     | 69.12                           | 0.00                              | 3727.16   |
| MW-126  | 7/22/2025  | 3796.28                                     | Dry                             | 0.00                              | --  |
| MW-126  | 12/2/2025  | 3796.28                                     | 69.93                           | 0.00                              | 3726.35   |

**Lower Queen Wells**

| MW-58 | 7/16/1991  | 3824.07 | 197.91 | 0    | 3626.16 |
|-------|------------|---------|--------|------|---------|
| MW-58 | 8/21/1991  | 3824.07 | 193.76 | 0    | 3630.31 |
| MW-58 | 9/18/1991  | 3824.07 | 193.26 | 0    | 3630.81 |
| MW-58 | 10/22/1991 | 3824.07 | 194.45 | 0    | 3629.62 |
| MW-58 | 11/15/1991 | 3824.07 | 194.77 | 0    | 3629.30 |
| MW-58 | 1/16/1996  | 3824.07 | D      | --   | --      |
| MW-58 | 7/16/1996  | 3824.07 | D      | --   | --      |
| MW-58 | 10/14/1996 | 3824.07 | 196.01 | 0.01 | 3628.06 |
| MW-58 | 2/4/1997   | 3824.07 | 203.00 | 0    | 3621.07 |
| MW-58 | 4/28/1997  | 3824.07 | 204.14 | 0    | 3619.93 |
| MW-58 | 7/15/1997  | 3824.07 | 197.66 | 0    | 3626.41 |
| MW-58 | 10/11/1997 | 3824.07 | 199.20 | 0.3  | 3625.08 |
| MW-58 | 10/9/1997  | 3824.07 | 199.52 | 0.67 | 3625.03 |
| MW-58 | 10/14/1997 | 3824.07 | 196.10 | 0    | 3627.97 |
| MW-58 | 1/28/1998  | 3824.07 | 198.55 | 0    | 3625.52 |
| MW-58 | 5/28/1998  | 3824.07 | 205.14 | 0    | 3618.93 |
| MW-58 | 10/11/1998 | 3824.07 | 200.48 | 0    | 3623.59 |
| MW-58 | 1/27/1999  | 3824.07 | D      | --   | --      |
| MW-58 | 4/19/1999  | 3824.07 | 217.17 | 0    | 3606.90 |
| MW-58 | 1/5/2000   | 3824.07 | 210.57 | 0    | 3613.50 |
| MW-58 | 4/26/2000  | 3824.07 | 223.51 | 0    | 3600.56 |
| MW-58 | 9/27/2000  | 3824.07 | 220.18 | 0    | 3603.89 |
| MW-58 | 4/16/2001  | 3824.07 | 114.83 | 0    | 3709.24 |
| MW-58 | 10/29/2001 | 3824.07 | 177.31 | 0    | 3644.41 |
| MW-58 | 4/15/2002  | 3824.07 | 201.92 | 0    | 3622.15 |
| MW-58 | 10/14/2002 | 3824.07 | 199.69 | 0    | 3624.38 |
| MW-58 | 2/13/2003  | 3824.07 | 201.08 | 0    | 3622.99 |

D = Dry  
 NA = Not Available  
 NG = Not Gauged  
 NR = No Record

**Appendix A**  
 Historic Fluid Level Data  
 May 1991 - December 2025  
 OXY USA WTP Limited Partnership, Indian Basin Gas Plant, Eddy County, New Mexico

| Well ID | Date       | Measuring Point<br>Elevation<br>(feet amsl) | Depth to<br>Water<br>(feet bmp) | Condensate<br>Thickness<br>(feet) | Corrected Water-Level<br>Elevation<br>(feet amsl) |
|---------|------------|---|---------------------------------|-----------------------------------|---|
| MW-58   | 3/10/2003  | 3824.07                                     | 202.20                          | 0                                 | 3621.87   |
| MW-58   | 04/15/2003 | 3824.07                                     | 201.17                          | 0                                 | 3622.90   |
| MW-58   | 5/15/2003  | 3824.07                                     | 201.82                          | 0                                 | 3622.25   |
| MW-58   | 6/24/2003  | 3824.07                                     | 201.71                          | 0                                 | 3622.36   |
| MW-58   | 7/15/2003  | 3824.07                                     | 202.89                          | 0                                 | 3621.18   |
| MW-58   | 8/8/2003   | 3824.07                                     | 201.98                          | 0                                 | 3622.09   |
| MW-58   | 9/12/2005  | 3824.07                                     | 202.20                          | 0                                 | 3621.87   |
| MW-58   | 10/14/2003 | 3824.07                                     | 202.19                          | 0                                 | 3621.88   |
| MW-58   | 11/7/2003  | 3824.07                                     | 202.29                          | 0                                 | 3621.78   |
| MW-58   | 12/4/2003  | 3824.07                                     | 202.26                          | 0                                 | 3621.81   |
| MW-58   | 1/8/2004   | 3824.07                                     | 202.38                          | 0.1                               | 3621.76   |
| MW-58   | 2/12/2004  | 3824.07                                     | 202.47                          | 0                                 | 3621.60   |
| MW-58   | 3/25/2004  | 3824.07                                     | 202.49                          | 0                                 | 3621.58   |
| MW-58   | 4/5/2004   | 3824.07                                     | 202.32                          | 0                                 | 3621.75   |
| MW-58   | 5/27/2004  | 3824.07                                     | 201.37                          | 0.01                              | 3622.71   |
| MW-58   | 6/17/2004  | 3824.07                                     | 202.00                          | 0                                 | 3622.07   |
| MW-58   | 7/15/2004  | 3824.07                                     | 202.08                          | 0                                 | 3621.99   |
| MW-58   | 8/19/2004  | 3824.07                                     | 202.98                          | 0.06                              | 3621.13   |
| MW-58   | 9/9/2004   | 3824.07                                     | 201.74                          | 0                                 | 3622.33   |
| MW-58   | 10/5/2004  | 3824.07                                     | 198.82                          | 0                                 | 3625.25   |
| MW-58   | 11/19/2004 | 3824.07                                     | 199.30                          | 0.28                              | 3624.97   |
| MW-58   | 12/7/2004  | 3824.07                                     | 202.14                          | 0                                 | 3621.93   |
| MW-58   | 1/11/2005  | 3824.07                                     | 200.70                          | 0.58                              | 3623.79   |
| MW-58   | 2/8/2005   | 3824.07                                     | 200.56                          | 0                                 | 3623.51   |
| MW-58   | 3/8/2005   | 3824.07                                     | 200.87                          | 0                                 | 3623.20   |
| MW-58   | 4/19/2005  | 3824.07                                     | 207.19                          | 0                                 | 3616.88   |
| MW-58   | 5/9/2005   | 3824.07                                     | 207.19                          | 0                                 | 3616.88   |
| MW-58   | 6/21/2005  | 3824.07                                     | 200.04                          | 0                                 | 3624.03   |
| MW-58   | 7/19/2005  | 3824.07                                     | 199.94                          | 0                                 | 3624.13   |
| MW-58   | 8/8/2005   | 3824.07                                     | 200.03                          | 0                                 | 3624.04   |
| MW-58   | 9/20/2005  | 3824.07                                     | 199.02                          | 0                                 | 3625.05   |
| MW-58   | 10/24/2005 | 3824.07                                     | 199.84                          | 0.46                              | 3624.57   |
| MW-58   | 4/18/2006  | 3824.07                                     | 200.05                          | 0                                 | 3624.02   |
| MW-58   | 10/11/2006 | 3824.07                                     | 199.04                          | 0.2                               | 3625.18   |
| MW-58   | 4/16/2007  | 3824.07                                     | 200.49                          | 0.52                              | 3623.20   |
| MW-58   | 10/22/2007 | 3824.07                                     | 199.65                          | 0                                 | 3624.42   |
| MW-58   | 5/27/2009  | 3824.07                                     | 200.73                          | 5.26                              | 3627.18   |
| MW-58   | 6/21/2010  | 3824.07                                     | 200.74                          | 0.11                              | 3623.41   |
| MW-58   | 12/28/2010 | 3824.07                                     | 200.71                          | 0.40                              | 3623.65   |
| MW-58   | 6/30/2011  | 3824.07                                     | 198.01                          | 2.29                              | 3627.73   |
| MW-58   | 12/15/2011 | 3824.07                                     | 201.30                          | 0.13                              | 3622.86   |
| MW-58   | 6/27/2012  | 3824.07                                     | 197.05                          | 2.35                              | 3628.74   |
| MW-58   | 12/1/2012  | 3824.07                                     | 201.80                          | 0.63                              | 3622.73   |
| MW-58   | 6/1/2013   | 3824.07                                     | 202.38                          | 0.53                              | 3622.08   |
| MW-58   | 12/12/2013 | 3824.07                                     | 201.15                          | 0.31                              | 3623.15   |
| MW-58   | 6/25/2014  | 3824.07                                     | 201.56                          | 0                                 | 3622.51   |
| MW-58   | 12/16/2014 | 3824.07                                     | 199.18                          | 0                                 | 3624.89   |
| MW-58   | 4/28/2015  | 3824.07                                     | 199.71                          | 0.02                              | 3624.37   |
| MW-58*  | 10/13/2015 | 3824.07                                     | 160.00                          | 0                                 | 3664.07   |
| MW-58*  | 5/24/2016  | 3824.07                                     | 195.31                          | 0.001                             | 3628.76   |
| MW-58*  | 12/6/2016  | 3824.07                                     | 130.48                          | 0.001                             | 3693.59   |
| MW-58*  | 7/12/2017  | 3824.07                                     | 189.15                          | 0.001                             | 3634.92   |
| MW-58   | 12/17/2017 | 3824.07                                     | 200.16                          | 0                                 | 3623.91   |
| MW-58   | 7/8/2018   | 3824.07                                     | 184.53                          | 0                                 | 3639.54   |
| MW-58   | 11/13/2018 | 3824.07                                     | 200.56                          | 0                                 | 3623.51   |
| MW-58   | 6/24/2019  | 3824.07                                     | 200.50                          | 0.3                               | 3623.79   |
| MW-58   | 12/10/2019 | 3824.07                                     | 199.40                          | 0.2                               | 3624.82   |
| MW-58   | 6/10/2020  | 3824.07                                     | 199.35                          | 0.01                              | 3624.73   |
| MW-58   | 11/2/2020  | 3824.07                                     | 200.90                          | 0.07                              | 3623.22   |
| MW-58   | 6/22/2021  | 3824.07                                     | 200.99                          | 0.22                              | 3623.24   |
| MW-58   | 12/6/2021  | 3824.07                                     | 195.97                          | 0.01                              | 3628.11   |
| MW-58   | 6/23/2022  | 3824.07                                     | 201.02                          | 0.15                              | 3623.16   |
| MW-58   | 11/1/2022  | 3824.07                                     | 198.92                          | 0                                 | 3625.15   |
| MW-58   | 6/21/2023  | 3824.07                                     | 198.58                          | 0                                 | 3625.49   |
| MW-58   | 11/16/2023 | 3824.07                                     | 197.82                          | 0                                 | 3626.25   |
| MW-58   | 6/11/2024  | 3824.07                                     | 181.67                          | 0                                 | 3642.40   |
| MW-58   | 11/21/2024 | 3824.07                                     | 185.78                          | 0                                 | 3638.29   |
| MW-58   | 7/22/2025  | 3824.07                                     | 183.25                          | 0                                 | 3640.82   |

D = Dry  
 NA = Not Available  
 NG = Not Gauged  
 NR = No Record

**Appendix A**  
 Historic Fluid Level Data  
 May 1991 - December 2025  
 OXY USA WTP Limited Partnership, Indian Basin Gas Plant, Eddy County, New Mexico

| Well ID      | Date             | Measuring Point<br>Elevation<br>(feet amsl) | Depth to<br>Water<br>(feet bmp) | Condensate<br>Thickness<br>(feet) | Corrected Water-Level<br>Elevation<br>(feet amsl) |
|--------------|------------------|---|---------------------------------|-----------------------------------|---|
| MW-58        | 12/2/2025        | 3824.07                                     | 181.65                          | 0                                 | 3642.42   |
| <b>MW-66</b> | <b>8/21/1991</b> | <b>3828.98</b>                              | <b>196.77</b>                   | <b>0</b>                          | <b>3632.21</b>                                    |
| MW-66        | 9/18/1991        | 3828.98                                     | 198.73                          | 0                                 | 3630.25   |
| MW-66        | 10/22/1991       | 3828.98                                     | 199.70                          | 0                                 | 3629.28   |
| MW-66        | 11/15/1991       | 3828.98                                     | 199.88                          | 0                                 | 3629.10   |
| MW-66        | 3/1/1992         | 3828.98                                     | 200.37                          | 0                                 | 3628.61   |
| MW-66        | 4/1/1992         | 3828.98                                     | 200.25                          | 0                                 | 3628.73   |
| MW-66        | 5/1/1992         | 3828.98                                     | 195.25                          | 0                                 | 3633.73   |
| MW-66        | 6/1/1992         | 3828.98                                     | 196.08                          | 0                                 | 3632.90   |
| MW-66        | 7/1/1992         | 3828.98                                     | 197.35                          | 0                                 | 3631.63   |
| MW-66        | 8/1/1992         | 3828.98                                     | 197.77                          | 0                                 | 3631.21   |
| MW-66        | 9/1/1992         | 3828.98                                     | 198.17                          | 0                                 | 3630.81   |
| MW-66        | 10/1/1992        | 3828.98                                     | 198.40                          | 0                                 | 3630.58   |
| MW-66        | 11/1/1992        | 3828.98                                     | 198.76                          | 0                                 | 3630.22   |
| MW-66        | 12/1/1992        | 3828.98                                     | 198.98                          | 0                                 | 3630.00   |
| MW-66        | 1/1/1993         | 3828.98                                     | 199.10                          | 0                                 | 3629.88   |
| MW-66        | 2/1/1993         | 3828.98                                     | 199.23                          | 0                                 | 3629.75   |
| MW-66        | 3/1/1993         | 3828.98                                     | 199.49                          | 0                                 | 3629.49   |
| MW-66        | 4/1/1993         | 3828.98                                     | 199.38                          | 0                                 | 3629.60   |
| MW-66        | 5/1/1993         | 3828.98                                     | 199.63                          | 0                                 | 3629.35   |
| MW-66        | 6/1/1993         | 3828.98                                     | 199.59                          | 0                                 | 3629.39   |
| MW-66        | 7/1/1993         | 3828.98                                     | 199.82                          | 0                                 | 3629.16   |
| MW-66        | 8/1/1993         | 3828.98                                     | 199.78                          | 0                                 | 3629.20   |
| MW-66        | 9/1/1993         | 3828.98                                     | 200.01                          | 0                                 | 3628.97   |
| MW-66        | 10/1/1993        | 3828.98                                     | 200.09                          | 0                                 | 3628.89   |
| MW-66        | 11/1/1993        | 3828.98                                     | 200.35                          | 0                                 | 3628.63   |
| MW-66        | 12/1/1993        | 3828.98                                     | 200.42                          | 0                                 | 3628.56   |
| MW-66        | 1/1/1994         | 3828.98                                     | 200.33                          | 0                                 | 3628.65   |
| MW-66        | 2/1/1994         | 3828.98                                     | 201.39                          | 0                                 | 3627.59   |
| MW-66        | 3/1/1994         | 3828.98                                     | 201.44                          | 0                                 | 3627.54   |
| MW-66        | 4/1/1994         | 3828.98                                     | 201.36                          | 0                                 | 3627.62   |
| MW-66        | 5/1/1994         | 3828.98                                     | 201.26                          | 0                                 | 3627.72   |
| MW-66        | 7/1/1994         | 3828.98                                     | 200.91                          | 0                                 | 3628.07   |
| MW-66        | 8/1/1994         | 3828.98                                     | 199.86                          | 0                                 | 3629.12   |
| MW-66        | 9/1/1994         | 3828.98                                     | 200.66                          | 0                                 | 3628.32   |
| MW-66        | 10/1/1994        | 3828.98                                     | 200.83                          | 0                                 | 3628.15   |
| MW-66        | 12/1/1994        | 3828.98                                     | 201.96                          | 0                                 | 3627.02   |
| MW-66        | 1/1/1995         | 3828.98                                     | 201.04                          | 0                                 | 3627.94   |
| MW-66        | 4/1/1995         | 3828.98                                     | 202.26                          | 0                                 | 3626.72   |
| MW-66        | 7/1/1995         | 3828.98                                     | 201.59                          | 0                                 | 3627.39   |
| MW-66        | 10/1/1995        | 3828.98                                     | 201.62                          | 0                                 | 3627.36   |
| MW-66        | 1/16/1996        | 3828.98                                     | 200.89                          | 0                                 | 3628.09   |
| MW-66        | 4/17/1996        | 3828.98                                     | 202.29                          | 0                                 | 3626.69   |
| MW-66        | 7/16/1996        | 3828.98                                     | 202.45                          | 0                                 | 3626.53   |
| MW-66        | 10/13/1996       | 3828.98                                     | 200.80                          | 0                                 | 3628.18   |
| MW-66        | 2/4/1997         | 3828.98                                     | 202.60                          | 0                                 | 3626.38   |
| MW-66        | 4/28/1997        | 3828.98                                     | 202.84                          | 0                                 | 3626.14   |
| MW-66        | 7/14/1997        | 3828.98                                     | 202.72                          | 0                                 | 3626.26   |
| MW-66        | 9/30/1997        | 3828.98                                     | 204.00                          | 0                                 | 3624.98   |
| MW-66        | 10/9/1997        | 3828.98                                     | 204.20                          | 0                                 | 3624.78   |
| MW-66        | 10/13/1997       | 3828.98                                     | 203.77                          | 0                                 | 3625.21   |
| MW-66        | 1/27/1998        | 3828.98                                     | 203.79                          | 0                                 | 3625.19   |
| MW-66        | 4/27/1998        | 3828.98                                     | 204.09                          | 0                                 | 3624.89   |
| MW-66        | 5/28/1998        | 3828.98                                     | 204.18                          | 0                                 | 3624.80   |
| MW-66        | 6/15/1998        | 3828.98                                     | 204.37                          | 0                                 | 3624.61   |
| MW-66        | 10/10/1998       | 3828.98                                     | 204.86                          | 0                                 | 3624.12   |
| MW-66        | 1/27/1999        | 3828.98                                     | 205.05                          | 0                                 | 3623.93   |
| MW-66        | 4/19/1999        | 3828.98                                     | 205.10                          | 0                                 | 3623.88   |
| MW-66        | 1/5/1999         | 3828.98                                     | 205.13                          | 0                                 | 3623.85   |
| MW-66        | 4/26/2000        | 3828.98                                     | 205.41                          | 0                                 | 3623.57   |
| MW-66        | 9/27/2000        | 3828.98                                     | 205.78                          | 0                                 | 3623.20   |
| MW-66        | 4/16/2001        | 3828.98                                     | 205.59                          | 0                                 | 3623.39   |
| MW-66        | 10/29/2001       | 3828.98                                     | 206.04                          | 0                                 | 3622.94   |
| MW-66        | 4/15/2002        | 3828.98                                     | 205.98                          | 0                                 | 3623.00   |
| MW-66        | 10/14/2002       | 3828.98                                     | 199.87                          | 0                                 | 3629.11   |
| MW-66        | 04/15/2003       | 3828.98                                     | 205.39                          | 0                                 | 3623.59   |
| MW-66        | 10/14/2003       | 3828.98                                     | 206.41                          | 0                                 | 3622.57   |

D = Dry  
 NA = Not Available  
 NG = Not Gauged  
 NR = No Record

**Appendix A**  
 Historic Fluid Level Data  
 May 1991 - December 2025  
 OXY USA WTP Limited Partnership, Indian Basin Gas Plant, Eddy County, New Mexico

| Well ID      | Date             | Measuring Point<br>Elevation<br>(feet amsl) | Depth to<br>Water<br>(feet bmp) | Condensate<br>Thickness<br>(feet) | Corrected Water-Level<br>Elevation<br>(feet amsl) |
|--------------|------------------|---|---------------------------------|-----------------------------------|---|
| MW-66        | 4/5/2004         | 3828.98                                     | 206.65                          | 0                                 | 3622.33   |
| MW-66        | 10/5/2004        | 3828.98                                     | 203.05                          | 0                                 | 3625.93   |
| MW-66        | 4/19/2005        | 3828.98                                     | 205.48                          | 0                                 | 3623.50   |
| MW-66        | 10/24/2005       | 3828.98                                     | 204.97                          | 0                                 | 3624.01   |
| MW-66        | 4/18/2006        | 3828.98                                     | 205.44                          | 0                                 | 3623.54   |
| MW-66        | 10/11/2006       | 3828.98                                     | 204.64                          | 0                                 | 3624.34   |
| MW-66        | 4/16/2007        | 3828.98                                     | 205.51                          | 0                                 | 3623.47   |
| MW-66        | 10/22/2007       | 3828.98                                     | 205.29                          | 0                                 | 3623.69   |
| MW-66        | 5/27/2009        | 3828.98                                     | 206.47                          | 0                                 | 3622.51   |
| MW-66        | 6/21/2010        | 3828.98                                     | 206.82                          | 0                                 | 3622.16   |
| MW-66        | 12/28/2010       | 3828.98                                     | 206.46                          | 0                                 | 3622.52   |
| MW-66        | 6/30/2011        | 3828.98                                     | 206.94                          | 0                                 | 3622.04   |
| MW-66        | 12/15/2011       | 3828.98                                     | 207.46                          | 0                                 | 3621.52   |
| MW-66        | 6/27/2012        | 3828.98                                     | 208.46                          | 0                                 | 3620.52   |
| MW-66        | 12/1/2012        | 3828.98                                     | 208.19                          | 0                                 | 3620.79   |
| MW-66        | 6/1/2013         | 3828.98                                     | 208.46                          | 0                                 | 3620.52   |
| MW-66        | 12/12/2013       | 3828.98                                     | 207.25                          | 0                                 | 3621.73   |
| MW-66        | 6/25/2014        | 3828.98                                     | 208.02                          | 0                                 | 3620.96   |
| MW-66        | 12/16/2014       | 3828.98                                     | 205.98                          | 0                                 | 3623.00   |
| MW-66        | 4/28/2015        | 3828.98                                     | 206.73                          | 0                                 | 3622.25   |
| MW-66        | 10/13/2015       | 3828.98                                     | 206.90                          | 0                                 | 3622.08   |
| MW-66        | 5/24/2016        | 3828.98                                     | 207.28                          | 0                                 | 3621.70   |
| MW-66        | 12/6/2016        | 3828.98                                     | 207.91                          | 0                                 | 3621.07   |
| MW-66        | 7/12/2017        | 3828.98                                     | 207.28                          | 0                                 | 3621.70   |
| MW-66        | 12/17/2017       | 3828.98                                     | 206.75                          | 0                                 | 3622.23   |
| MW-66        | 7/8/2018         | 3828.98                                     | 209.58                          | 0                                 | 3619.40   |
| MW-66        | 11/13/2018       | 3828.98                                     | 206.90                          | 0                                 | 3622.08   |
| MW-66        | 6/24/2019        | 3828.98                                     | 206.78                          | 0                                 | 3622.20   |
| MW-66        | 12/10/2019       | 3828.98                                     | 205.96                          | 0                                 | 3623.02   |
| MW-66        | 6/10/2020        | 3828.98                                     | 206.12                          | 0                                 | 3622.86   |
| MW-66        | 11/2/2020        | 3828.98                                     | 206.36                          | 0                                 | 3622.62   |
| MW-66        | 6/22/2021        | 3828.98                                     | 206.87                          | 0                                 | 3622.11   |
| MW-66        | 12/6/2021        | 3828.98                                     | 206.41                          | 0                                 | 3622.57   |
| MW-66        | 6/23/2022        | 3828.98                                     | 203.99                          | 0                                 | 3624.99   |
| MW-66        | 11/1/2022        | 3828.98                                     | 204.00                          | 0                                 | 3624.98   |
| MW-66        | 6/21/2023        | 3828.98                                     | 204.34                          | 0                                 | 3624.64   |
| MW-66        | 11/16/2023       | 3828.98                                     | 204.39                          | 0                                 | 3624.59   |
| MW-66        | 6/11/2024        | 3828.98                                     | 205.05                          | 0                                 | 3623.93   |
| MW-66        | 11/21/2024       | 3828.98                                     | 205.33                          | 0                                 | 3623.65   |
| MW-66        | 7/22/2025        | 3828.98                                     | 204.82                          | 0                                 | 3624.16   |
| MW-66        | 12/2/2025        | 3828.98                                     | 205.24                          | 0                                 | 3623.74   |
| <b>MW-70</b> | <b>9/18/1991</b> | <b>3822.57</b>                              | <b>191.59</b>                   | <b>0</b>                          | <b>3630.98</b>                                    |
| MW-70        | 10/22/1991       | 3822.57                                     | 191.68                          | 0                                 | 3630.89   |
| MW-70        | 11/15/1991       | 3822.57                                     | 192.20                          | 0                                 | 3630.37   |
| MW-70        | 3/1/1992         | 3822.57                                     | 192.74                          | 0                                 | 3629.83   |
| MW-70        | 4/1/1992         | 3822.57                                     | 192.62                          | 0                                 | 3629.95   |
| MW-70        | 5/1/1992         | 3822.57                                     | 189.97                          | 0                                 | 3632.60   |
| MW-70        | 6/1/1992         | 3822.57                                     | 188.42                          | 0                                 | 3634.15   |
| MW-70        | 7/1/1992         | 3822.57                                     | 188.87                          | 0                                 | 3633.70   |
| MW-70        | 8/1/1992         | 3822.57                                     | 189.54                          | 0                                 | 3633.03   |
| MW-70        | 9/1/1992         | 3822.57                                     | 190.02                          | 0                                 | 3632.55   |
| MW-70        | 10/1/1992        | 3822.57                                     | 190.48                          | 0                                 | 3632.09   |
| MW-70        | 11/1/1992        | 3822.57                                     | 190.86                          | 0                                 | 3631.71   |
| MW-70        | 12/1/1992        | 3822.57                                     | 191.17                          | 0                                 | 3631.40   |
| MW-70        | 1/1/1993         | 3822.57                                     | 191.39                          | 0                                 | 3631.18   |
| MW-70        | 2/1/1993         | 3822.57                                     | 191.54                          | 0                                 | 3631.03   |
| MW-70        | 3/1/1993         | 3822.57                                     | 191.77                          | 0                                 | 3630.80   |
| MW-70        | 4/1/1993         | 3822.57                                     | 191.80                          | 0                                 | 3630.77   |
| MW-70        | 5/1/1993         | 3822.57                                     | 192.09                          | 0                                 | 3630.48   |
| MW-70        | 6/1/1993         | 3822.57                                     | 192.18                          | 0                                 | 3630.39   |
| MW-70        | 7/1/1993         | 3822.57                                     | 192.32                          | 0                                 | 3630.25   |
| MW-70        | 8/1/1993         | 3822.57                                     | 192.30                          | 0                                 | 3630.27   |
| MW-70        | 9/1/1993         | 3822.57                                     | 192.53                          | 0                                 | 3630.04   |
| MW-70        | 10/1/1993        | 3822.57                                     | 192.65                          | 0                                 | 3629.92   |
| MW-70        | 11/1/1993        | 3822.57                                     | 192.91                          | 0                                 | 3629.66   |
| MW-70        | 12/1/1993        | 3822.57                                     | 192.96                          | 0                                 | 3629.61   |
| MW-70        | 1/1/1994         | 3822.57                                     | 192.99                          | 0                                 | 3629.58   |

D = Dry  
 NA = Not Available  
 NG = Not Gauged  
 NR = No Record

**Appendix A**  
 Historic Fluid Level Data  
 May 1991 - December 2025  
 OXY USA WTP Limited Partnership, Indian Basin Gas Plant, Eddy County, New Mexico

| Well ID | Date       | Measuring Point<br>Elevation<br>(feet amsl) | Depth to<br>Water<br>(feet bmp) | Condensate<br>Thickness<br>(feet) | Corrected Water-Level<br>Elevation<br>(feet amsl) |
|---------|------------|---|---------------------------------|-----------------------------------|---|
| MW-70   | 2/1/1994   | 3822.57                                     | 194.02                          | 0                                 | 3628.55   |
| MW-70   | 3/1/1994   | 3822.57                                     | 194.00                          | 0                                 | 3628.57   |
| MW-70   | 4/1/1994   | 3822.57                                     | 193.19                          | 0                                 | 3629.38   |
| MW-70   | 5/1/1994   | 3822.57                                     | 193.86                          | 0                                 | 3628.71   |
| MW-70   | 7/1/1994   | 3822.57                                     | 193.59                          | 0                                 | 3628.98   |
| MW-70   | 8/1/1994   | 3822.57                                     | 193.09                          | 0                                 | 3629.48   |
| MW-70   | 9/1/1994   | 3822.57                                     | 193.17                          | 0                                 | 3629.40   |
| MW-70   | 10/1/1994  | 3822.57                                     | 193.38                          | 0                                 | 3629.19   |
| MW-70   | 12/1/1994  | 3822.57                                     | 194.58                          | 0                                 | 3627.99   |
| MW-70   | 1/1/1995   | 3822.57                                     | 192.83                          | 0                                 | 3629.74   |
| MW-70   | 4/1/1995   | 3822.57                                     | 194.11                          | 0                                 | 3628.46   |
| MW-70   | 7/1/1995   | 3822.57                                     | 194.19                          | 0                                 | 3628.38   |
| MW-70   | 10/1/1995  | 3822.57                                     | 194.19                          | 0                                 | 3628.38   |
| MW-70   | 1/16/1996  | 3822.57                                     | 194.68                          | 0                                 | 3627.89   |
| MW-70   | 4/17/1996  | 3822.57                                     | 194.94                          | 0                                 | 3627.63   |
| MW-70   | 7/15/1996  | 3822.57                                     | 194.70                          | 0                                 | 3627.87   |
| MW-70   | 10/13/1996 | 3822.57                                     | 193.98                          | 0                                 | 3628.59   |
| MW-70   | 2/3/1997   | 3822.57                                     | 194.47                          | 0                                 | 3628.10   |
| MW-70   | 4/28/1997  | 3822.57                                     | 195.01                          | 0                                 | 3627.56   |
| MW-70   | 7/14/1997  | 3822.57                                     | 195.44                          | 0                                 | 3627.13   |
| MW-70   | 10/1/1997  | 3822.57                                     | 196.20                          | 0                                 | 3626.37   |
| MW-70   | 10/13/1997 | 3822.57                                     | 196.05                          | 0                                 | 3626.52   |
| MW-70   | 10/29/1997 | 3822.57                                     | 196.24                          | 0.01                              | 3626.33   |
| MW-70   | 11/4/1997  | 3822.57                                     | 196.35                          | 0                                 | 3626.22   |
| MW-70   | 11/12/1997 | 3822.57                                     | 196.34                          | 0                                 | 3626.23   |
| MW-70   | 11/19/1997 | 3822.57                                     | 196.36                          | 0.01                              | 3626.21   |
| MW-70   | 11/24/1997 | 3822.57                                     | 196.36                          | 0                                 | 3626.21   |
| MW-70   | 12/10/1997 | 3822.57                                     | 196.47                          | 0                                 | 3626.10   |
| MW-70   | 1/27/1998  | 3822.57                                     | 196.22                          | 0                                 | 3626.35   |
| MW-70   | 2/25/1998  | 3822.57                                     | 196.45                          | 0                                 | 3626.12   |
| MW-70   | 4/27/1998  | 3822.57                                     | 196.48                          | 0                                 | 3626.09   |
| MW-70   | 5/28/1998  | 3822.57                                     | 196.91                          | 0                                 | 3625.66   |
| MW-70   | 6/15/1998  | 3822.57                                     | 196.74                          | 0                                 | 3625.83   |
| MW-70   | 10/9/1998  | 3822.57                                     | 197.27                          | 0                                 | 3625.30   |
| MW-70   | 1/27/1999  | 3822.57                                     | 199.24                          | 0                                 | 3623.33   |
| MW-70   | 4/19/1999  | 3822.57                                     | 197.40                          | 0                                 | 3625.17   |
| MW-70   | 1/5/2000   | 3822.57                                     | 197.73                          | 0                                 | 3624.84   |
| MW-70   | 4/26/2000  | 3822.57                                     | 197.71                          | 0                                 | 3624.86   |
| MW-70   | 9/27/2000  | 3822.57                                     | 198.02                          | 0                                 | 3624.55   |
| MW-70   | 4/16/2001  | 3822.57                                     | 198.34                          | 0                                 | 3624.23   |
| MW-70   | 10/29/2001 | 3822.57                                     | 198.30                          | 0                                 | 3624.27   |
| MW-70   | 4/15/2002  | 3822.57                                     | 198.85                          | 0                                 | 3623.72   |
| MW-70   | 10/14/2002 | 3822.57                                     | 196.95                          | 0                                 | 3625.62   |
| MW-70   | 04/15/2003 | 3822.57                                     | 198.12                          | 0                                 | 3624.45   |
| MW-70   | 10/14/2003 | 3822.57                                     | 199.14                          | 0                                 | 3623.43   |
| MW-70   | 4/5/2004   | 3822.57                                     | 199.41                          | 0                                 | 3623.16   |
| MW-70   | 10/5/2004  | 3822.57                                     | 197.30                          | 0                                 | 3625.27   |
| MW-70   | 4/19/2005  | 3822.57                                     | 197.70                          | 0                                 | 3624.87   |
| MW-70   | 10/24/2005 | 3822.57                                     | 197.24                          | 0                                 | 3625.33   |
| MW-70   | 4/18/2006  | 3822.57                                     | 198.46                          | 0                                 | 3624.11   |
| MW-70   | 10/11/2006 | 3822.57                                     | 196.99                          | 0                                 | 3625.58   |
| MW-70   | 4/17/2007  | 3822.57                                     | 198.51                          | 0                                 | 3624.06   |
| MW-70   | 10/22/2007 | 3822.57                                     | 198.03                          | 0                                 | 3624.54   |
| MW-70   | 5/27/2009  | 3822.57                                     | 199.45                          | 0                                 | 3623.12   |
| MW-70   | 6/21/2010  | 3822.57                                     | 199.54                          | 0                                 | 3623.03   |
| MW-70   | 12/28/2010 | 3822.57                                     | 199.13                          | 0                                 | 3623.44   |
| MW-70   | 6/30/2011  | 3822.57                                     | 199.75                          | 0                                 | 3622.82   |
| MW-70   | 12/15/2011 | 3822.57                                     | 204.65                          | 0                                 | 3617.92   |
| MW-70   | 6/27/2012  | 3822.57                                     | 201.46                          | 0                                 | 3621.11   |
| MW-70   | 12/1/2012  | 3822.57                                     | 200.14                          | 0                                 | 3622.43   |
| MW-70   | 6/1/2013   | 3822.57                                     | 200.49                          | 0                                 | 3622.08   |
| MW-70   | 12/12/2013 | 3822.57                                     | NM                              | NM                                | NM  |
| MW-70   | 6/25/2014  | 3822.57                                     | 201.74                          | 0                                 | 3620.83   |
| MW-70   | 12/16/2014 | 3822.57                                     | 198.48                          | 0                                 | 3624.09   |
| MW-70   | 4/28/2015  | 3822.57                                     | 199.29                          | 0                                 | 3623.28   |
| MW-70   | 10/13/2015 | 3822.57                                     | 199.69                          | 0                                 | 3622.88   |
| MW-70   | 5/24/2016  | 3822.57                                     | 200.21                          | 0                                 | 3622.36   |
| MW-70   | 12/6/2016  | 3822.57                                     | 199.86                          | 0                                 | 3622.71   |

D = Dry  
 NA = Not Available  
 NG = Not Gauged  
 NR = No Record

**Appendix A**  
 Historic Fluid Level Data  
 May 1991 - December 2025  
 OXY USA WTP Limited Partnership, Indian Basin Gas Plant, Eddy County, New Mexico

| Well ID      | Date             | Measuring Point<br>Elevation<br>(feet amsl) | Depth to<br>Water<br>(feet bmp) | Condensate<br>Thickness<br>(feet) | Corrected Water-Level<br>Elevation<br>(feet amsl) |
|--------------|------------------|---|---------------------------------|-----------------------------------|---|
| MW-70        | 7/12/2017        | 3822.57                                     | 200.27                          | 0                                 | 3622.30   |
| MW-70        | 12/17/2017       | 3822.57                                     | 199.79                          | 0                                 | 3622.78   |
| MW-70        | 7/8/2018         | 3822.57                                     | 200.17                          | 0                                 | 3622.40   |
| MW-70        | 11/13/2018       | 3822.57                                     | 199.47                          | 0                                 | 3623.10   |
| MW-70        | 6/24/2019        | 3822.57                                     | 199.63                          | 0                                 | 3622.94   |
| MW-70        | 12/10/2019       | 3822.57                                     | 199.04                          | 0                                 | 3623.53   |
| MW-70        | 6/10/2020        | 3822.57                                     | 199.04                          | 0                                 | 3623.53   |
| MW-70        | 11/2/2020        | 3822.57                                     | 199.17                          | 0                                 | 3623.40   |
| MW-70        | 6/22/2021        | 3822.57                                     | 199.73                          | 0                                 | 3622.84   |
| MW-70        | 12/6/2021        | 3822.57                                     | 195.12                          | 0                                 | 3627.45   |
| MW-70        | 6/23/2022        | 3822.57                                     | 196.55                          | 0                                 | 3626.02   |
| MW-70        | 11/1/2022        | 3822.57                                     | 196.52                          | 0                                 | 3626.05   |
| MW-70        | 6/21/2023        | 3822.57                                     | 196.99                          | 0                                 | 3625.58   |
| MW-70        | 11/16/2023       | 3822.57                                     | 197.26                          | 0                                 | 3625.31   |
| MW-70        | 6/11/2024        | 3822.57                                     | 197.73                          | 0                                 | 3624.84   |
| MW-70        | 11/21/2024       | 3822.57                                     | 197.97                          | 0                                 | 3624.60   |
| MW-70        | 7/22/2025        | 3822.57                                     | 197.71                          | 0                                 | 3624.86   |
| MW-70        | 12/2/2025        | 3822.57                                     | 197.85                          | 0                                 | 3624.72   |
| <b>MW-81</b> | <b>10/1/1995</b> | <b>3817.03</b>                              | <b>195.77</b>                   | <b>2.74</b>                       | <b>3623.26</b>                                    |
| MW-81        | 1/16/1996        | 3817.03                                     | 199.04                          | 4.29                              | 3621.12   |
| MW-81        | 4/17/1996        | 3817.03                                     | 204.35                          | 9.95                              | 3619.94   |
| MW-81        | 7/16/1996        | 3817.03                                     | 204.26                          | 9.37                              | 3619.61   |
| MW-81        | 10/13/1996       | 3817.03                                     | 202.11                          | 8.49                              | 3621.11   |
| MW-81        | 2/4/1997         | 3817.03                                     | 197.25                          | 2.11                              | 3621.32   |
| MW-81        | 4/28/1997        | 3817.03                                     | 204.40                          | 9.15                              | 3619.30   |
| MW-81        | 7/14/1997        | 3817.03                                     | 196.19                          | 1.45                              | 3621.89   |
| MW-81        | 10/9/1997        | 3817.03                                     | 200.02                          | 0.02                              | 3617.02   |
| MW-81        | 10/14/1997       | 3817.03                                     | 200.96                          | 0.06                              | 3616.11   |
| MW-81        | 10/29/1997       | 3817.03                                     | 202.44                          | 1.44                              | 3615.64   |
| MW-81        | 11/4/1997        | 3817.03                                     | 200.92                          | 0                                 | 3616.11   |
| MW-81        | 11/12/1997       | 3817.03                                     | 200.95                          | 0.25                              | 3616.26   |
| MW-81        | 11/19/1997       | 3817.03                                     | 200.94                          | 0.01                              | 3616.09   |
| MW-81        | 11/24/1997       | 3817.03                                     | 200.81                          | 0                                 | 3616.22   |
| MW-81        | 12/10/1997       | 3817.03                                     | 200.85                          | 0                                 | 3616.18   |
| MW-81        | 1/6/1998         | 3817.03                                     | 199.35                          | 0                                 | 3617.68   |
| MW-81        | 1/15/1998        | 3817.03                                     | 199.30                          | 0                                 | 3617.73   |
| MW-81        | 1/20/1998        | 3817.03                                     | 200.89                          | 0.79                              | 3616.71   |
| MW-81        | 1/27/1998        | 3817.03                                     | 200.14                          | 0.89                              | 3617.53   |
| MW-81        | 2/3/1998         | 3817.03                                     | 200.88                          | 0.58                              | 3616.57   |
| MW-81        | 2/10/1998        | 3817.03                                     | 206.74                          | 1.64                              | 3611.48   |
| MW-81        | 2/17/1998        | 3817.03                                     | 218.70                          | 12.08                             | 3607.14   |
| MW-81        | 2/25/1998        | 3817.03                                     | 217.41                          | 11.41                             | 3607.94   |
| MW-81        | 4/27/1998        | 3817.03                                     | 197.05                          | 0                                 | 3619.98   |
| MW-81        | 5/28/1998        | 3817.03                                     | 192.28                          | 0                                 | 3624.75   |
| MW-81        | 6/15/1998        | 3817.03                                     | 197.58                          | 0                                 | 3619.45   |
| MW-81        | 10/11/1998       | 3817.03                                     | 193.23                          | 0                                 | 3623.80   |
| MW-81        | 1/27/1999        | 3817.03                                     | 200.12                          | 0                                 | 3616.91   |
| MW-81        | 4/19/1999        | 3817.03                                     | 200.84                          | 0                                 | 3616.19   |
| MW-81        | 1/5/2000         | 3817.03                                     | 199.38                          | 0                                 | 3617.65   |
| MW-81        | 4/26/2000        | 3817.03                                     | 201.35                          | 0                                 | 3615.68   |
| MW-81        | 9/27/2000        | 3817.03                                     | 202.99                          | 0                                 | 3614.04   |
| MW-81        | 4/16/2001        | 3817.03                                     | 201.94                          | 0                                 | 3615.09   |
| MW-81        | 10/29/2001       | 3817.03                                     | 204.69                          | 0                                 | 3609.04   |
| MW-81        | 4/15/2002        | 3817.03                                     | 193.94                          | 0                                 | 3623.09   |
| MW-81        | 10/14/2002       | 3817.03                                     | 192.80                          | 0                                 | 3624.23   |
| MW-81        | 04/15/2003       | 3817.03                                     | 193.41                          | 0                                 | 3623.62   |
| MW-81        | 10/14/2003       | 3817.03                                     | 194.42                          | 0                                 | 3622.61   |
| MW-81        | 4/5/2004         | 3817.03                                     | 194.58                          | 0                                 | 3622.45   |
| MW-81        | 10/5/2004        | 3817.03                                     | 192.67                          | 2.96                              | 3626.52   |
| MW-81        | 4/19/2005        | 3817.03                                     | 193.75                          | 0                                 | 3623.28   |
| MW-81        | 10/24/2005       | 3817.03                                     | 192.46                          | 0                                 | 3624.57   |
| MW-81        | 4/18/2006        | 3817.03                                     | 192.78                          | 0                                 | 3624.25   |
| MW-81        | 10/11/2006       | 3817.03                                     | 194.15                          | 2.56                              | 3624.75   |
| MW-81        | 4/16/2007        | 3817.03                                     | 198.12                          | 6.32                              | 3614.30   |
| MW-81        | 10/22/2007       | 3817.03                                     | 189.54                          | 0                                 | 3627.49   |
| MW-81        | 5/27/2009        | 3817.03                                     | 193.97                          | 0.10                              | 3623.13   |
| MW-81        | 6/21/2010        | 3817.03                                     | 194.21                          | 0.22                              | 3622.98   |

D = Dry  
 NA = Not Available  
 NG = Not Gauged  
 NR = No Record

**Appendix A**  
 Historic Fluid Level Data  
 May 1991 - December 2025  
 OXY USA WTP Limited Partnership, Indian Basin Gas Plant, Eddy County, New Mexico

| Well ID      | Date            | Measuring Point<br>Elevation<br>(feet amsl) | Depth to<br>Water<br>(feet bmp) | Condensate<br>Thickness<br>(feet) | Corrected Water-Level<br>Elevation<br>(feet amsl) |
|--------------|-----------------|---|---------------------------------|-----------------------------------|---|
| MW-81        | 12/28/2010      | 3817.03                                     | 193.88                          | 0.26                              | 3623.34   |
| MW-81        | 6/30/2011       | 3817.03                                     | 194.10                          | 1.23                              | 3623.83   |
| MW-81        | 12/15/2011      | 3817.03                                     | 194.85                          | 0.3                               | 3622.40   |
| MW-81        | 6/27/2012       | 3817.03                                     | 195.21                          | 0.32                              | 3622.05   |
| MW-81        | 12/1/2012       | 3817.03                                     | 195.61                          | 0.29                              | 3621.63   |
| MW-81        | 6/1/2013        | 3817.03                                     | 196.13                          | 0.2                               | 3621.05   |
| MW-81        | 12/12/2013      | 3817.03                                     | 194.77                          | 0.23                              | 3622.43   |
| MW-81        | 6/25/2014       | 3817.03                                     | 195.45                          | 0.24                              | 3621.76   |
| MW-81        | 12/16/2014      | 3817.03                                     | 183.04                          | 0                                 | 3633.99   |
| MW-81        | 4/28/2015       | 3817.03                                     | 193.71                          | 0                                 | 3623.32   |
| MW-81        | 10/13/2015      | 3817.03                                     | 189.27                          | 0                                 | 3627.76   |
| MW-81        | 5/24/2016       | 3817.03                                     | 194.25                          | 0.001                             | 3622.78   |
| MW-81        | 12/6/2016       | 3817.03                                     | 193.80                          | 0.001                             | 3623.23   |
| MW-81        | 7/12/2017       | 3817.03                                     | 195.00                          | 0.73                              | 3622.56   |
| MW-81        | 12/17/2017      | 3817.03                                     | 193.76                          | 0.001                             | 3623.27   |
| MW-81        | 7/8/2018        | 3817.03                                     | 192.53                          | 0.001                             | 3624.50   |
| MW-81        | 11/13/2018      | 3817.03                                     | 193.89                          | 0.001                             | 3623.14   |
| MW-81        | 6/24/2019       | 3817.03                                     | 194.48                          | 0.69                              | 3623.05   |
| MW-81        | 12/10/2019      | 3817.03                                     | 193.50                          | 0.45                              | 3623.86   |
| MW-81        | 6/10/2020       | 3817.03                                     | 193.62                          | -0.15                             | 3623.30   |
| MW-81        | 11/2/2020       | 3817.03                                     | 193.64                          | 0.04                              | 3623.42   |
| MW-81        | 6/22/2021       | 3817.03                                     | 190.85                          | 0.04                              | 3626.21   |
| MW-81        | 12/6/2021       | 3817.03                                     | 189.56                          | 0.09                              | 3627.54   |
| MW-81        | 6/23/2022       | 3817.03                                     | 190.95                          | 0.04                              | 3626.11   |
| MW-81        | 11/1/2022       | 3817.03                                     | 190.52                          | 0                                 | 3626.51   |
| MW-81        | 6/21/2023       | 3817.03                                     | 190.92                          | 0.06                              | 3626.15   |
| MW-81        | 11/16/2023      | 3817.03                                     | 187.71                          | 0                                 | 3629.32   |
| MW-81        | 6/11/2024       | 3817.03                                     | 190.75                          | 0.04                              | 3626.31   |
| MW-81        | 11/21/2024      | 3817.03                                     | 190.75                          | 0.05                              | 3626.32   |
| MW-81        | 7/22/2025       | 3817.03                                     | 190.70                          | 0.18                              | 3626.46   |
| MW-81        | 12/2/2025       | 3817.03                                     | 190.75                          | 0.04                              | 3626.31   |
| <b>MW-88</b> | <b>8/1/1996</b> | <b>3789.70</b>                              | <b>163.59</b>                   | <b>0</b>                          | <b>3626.11</b>                                    |
| MW-88        | 10/13/1996      | 3789.70                                     | 162.22                          | 0                                 | 3627.48   |
| MW-88        | 2/4/1997        | 3789.70                                     | 163.38                          | 0                                 | 3626.32   |
| MW-88        | 4/28/1997       | 3789.70                                     | 163.54                          | 0                                 | 3626.16   |
| MW-88        | 7/14/1997       | 3789.70                                     | 163.84                          | 0                                 | 3625.86   |
| MW-88        | 10/11/1997      | 3789.70                                     | 164.40                          | 0                                 | 3625.30   |
| MW-88        | 10/9/1997       | 3789.70                                     | 164.38                          | 0                                 | 3625.32   |
| MW-88        | 10/13/1997      | 3789.70                                     | 164.34                          | 0                                 | 3625.36   |
| MW-88        | 1/27/1998       | 3789.70                                     | 164.41                          | 0                                 | 3625.29   |
| MW-88        | 4/27/1998       | 3789.70                                     | 164.84                          | 0                                 | 3624.86   |
| MW-88        | 5/28/1998       | 3789.70                                     | 164.00                          | 0                                 | 3625.70   |
| MW-88        | 6/15/1998       | 3789.70                                     | 164.87                          | 0                                 | 3624.83   |
| MW-88        | 10/10/1998      | 3789.70                                     | 165.38                          | 0                                 | 3624.32   |
| MW-88        | 1/27/1999       | 3789.70                                     | 165.49                          | 0                                 | 3624.21   |
| MW-88        | 4/19/1999       | 3789.70                                     | 165.54                          | 0                                 | 3624.16   |
| MW-88        | 1/5/2000        | 3789.70                                     | 165.62                          | 0                                 | 3624.08   |
| MW-88        | 4/26/2000       | 3789.70                                     | 165.87                          | 0                                 | 3623.83   |
| MW-88        | 9/27/2000       | 3789.70                                     | 166.25                          | 0                                 | 3623.45   |
| MW-88        | 4/16/2001       | 3789.70                                     | 166.21                          | 0                                 | 3623.49   |
| MW-88        | 10/29/2001      | 3789.70                                     | 166.49                          | 0                                 | 3623.21   |
| MW-88        | 4/15/2002       | 3789.70                                     | 166.53                          | 0                                 | 3623.17   |
| MW-88        | 10/14/2002      | 3789.70                                     | 165.52                          | 0                                 | 3624.18   |
| MW-88        | 04/15/2003      | 3789.70                                     | 165.98                          | 0                                 | 3623.72   |
| MW-88        | 10/14/2003      | 3789.70                                     | 166.89                          | 0                                 | 3622.81   |
| MW-88        | 4/5/2004        | 3789.70                                     | 167.15                          | 0                                 | 3622.55   |
| MW-88        | 10/5/2004       | 3789.70                                     | 163.52                          | 0                                 | 3626.18   |
| MW-88        | 4/19/2005       | 3789.70                                     | 166.38                          | 0                                 | 3623.32   |
| MW-88        | 10/24/2005      | 3789.70                                     | 165.67                          | 0                                 | 3624.03   |
| MW-88        | 4/18/2006       | 3789.70                                     | 166.15                          | 0                                 | 3623.55   |
| MW-88        | 10/11/2006      | 3789.70                                     | 165.49                          | 0                                 | 3624.21   |
| MW-88        | 4/16/2007       | 3789.7                                      | 166.11                          | 0                                 | 3623.59   |
| MW-88        | 10/22/2007      | 3789.70                                     | 165.92                          | 0                                 | 3623.78   |
| MW-88        | 5/27/2009       | 3789.70                                     | 166.91                          | 0                                 | 3622.79   |
| MW-88        | 6/21/2010       | 3789.70                                     | 167.28                          | 0                                 | 3622.42   |
| MW-88        | 12/28/2010      | 3789.70                                     | 166.92                          | 0                                 | 3622.78   |
| MW-88        | 6/30/2011       | 3789.70                                     | 167.45                          | 0                                 | 3622.25   |

D = Dry  
 NA = Not Available  
 NG = Not Gauged  
 NR = No Record

**Appendix A**  
 Historic Fluid Level Data  
 May 1991 - December 2025  
 OXY USA WTP Limited Partnership, Indian Basin Gas Plant, Eddy County, New Mexico

| Well ID       | Date             | Measuring Point<br>Elevation<br>(feet amsl) | Depth to<br>Water<br>(feet bmp) | Condensate<br>Thickness<br>(feet) | Corrected Water-Level<br>Elevation<br>(feet amsl) |
|---------------|------------------|---|---------------------------------|-----------------------------------|---|
| MW-88         | 12/15/2011       | 3789.70                                     | 167.81                          | 0                                 | 3621.89   |
| MW-88         | 6/27/2012        | 3789.70                                     | 169.00                          | 0                                 | 3620.70   |
| MW-88         | 12/1/2012        | 3789.70                                     | 168.65                          | 0                                 | 3621.05   |
| MW-88         | 6/1/2013         | 3789.70                                     | 168.96                          | 0                                 | 3620.74   |
| MW-88         | 12/12/2013       | 3789.70                                     | 167.90                          | 0                                 | 3621.80   |
| MW-88         | 6/25/2014        | 3789.70                                     | 178.46                          | 0                                 | 3611.24   |
| MW-88         | 12/16/2014       | 3789.70                                     | 166.55                          | 0                                 | 3623.15   |
| MW-88         | 4/28/2015        | 3789.70                                     | 167.16                          | 0                                 | 3622.54   |
| MW-88         | 10/13/2015       | 3789.70                                     | 167.38                          | 0                                 | 3622.32   |
| MW-88         | 5/24/2016        | 3789.70                                     | 167.77                          | 0                                 | 3621.93   |
| MW-88         | 12/6/2016        | 3789.70                                     | 167.37                          | 0                                 | 3622.33   |
| MW-88         | 7/12/2017        | 3789.70                                     | 167.68                          | 0                                 | 3622.02   |
| MW-88         | 12/17/2017       | 3789.70                                     | 167.20                          | 0                                 | 3622.50   |
| MW-88         | 7/8/2018         | 3789.70                                     | 167.54                          | 0                                 | 3622.16   |
| MW-88         | 11/13/2018       | 3789.70                                     | 167.30                          | 0                                 | 3622.40   |
| MW-88         | 6/24/2019        | 3789.70                                     | 167.14                          | 0                                 | 3622.56   |
| MW-88         | 12/10/2019       | 3789.70                                     | 166.49                          | 0                                 | 3623.21   |
| MW-88         | 6/10/2020        | 3789.70                                     | 166.58                          | 0                                 | 3623.12   |
| MW-88         | 11/2/2020        | 3789.70                                     | 167.06                          | 0                                 | 3622.64   |
| MW-88         | 6/22/2021        | 3789.70                                     | 167.28                          | 0                                 | 3622.42   |
| MW-88         | 12/6/2021        | 3789.70                                     | 163.56                          | 0                                 | 3626.14   |
| MW-88         | 6/23/2022        | 3789.70                                     | 166.88                          | 0                                 | 3622.82   |
| MW-88         | 11/1/2022        | 3789.70                                     | 164.59                          | 0                                 | 3625.11   |
| MW-88         | 6/21/2023        | 3789.70                                     | 164.88                          | 0                                 | 3624.82   |
| MW-88         | 11/16/2023       | 3789.70                                     | 164.92                          | 0                                 | 3624.78   |
| MW-88         | 6/11/2024        | 3789.70                                     | 165.43                          | 0                                 | 3624.27   |
| MW-88         | 11/21/2024       | 3789.70                                     | 165.79                          | 0                                 | 3623.91   |
| MW-88         | 7/22/2025        | 3789.70                                     | 165.40                          | 0                                 | 3624.30   |
| MW-88         | 12/2/2025        | 3789.70                                     | 165.68                          | 0                                 | 3624.02   |
| <b>MW-111</b> | <b>6/19/1998</b> | <b>3824.44</b>                              | <b>200.24</b>                   | <b>0</b>                          | <b>3624.20</b>                                    |
| MW-111        | 10/10/1998       | 3824.44                                     | 200.89                          | 0                                 | 3623.55   |
| MW-111        | 1/27/1999        | 3824.44                                     | 201.24                          | 0                                 | 3623.20   |
| MW-111        | 4/19/1999        | 3824.44                                     | 201.26                          | 0                                 | 3623.18   |
| MW-111        | 1/5/2000         | 3824.44                                     | 201.21                          | 0                                 | 3623.23   |
| MW-111        | 4/26/2000        | 3824.44                                     | 201.48                          | 0                                 | 3622.96   |
| MW-111        | 9/27/2000        | 3824.44                                     | 201.66                          | 0                                 | 3622.78   |
| MW-111        | 4/16/2001        | 3824.44                                     | 201.74                          | 0                                 | 3622.70   |
| MW-111        | 10/29/2001       | 3824.44                                     | 201.64                          | 0                                 | 3622.80   |
| MW-111        | 4/15/2002        | 3824.44                                     | 201.83                          | 0                                 | 3622.61   |
| MW-111        | 10/14/2002       | 3824.44                                     | 200.52                          | 0                                 | 3623.92   |
| MW-111        | 04/15/2003       | 3824.44                                     | 201.21                          | 0                                 | 3623.23   |
| MW-111        | 10/14/2003       | 3824.44                                     | 202.50                          | 0                                 | 3621.94   |
| MW-111        | 4/5/2004         | 3824.44                                     | 202.54                          | 0                                 | 3621.90   |
| MW-111        | 10/5/2004        | 3824.44                                     | 200.25                          | 0                                 | 3624.19   |
| MW-111        | 4/19/2005        | 3824.44                                     | 201.09                          | 0                                 | 3623.35   |
| MW-111        | 10/24/2005       | 3824.44                                     | 200.61                          | 0                                 | 3623.83   |
| MW-111        | 4/18/2006        | 3824.44                                     | 201.17                          | 0                                 | 3623.27   |
| MW-111        | 10/11/2006       | 3824.44                                     | 200.06                          | 0                                 | 3624.38   |
| MW-111        | 4/16/2007        | 3824.44                                     | 201.28                          | 0                                 | 3623.16   |
| MW-111        | 10/22/2007       | 3824.44                                     | 201.24                          | 0                                 | 3623.20   |
| MW-111        | 5/27/2009        | 3824.44                                     | 202.50                          | 0                                 | 3621.94   |
| MW-111        | 6/21/2010        | 3824.44                                     | 202.92                          | 0                                 | 3621.52   |
| MW-111        | 12/28/2010       | 3824.44                                     | 202.48                          | 0                                 | 3621.96   |
| MW-111        | 6/30/2011        | 3824.44                                     | 202.94                          | 0                                 | 3621.50   |
| MW-111        | 12/15/2011       | 3824.44                                     | 203.51                          | 0                                 | 3620.93   |
| MW-111        | 6/27/2012        | 3824.44                                     | 204.58                          | 0                                 | 3619.86   |
| MW-111        | 12/1/2012        | 3824.44                                     | 204.20                          | 0                                 | 3620.24   |
| MW-111        | 6/1/2013         | 3824.44                                     | 204.58                          | 0                                 | 3619.86   |
| MW-111        | 12/12/2013       | 3824.44                                     | 202.99                          | 0                                 | 3621.45   |
| MW-111        | 6/25/2014        | 3824.44                                     | 204.10                          | 0                                 | 3620.34   |
| MW-111        | 12/16/2014       | 3824.44                                     | 201.65                          | 0                                 | 3622.79   |
| MW-111        | 4/28/2015        | 3824.44                                     | 202.64                          | 0                                 | 3621.80   |
| MW-111        | 10/13/2015       | 3824.44                                     | 202.92                          | 0                                 | 3621.52   |
| MW-111        | 5/24/2016        | 3824.44                                     | 203.21                          | 0                                 | 3621.23   |
| MW-111        | 12/6/2016        | 3824.44                                     | 202.95                          | 0                                 | 3621.49   |
| MW-111        | 7/12/2017        | 3824.44                                     | 203.34                          | 0                                 | 3621.10   |
| MW-111        | 12/17/2017       | 3824.44                                     | 202.95                          | 0                                 | 3621.49   |

D = Dry  
 NA = Not Available  
 NG = Not Gauged  
 NR = No Record

**Appendix A**  
 Historic Fluid Level Data  
 May 1991 - December 2025  
 OXY USA WTP Limited Partnership, Indian Basin Gas Plant, Eddy County, New Mexico

| Well ID       | Date            | Measuring Point<br>Elevation<br>(feet amsl) | Depth to<br>Water<br>(feet bmp) | Condensate<br>Thickness<br>(feet) | Corrected Water-Level<br>Elevation<br>(feet amsl) |
|---------------|-----------------|---|---------------------------------|-----------------------------------|---|
| MW-111        | 7/8/2018        | 3824.44                                     | 203.27                          | 0                                 | 3621.17   |
| MW-111        | 11/13/2018      | 3824.44                                     | 203.14                          | 0                                 | 3621.30   |
| MW-111        | 6/24/2019       | 3824.44                                     | 203.20                          | 0                                 | 3621.24   |
| MW-111        | 12/10/2019      | 3824.44                                     | 203.85                          | 0                                 | 3620.59   |
| MW-111        | 6/10/2020       | 3824.44                                     | 202.15                          | 0                                 | 3622.29   |
| MW-111        | 11/2/2020       | 3824.44                                     | 202.62                          | 0                                 | 3621.82   |
| MW-111        | 6/22/2021       | 3824.44                                     | 202.92                          | 0                                 | 3621.52   |
| MW-111        | 12/6/2021       | 3824.44                                     | 198.32                          | 0                                 | 3626.12   |
| MW-111        | 6/23/2022       | 3824.44                                     | 199.70                          | 0                                 | 3624.74   |
| MW-111        | 11/1/2022       | 3824.44                                     | 199.82                          | 0                                 | 3624.62   |
| MW-111        | 6/21/2023       | 3824.44                                     | 201.17                          | 0                                 | 3623.27   |
| MW-111        | 11/16/2023      | 3824.44                                     | 200.34                          | 0                                 | 3624.10   |
| MW-111        | 6/11/2024       | 3824.44                                     | 201.04                          | 0                                 | 3623.40   |
| MW-111        | 11/21/2024      | 3824.44                                     | 201.21                          | 0                                 | 3623.23   |
| MW-111        | 7/22/2025       | 3824.44                                     | 200.92                          | 0                                 | 3623.52   |
| MW-111        | 12/2/2025       | 3824.44                                     | 201.13                          | 0                                 | 3623.31   |
| <b>MW-113</b> | <b>1/5/2000</b> | <b>3772.67</b>                              | <b>147.43</b>                   | <b>0</b>                          | <b>3625.24</b>                                    |
| MW-113        | 4/26/2000       | 3772.67                                     | 148.28                          | 0.88                              | 3625.03   |
| MW-113        | 9/27/2000       | 3772.67                                     | 147.72                          | 0                                 | 3624.95   |
| MW-113        | 4/16/2001       | 3772.67                                     | 148.11                          | 0.13                              | 3624.65   |
| MW-113        | 10/29/2001      | 3772.67                                     | 148.95                          | 0.2                               | 3623.87   |
| MW-113        | 4/15/2002       | 3772.67                                     | 148.72                          | 0.14                              | 3624.05   |
| MW-113        | 10/14/2002      | 3772.67                                     | 147.33                          | 0                                 | 3625.34   |
| MW-113        | 04/15/2003      | 3772.67                                     | 148.69                          | 0.53                              | 3624.37   |
| MW-113        | 10/14/2003      | 3772.67                                     | 149.24                          | 0.21                              | 3623.58   |
| MW-113        | 4/5/2004        | 3772.67                                     | 142.42                          | 0.2                               | 3630.40   |
| MW-113        | 10/5/2004       | 3772.67                                     | 144.58                          | 0                                 | 3628.09   |
| MW-113        | 4/19/2005       | 3772.67                                     | 147.90                          | 0                                 | 3624.77   |
| MW-113        | 10/24/2005      | 3772.67                                     | 147.51                          | 0                                 | 3625.16   |
| MW-113        | 4/18/2006       | 3772.67                                     | 148.21                          | 0                                 | 3624.46   |
| MW-113        | 10/11/2006      | 3772.67                                     | 147.29                          | 0                                 | 3625.38   |
| MW-113        | 4/17/2007       | 3772.67                                     | 148.61                          | 0.31                              | 3623.83   |
| MW-113        | 10/22/2007      | 3772.67                                     | NA                              | --                                | --  |
| MW-113        | 5/27/2009       | 3772.67                                     | 149.10                          | T                                 | 3623.57   |
| MW-113        | 6/21/2010       | 3772.67                                     | 149.47                          | 0.05                              | 3623.16   |
| MW-113        | 12/28/2010      | 3772.67                                     | 149.09                          | 0.04                              | 3623.55   |
| MW-113        | 6/30/2011       | 3772.67                                     | 149.55                          | 0.05                              | 3623.08   |
| MW-113        | 12/15/2011      | 3772.67                                     | 150.10                          | 0.04                              | 3622.54   |
| MW-113        | 6/27/2012       | 3772.67                                     | 150.34                          | 0.14                              | 3622.23   |
| MW-113        | 12/1/2012       | 3772.67                                     | 150.87                          | 0.81                              | 3622.39   |
| MW-113        | 6/1/2013        | 3772.67                                     | 151.07                          | 0.79                              | 3622.18   |
| MW-113        | 12/12/2013      | 3772.67                                     | 150.03                          | 0                                 | 3622.64   |
| MW-113        | 6/25/2014       | 3772.67                                     | 150.51                          | 0.01                              | 3622.15   |
| MW-113        | 12/16/2014      | 3772.67                                     | 148.65                          | 0                                 | 3624.02   |
| MW-113        | 4/28/2015       | 3772.67                                     | 149.34                          | 0                                 | 3623.33   |
| MW-113        | 10/13/2015      | 3772.67                                     | 149.42                          | 0                                 | 3623.25   |
| MW-113        | 5/24/2016       | 3772.67                                     | 149.97                          | 0.001                             | 3622.70   |
| MW-113        | 12/6/2016       | 3772.67                                     | 149.41                          | 0.001                             | 3623.26   |
| MW-113        | 7/12/2017       | 3772.67                                     | 149.80                          | 0.001                             | 3622.87   |
| MW-113        | 12/17/2017      | 3772.67                                     | 149.31                          | 0.001                             | 3623.36   |
| MW-113        | 7/8/2018        | 3772.67                                     | 149.62                          | 0.001                             | 3623.05   |
| MW-113        | 11/13/2018      | 3772.67                                     | 149.30                          | 0.001                             | 3623.37   |
| MW-113        | 6/24/2019       | 3772.67                                     | 149.22                          | 0                                 | 3623.45   |
| MW-113        | 12/10/2019      | 3772.67                                     | 148.62                          | 0                                 | 3624.05   |
| MW-113        | 6/10/2020       | 3772.67                                     | 149.74                          | 0                                 | 3622.93   |
| MW-113        | 11/2/2020       | 3772.67                                     | 149.52                          | 0                                 | 3623.15   |
| MW-113        | 6/22/2021       | 3772.67                                     | 149.36                          | 0                                 | 3623.31   |
| MW-113        | 12/6/2021       | 3772.67                                     | 145.50                          | 0.01                              | 3627.16   |
| MW-113        | 6/23/2022       | 3772.67                                     | 146.49                          | 0                                 | 3626.18   |
| MW-113        | 11/1/2022       | 3772.67                                     | 146.44                          | 0                                 | 3626.23   |
| MW-113        | 6/21/2023       | 3772.67                                     | 146.63                          | 0                                 | 3626.04   |
| MW-113        | 11/16/2023      | 3772.67                                     | 146.90                          | 0                                 | 3625.77   |
| MW-113        | 6/11/2024       | 3772.67                                     | 147.40                          | 0                                 | 3625.27   |
| MW-113        | 11/21/2024      | 3772.67                                     | 147.86                          | 0.01                              | 3624.80   |
| MW-113        | 7/22/2025       | 3772.67                                     | 147.17                          | 0                                 | 3625.50   |
| MW-113        | 12/2/2025       | 3772.67                                     | 147.72                          | 0.01                              | 3624.94   |

D = Dry  
 NA = Not Available  
 NG = Not Gauged  
 NR = No Record

**Appendix A**  
 Historic Fluid Level Data  
 May 1991 - December 2025  
 OXY USA WTP Limited Partnership, Indian Basin Gas Plant, Eddy County, New Mexico

| Well ID | Date       | Measuring Point<br>Elevation<br>(feet amsl) | Depth to<br>Water<br>(feet bmp) | Condensate<br>Thickness<br>(feet) | Corrected Water-Level<br>Elevation<br>(feet amsl) |
|---------|------------|---|---------------------------------|-----------------------------------|---|
| MW-127  | 1/5/2000   | 3825.17                                     | 202.12                          | 0                                 | 3623.05   |
| MW-127  | 4/26/2000  | 3825.17                                     | 202.34                          | 0.46                              | 3623.17   |
| MW-127  | 9/27/2000  | 3825.17                                     | 202.00                          | 0                                 | 3623.17   |
| MW-127  | 4/16/2001  | 3825.17                                     | 202.70                          | 0.07                              | 3622.52   |
| MW-127  | 10/29/2001 | 3825.17                                     | 202.51                          | 0.03                              | 3622.68   |
| MW-127  | 4/15/2002  | 3825.17                                     | 202.74                          | 0                                 | 3622.43   |
| MW-127  | 10/14/2002 | 3825.17                                     | 200.92                          | 0                                 | 3624.25   |
| MW-127  | 04/15/2003 | 3825.17                                     | 202.50                          | 0                                 | 3622.67   |
| MW-127  | 10/14/2003 | 3825.17                                     | 202.99                          | 0                                 | 3622.18   |
| MW-127  | 4/5/2004   | 3825.17                                     | 203.15                          | 0                                 | 3622.02   |
| MW-127  | 10/5/2004  | 3825.17                                     | 200.48                          | 0                                 | 3624.69   |
| MW-127  | 4/19/2005  | 3825.17                                     | 201.81                          | 0                                 | 3623.36   |
| MW-127  | 10/24/2005 | 3825.17                                     | 201.00                          | 0                                 | 3624.17   |
| MW-127  | 4/18/2006  | 3825.17                                     | 201.80                          | 0                                 | 3623.37   |
| MW-127  | 10/11/2006 | 3825.17                                     | 200.66                          | 0                                 | 3624.51   |
| MW-127  | 4/17/2007  | 3825.17                                     | 202.3                           | 0                                 | 3622.87   |
| MW-127  | 10/22/2007 | 3825.17                                     | 201.97                          | 0                                 | 3623.20   |
| MW-127  | 5/27/2009  | 3825.17                                     | 203.10                          | 0                                 | 3622.07   |
| MW-127  | 6/21/2010  | 3825.17                                     | 203.46                          | 0                                 | 3621.71   |
| MW-127  | 12/28/2010 | 3825.17                                     | 202.88                          | 0                                 | 3622.29   |
| MW-127  | 6/30/2011  | 3825.17                                     | 203.27                          | 0                                 | 3621.90   |
| MW-127  | 12/15/2011 | 3825.17                                     | 203.87                          | 0                                 | 3621.30   |
| MW-127  | 6/27/2012  | 3825.17                                     | 204.95                          | 0                                 | 3620.22   |
| MW-127  | 12/1/2012  | 3825.17                                     | 204.14                          | 0                                 | 3621.03   |
| MW-127  | 6/1/2013   | 3825.17                                     | 204.95                          | 0                                 | 3620.22   |
| MW-127  | 12/12/2013 | 3825.17                                     | 203.39                          | 0                                 | 3621.78   |
| MW-127  | 6/25/2014  | 3825.17                                     | 204.47                          | 0                                 | 3620.70   |
| MW-127  | 12/16/2014 | 3825.17                                     | 202.08                          | 0                                 | 3623.09   |
| MW-127  | 4/28/2015  | 3825.17                                     | 203.03                          | 0                                 | 3622.14   |
| MW-127  | 10/13/2015 | 3825.17                                     | 203.13                          | 0                                 | 3622.04   |
| MW-127  | 5/24/2016  | 3825.17                                     | 203.56                          | 0                                 | 3621.61   |
| MW-127  | 12/6/2016  | 3825.17                                     | 203.26                          | 0                                 | 3621.91   |
| MW-127  | 7/12/2017  | 3825.17                                     | 203.70                          | 0                                 | 3621.47   |
| MW-127  | 12/17/2017 | 3825.17                                     | 203.27                          | 0                                 | 3621.90   |
| MW-127  | 7/8/2018   | 3825.17                                     | 203.63                          | 0                                 | 3621.54   |
| MW-127  | 11/13/2018 | 3825.17                                     | 203.30                          | 0                                 | 3621.87   |
| MW-127  | 6/24/2019  | 3825.17                                     | 208.23                          | 0                                 | 3616.94   |
| MW-127  | 12/10/2019 | 3825.17                                     | 202.18                          | 0                                 | 3622.99   |
| MW-127  | 6/10/2020  | 3825.17                                     | 202.39                          | 0                                 | 3622.78   |
| MW-127  | 11/2/2020  | 3825.17                                     | 202.76                          | 0                                 | 3622.41   |
| MW-127  | 6/22/2021  | 3825.17                                     | 203.25                          | 0                                 | 3621.92   |
| MW-127  | 12/6/2021  | 3825.17                                     | 198.71                          | 0                                 | 3626.46   |
| MW-127  | 6/23/2022  | 3825.17                                     | 199.98                          | 0                                 | 3625.19   |
| MW-127  | 11/1/2022  | 3825.17                                     | 200.15                          | 0                                 | 3625.02   |
| MW-127  | 6/21/2023  | 3825.17                                     | 200.51                          | 0                                 | 3624.66   |
| MW-127  | 11/16/2023 | 3825.17                                     | 200.68                          | 0                                 | 3624.49   |
| MW-127  | 6/11/2024  | 3825.17                                     | 201.36                          | 0                                 | 3623.81   |
| MW-127  | 11/21/2024 | 3825.17                                     | 201.09                          | 0                                 | 3624.08   |
| MW-127  | 7/22/2025  | 3825.17                                     | 201.21                          | 0                                 | 3623.96   |
| MW-127  | 12/2/2025  | 3825.17                                     | 201.22                          | 0                                 | 3623.95   |

Notes:  
 \* MW-77 DTW does not agree with historical data.

D = Dry  
 NA = Not Available  
 NG = Not Gauged  
 NR = No Record

# APPENDIX B

## Historical Analytical Data



**Appendix B**

1 of 17

Historical BTEX Analytical Data, May 1991 - July 2025  
 OXY USA WTP Limited Partnership, Indian Basin Gas Plant, Eddy County, New Mexico

| Well ID      | Sample Date     | Analytical Results (µg/L)                        |           |              |               |
|--------------|-----------------|--|-----------|--------------|---------------|
|              |                 | Benzene  | Toluene   | Ethylbenzene | Total Xylenes |
| <b>MW-14</b> | <b>09/01/91</b> | <b>5100</b>                                      | --        | --           | --            |
| MW-14        | 06/22/98        | 820  | <10       | 840          | <10           |
| MW-14        | 04/18/02        | 116  | 9         | <5           | <5            |
| MW-14        | 10/16/02        | 23   | <5        | 5            | <5            |
| MW-14        | 04/09/03        | <5   | <5        | <5           | <5            |
| MW-14        | 10/24/03        | 330  | <5        | <5           | <5            |
| MW-14        |                 | Not Sampled - Condensate Present                 |           |              |               |
| MW-14        | 04/25/05        | 174  | <5        | <5           | <15           |
| MW-14        | 04/27/06        | 31.9   | <2.74     | <2.03        | <5.81         |
| MW-14        | 04/20/07        | 30   | <5        | <5           | <15           |
| MW-14        | 05/27/09        | 1.1  | <1        | 1.1          | 17            |
| MW-14        | 06/23/10        | 1.1  | <1        | 2.9          | 19.4          |
| MW-14        | 06/30/11        | Not Sampled - not enough water to collect sample |           |              |               |
| MW-14        | 06/28/12        | Not Sampled - not enough water to collect sample |           |              |               |
| MW-14        | 06/28/13        | Not Sampled - not enough water to collect sample |           |              |               |
| MW-14        | 06/26/14        | 2.6  | <1        | <1           | <3            |
| MW-14        | 04/30/15        | 2.6  | <1        | <1           | <3            |
| MW-14        | 05/25/16        | <1   | <1        | <1           | <3            |
| MW-14        | 07/12/17        | <1   | <1        | <1           | <3            |
| MW-14        | 06/13/18        | Not Sampled - not enough water to collect sample |           |              |               |
| MW-14        | 06/25/19        | <0.56  | <0.55     | <1.29        | <1.98         |
| MW-14        | 06/10/20        | <0.56  | 1.58      | <1.29        | <1.98         |
| MW-14        | 06/22/21        | Not Sampled - not enough water to collect sample |           |              |               |
| MW-14        | 06/23/22        | Not Sampled - not enough water to collect sample |           |              |               |
| MW-14        | 06/22/23        | Not Sampled - not enough water to collect sample |           |              |               |
| MW-14        | 06/11/24        | Not Sampled - not enough water to collect sample |           |              |               |
| MW-14        | 07/22/25        | Not Sampled - not enough water to collect sample |           |              |               |
| <b>MW-45</b> | <b>06/01/91</b> | <b>&lt;1</b>                                     | <b>--</b> | <b>--</b>    | <b>--</b>     |
| MW-45        | 06/22/91        | --   | <1        | <1           | <1            |
| MW-45        | 09/01/91        | <1   | --        | --           | --            |
| MW-45        | 12/01/91        | <1   | <1        | <1           | <1            |
| MW-45        | 07/15/93        | <3   | 6         | 7            | 4             |
| MW-45        | 10/14/93        | <3   | 3         | <3           | 3             |
| MW-45        | 01/13/94        | <0.5   | <0.5      | <0.5         | <0.5          |
| MW-45        | 04/06/94        | <0.5   | <0.5      | <0.5         | <0.5          |
| MW-45        | 07/20/94        | <0.5   | <0.5      | <0.5         | <0.5          |
| MW-45        | 05/29/09        | <1   | <1        | <1           | 1.7           |
| MW-45        | 06/23/10        | <1   | <1        | <1           | <1            |
| MW-45        | 07/01/11        | <1   | <1        | <1           | <3            |
| MW-45        | 06/28/12        | 28.7   | <1        | 0.57         | <3            |
| MW-45        | 06/28/13        | Not Sampled - not enough water to collect sample |           |              |               |
| MW-45        | 06/26/14        | <1   | <1        | <1           | <3            |
| MW-45        | 04/30/15        | <1   | <1        | <1           | <3            |
| MW-45        | 05/25/16        | <1   | <1        | <1           | <3            |
| MW-45        | 07/13/17        | <1   | <1        | <1           | <3            |
| MW-45        | 06/13/18        | <1   | <1        | <1           | <1            |
| MW-45        | 06/24/19        | <0.56  | <0.55     | <1.29        | <1.98         |
| MW-45        | 06/10/20        | <0.56  | 0.934     | <1.29        | <1.98         |
| MW-45        | 06/22/21        | <2.0   | <2.0      | <2.0         | <4.0          |
| MW-45        | 06/23/22        | <0.20  | <0.20     | <0.30        | <0.30         |
| MW-45        | 06/22/23        | <0.20  | <0.20     | <0.30        | <0.30         |
| MW-45        | 06/11/24        | Not Sampled - blockage in well                   |           |              |               |
| MW-45        | 07/23/25        | <1.0   | <2.0      | <2.0         | <6.0          |
| <b>MW-46</b> | <b>06/01/91</b> | <b>3200</b>                                      | <b>--</b> | <b>--</b>    | <b>--</b>     |
| MW-46        | 06/22/91        | --   | <50       | 900          | <50           |
| MW-46        | 07/01/91        | 300  | --        | --           | --            |

Notes:

- Concentrations listed in micrograms per liter (ug/L)
- <5 Constituent not detected above noted laboratory detection limit
- Indicates parameter was not analyzed

**Appendix B**

2 of 17

Historical BTEX Analytical Data, May 1991 - July 2025  
 OXY USA WTP Limited Partnership, Indian Basin Gas Plant, Eddy County, New Mexico

| Well ID      | Sample Date     | Analytical Results (µg/L)                        |           |              |               |
|--------------|-----------------|--|-----------|--------------|---------------|
|              |                 | Benzene  | Toluene   | Ethylbenzene | Total Xylenes |
| MW-46        | 07/19/91        | --   | <50       | 250          | --            |
| MW-46        | 07/30/91        | --   | --        | --           | 250           |
| MW-46        | 09/01/91        | 140  | --        | --           | --            |
| MW-46        | 10/01/96        | 900  | 33        | 440          | 59            |
| MW-46        | 02/11/97        | 3300   | 550       | 1000         | 1400          |
| MW-46        | 05/29/97        | 5000   | 1200      | 230          | <100          |
| MW-46        | 07/18/97        | 6100   | 1900      | 270          | 130           |
| MW-46        | 04/30/98        | 1600   | 41        | 140          | 290           |
| MW-46        | 07/01/98        | 1700   | <5        | 97           | 120           |
| MW-46        | 04/20/99        | 210  | <5        | 11           | 20            |
| MW-46        | 12/08/99        | 50   | 43        | 34           | 129           |
| MW-46        | 04/28/00        | 17   | <1        | <1           | <1            |
| MW-46        | 10/02/00        | 12   | 39        | 19           | 128           |
| MW-46        | 04/19/01        | <5   | <5        | <5           | <10           |
| MW-46        | 10/31/01        | <100   | <100      | <100         | <200          |
| MW-46        | 04/17/02        | <5   | <5        | <5           | <5            |
| MW-46        | 10/16/02        | 14   | <5        | <5           | <5            |
| MW-46        | 04/09/03        | <5   | <5        | <5           | <5            |
| MW-46        |                 | Not Sampled - Dry                                |           |              |               |
| MW-46        | 04/08/04        | 10   | <5        | <5           | <5            |
| MW-46        | 04/27/05        | <5   | <5        | <5           | <15           |
| MW-46        |                 | Not Sampled - Dry                                |           |              |               |
| MW-46        | 04/23/07        | 81.4   | <5        | <5           | <15           |
| MW-46        | 05/27/09        | <1   | <1        | <1           | 1.1           |
| MW-46        | 06/23/10        | <1   | <1        | <1           | <1            |
| MW-46        | 06/30/11        | Not Sampled - not enough water to collect sample |           |              |               |
| MW-46        | 06/28/12        | Not Sampled - not enough water to collect sample |           |              |               |
| MW-46        | 06/28/13        | Not Sampled - not enough water to collect sample |           |              |               |
| MW-46        | 06/26/14        | 220  | <1        | 32.9         | 68.2          |
| MW-46        | 04/30/15        | Not Sampled - not enough water to collect sample |           |              |               |
| MW-46        | 07/13/17        | Not Sampled - not enough water to collect sample |           |              |               |
| MW-46        | 06/13/18        | Not Sampled - not enough water to collect sample |           |              |               |
| MW-46        | 06/25/19        | <0.56  | <0.55     | <1.29        | <1.98         |
| MW-46        | 06/10/20        | <0.56  | 1.18      | <1.29        | <1.98         |
| MW-46        | 06/22/21        | Not Sampled - not enough water to collect sample |           |              |               |
| MW-46        | 06/23/22        | Not Sampled - not enough water to collect sample |           |              |               |
| MW-46        | 06/22/23        | Not Sampled - not enough water to collect sample |           |              |               |
| MW-46        | 06/11/24        | Not Sampled - not enough water to collect sample |           |              |               |
| MW-46        | 07/22/25        | Not Sampled - not enough water to collect sample |           |              |               |
| <b>MW-49</b> | <b>06/01/91</b> | <b>60</b>  | <b>--</b> | <b>--</b>    | <b>--</b>     |
| MW-49        | 06/22/91        | --   | <10       | 60           | 40            |
| MW-49        | 09/01/91        | 35   | --        | --           | --            |
| MW-49        | 07/15/93        | 210  | 27        | 42           | 30            |
| MW-49        | 10/14/93        | 68   | 26        | 9            | 20            |
| MW-49        | 01/13/94        | 13   | <5        | 15           | 110           |
| MW-49        | 04/06/94        | 82   | <0.5      | 11           | 10            |
| MW-49        | 07/20/94        | 150  | <5        | 32           | 27            |
| MW-49        | 10/05/94        | 78   | 49        | 40           | 300           |
| MW-49        | 01/11/95        | 220  | <5        | 46           | 97            |
| MW-49        | 04/06/95        | 120  | <0.5      | 24           | 26            |
| MW-49        | 07/21/95        | 17   | <0.5      | 3.5          | 3.4           |
| MW-49        | 10/12/95        | 240  | <50       | 59           | 130           |
| MW-49        | 01/20/96        | 160  | 130       | 120          | 570           |
| MW-49        | 04/19/96        | 87   | 23        | 18           | 32            |
| MW-49        | 07/01/96        | 370  | 220       | 190          | 630           |
| MW-49        | 10/01/96        | 95   | 16        | 36           | 12            |
| MW-49        | 02/07/97        | 79   | 66        | 45           | 160           |

Notes:

- Concentrations listed in micrograms per liter (ug/L)
- <5 Constituent not detected above noted laboratory detection limit
- Indicates parameter was not analyzed

**Appendix B**

3 of 17

Historical BTEX Analytical Data, May 1991 - July 2025  
 OXY USA WTP Limited Partnership, Indian Basin Gas Plant, Eddy County, New Mexico

| Well ID      | Sample Date     | Analytical Results (µg/L) |           |                                  |               |
|--------------|-----------------|---------------------------|-----------|----------------------------------|---------------|
|              |                 | Benzene                   | Toluene   | Ethylbenzene                     | Total Xylenes |
| MW-49        | 07/18/97        | 130                       | <1        | 35                               | 9.8           |
| MW-49        | 04/30/98        | 130                       | 39        | 41                               | 69            |
| MW-49        | 07/01/98        | 78                        | <1        | 15                               | <1            |
| MW-49        | 04/20/99        | 81                        | <5        | 32                               | <10           |
| MW-49        | 12/08/99        | 32                        | 68        | 58                               | 380           |
| MW-49        | 04/27/00        | 24                        | <1        | 12                               | <1            |
| MW-49        | 10/02/00        | 35                        | 38        | 18                               | 107           |
| MW-49        | 04/17/01        | 21                        | 36        | 16                               | 117           |
| MW-49        | 10/31/01        | 21                        | <5        | <5                               | <10           |
| MW-49        | 04/17/02        | 19                        | <5        | <5                               | <5            |
| MW-49        | 10/16/02        | 31                        | <5        | <5                               | <5            |
| MW-49        | 04/08/03        | 71                        | <5        | <5                               | <5            |
| MW-49        | 10/28/03        | 97                        | <5        | <5                               | <5            |
| MW-49        | 04/08/04        | 76                        | <5        | <5                               | <5            |
| MW-49        | 04/25/05        | <5                        | <5        | <5                               | <15           |
| MW-49        | 04/26/06        | 23                        | <2.74     | <2.03                            | <5.81         |
| MW-49        | 04/20/07        | 26                        | <5        | <5                               | <15           |
| MW-49        | 05/28/09        | 37                        | <1        | <1                               | 1.2           |
| MW-49        | 06/23/10        | 24                        | <1        | <1                               | <1            |
| MW-49        | 07/01/11        | 48                        | <1        | <1                               | <3            |
| MW-49        | 06/28/12        | <1                        | <1        | <1                               | <3            |
| MW-49        | 06/28/13        | 34.1                      | <1        | <1                               | <3            |
| MW-49        | 06/26/14        | 44.1                      | <1        | <1                               | <3            |
| MW-49        | 04/30/15        | 1.3                       | <1        | <1                               | <3            |
| MW-49        | 05/25/16        | 13.4                      | <1        | <1                               | <3            |
| MW-49        | 07/12/17        | 13.6                      | <1        | 0.38 J                           | <3            |
| MW-49        | 06/13/18        | 20.8                      | <1        | <1                               | <1            |
| MW-49        | 06/24/19        | 11.5                      | <0.55     | <1.29                            | <1.98         |
| MW-49        | 06/10/20        | 15.4                      | 1.02      | <1.29                            | <1.98         |
| MW-49        | 06/22/21        | <20                       | <20       | <20                              | <40           |
| MW-49        | 06/23/22        | 4.1                       | <0.20     | <0.30                            | 0.66 J        |
| MW-49        | 06/22/23        | 0.6                       | <0.20     | <0.30                            | <0.30         |
| MW-49        | 06/13/24        | <5.0                      | <5.0      | <7.5                             | <7.5          |
| MW-49        | 07/23/25        | <1.0                      | <2.0      | <2.0                             | <6.0          |
| <b>MW-58</b> | <b>09/01/91</b> | <b>40</b>                 | <b>--</b> | <b>--</b>                        | <b>--</b>     |
| MW-58        | 12/01/91        | 90                        | 40        | 20                               | 80            |
| MW-58        | 04/01/92        | 203                       | 32        | 56                               | 68            |
| MW-58        | 07/01/92        | 178                       | 58        | 32                               | 44            |
| MW-58        | 10/01/92        | 190                       | 49        | 26                               | 57            |
| MW-58        | 01/01/93        | 192                       | 30        | 23                               | 39            |
| MW-58        | 04/13/93        | 55                        | 16        | 31                               | 9             |
| MW-58        | 07/13/93        | 25                        | 42        | 14                               | 13            |
| MW-58        | 10/13/93        | 50                        | 21        | 212                              | 555           |
| MW-58        | 04/05/94        | <2.5                      | <2.5      | 7.4                              | 27            |
| MW-58        | 07/19/94        | 2                         | 29        | 4.5                              | 27            |
| MW-58        | 10/06/94        | 6.7                       | <5        | 15                               | 39            |
| MW-58        | 04/08/95        | 2.2                       | <0.5      | 2.1                              | 6.8           |
| MW-58        | 10/01/96        | 110                       | 320       | 940                              | 10000         |
| MW-58        | 01/30/98        | 350                       | 23        | 42                               | 96            |
| MW-58        | 06/22/98        | 22                        | <1        | 28                               | 35            |
| MW-58        | 06/28/13        |                           |           | Not Sampled - Condensate Present |               |
| MW-58        | 06/28/14        |                           |           | Not Sampled - Condensate Present |               |
| MW-58        | 04/30/15        |                           |           | Not Sampled - Condensate Present |               |
| MW-58        | 07/13/17        |                           |           | Not Sampled - Condensate Present |               |
| MW-58        | 06/13/18        |                           |           | Not Sampled - Condensate Present |               |
| MW-58        | 06/25/19        |                           |           | Not Sampled - Condensate Present |               |
| MW-58        | 06/10/20        |                           |           | Not Sampled - Condensate Present |               |

Notes:

- Concentrations listed in micrograms per liter (ug/L)
- <5 Constituent not detected above noted laboratory detection limit
- Indicates parameter was not analyzed

**Appendix B**

4 of 17

Historical BTEX Analytical Data, May 1991 - July 2025  
 OXY USA WTP Limited Partnership, Indian Basin Gas Plant, Eddy County, New Mexico

| Well ID      | Sample Date     | Analytical Results (µg/L)        |           |              |               |
|--------------|-----------------|----------------------------------|-----------|--------------|---------------|
|              |                 | Benzene                          | Toluene   | Ethylbenzene | Total Xylenes |
| MW-58        | 06/22/21        | Not Sampled - Condensate Present |           |              |               |
| MW-58        | 06/23/22        | Not Sampled - Condensate Present |           |              |               |
| MW-58        | 06/22/23        | Not Sampled - Condensate Present |           |              |               |
| MW-58        | 06/11/24        | Not Sampled - Condensate Present |           |              |               |
| MW-58        | 07/22/25        | Not Sampled - Condensate Present |           |              |               |
| <b>MW-66</b> | <b>09/01/91</b> | <b>&lt;1</b>                     | <b>--</b> | <b>--</b>    | <b>--</b>     |
| MW-66        | 12/01/91        | <1                               | <1        | <1           | <1            |
| MW-66        | 04/01/92        | 4                                | 7         | <3           | 4             |
| MW-66        | 07/01/92        | 8                                | 25        | 7            | 11            |
| MW-66        | 10/01/92        | 12                               | 36        | <3           | 34            |
| MW-66        | 01/01/93        | 3                                | 6         | 3            | 20            |
| MW-66        | 04/13/93        | <3                               | 5         | 5            | <3            |
| MW-66        | 07/13/93        | 8                                | 4         | <3           | <3            |
| MW-66        | 10/12/93        | 13                               | 60        | 4            | 29            |
| MW-66        | 11/10/93        | <4                               | <4        | <4           | <4            |
| MW-66        | 01/11/94        | <0.5                             | <0.5      | <0.5         | 0.6           |
| MW-66        | 04/07/94        | <0.5                             | <0.5      | <0.5         | <0.5          |
| MW-66        | 07/19/94        | <0.5                             | 0.6       | <0.5         | 0.8           |
| MW-66        | 10/04/94        | <0.5                             | 3         | 1.5          | 17            |
| MW-66        | 01/09/95        | <0.5                             | <0.5      | <0.5         | <0.5          |
| MW-66        | 04/11/95        | <0.5                             | <0.5      | <0.5         | <0.5          |
| MW-66        | 07/19/95        | <0.5                             | 0.9       | <0.5         | <0.5          |
| MW-66        | 10/10/95        | <0.5                             | <0.5      | <0.5         | 3.5           |
| MW-66        | 01/19/96        | <0.5                             | <0.5      | <0.5         | <0.5          |
| MW-66        | 04/17/96        | <0.5                             | 0.8       | <0.5         | 1             |
| MW-66        | 07/01/96        | <0.5                             | <0.5      | <0.5         | 0.5           |
| MW-66        | 10/01/96        | <0.5                             | <0.5      | <0.5         | <0.5          |
| MW-66        | 02/05/97        | <0.5                             | <0.5      | <0.5         | <0.5          |
| MW-66        | 05/06/97        | <0.5                             | <0.5      | <0.5         | <0.5          |
| MW-66        | 07/16/97        | <0.5                             | <0.5      | <0.5         | <0.5          |
| MW-66        | 10/15/97        | <0.5                             | <0.5      | <0.5         | <0.5          |
| MW-66        | 01/29/98        | <0.5                             | <0.5      | <0.5         | <0.5          |
| MW-66        | 04/28/98        | <0.5                             | <0.5      | <0.5         | <0.5          |
| MW-66        | 06/17/98        | <1                               | 1.6       | <1           | <1            |
| MW-66        | 10/11/98        | <0.5                             | <0.5      | <0.5         | <0.5          |
| MW-66        | 02/01/99        | <0.5                             | <0.5      | <0.5         | <0.5          |
| MW-66        | 04/21/99        | <5                               | <5        | <5           | <10           |
| MW-66        | 12/10/99        | <5                               | <5        | <5           | <10           |
| MW-66        | 04/27/00        | <1                               | <1        | <1           | <1            |
| MW-66        | 10/05/00        | <5                               | <5        | <5           | <10           |
| MW-66        | 04/18/01        | <5                               | <5        | <5           | <15           |
| MW-66        | 11/01/01        | <5                               | <5        | <5           | <10           |
| MW-66        | 04/19/02        | <5                               | <5        | <5           | <5            |
| MW-66        | 10/16/02        | <5                               | <5        | <5           | <5            |
| MW-66        | 04/08/03        | <5                               | <5        | <5           | <5            |
| MW-66        | 10/22/03        | <5                               | <5        | <5           | <5            |
| MW-66        | 04/06/04        | <5                               | <5        | <5           | <5            |
| MW-66        | 04/21/05        | <5                               | <5        | <5           | <15           |
| MW-66        | 04/19/06        | <2.57                            | <2.74     | <2.03        | <5.81         |
| MW-66        | 04/18/07        | <5                               | <5        | <5           | <15           |
| MW-66        | 05/27/09        | <1                               | <1        | <1           | <1            |
| MW-66        | 06/22/10        | <1                               | <1        | <1           | <1            |
| MW-66        | 06/30/11        | <1                               | <1        | <1           | <3            |
| MW-66        | 06/28/12        | <1                               | <1        | <1           | <3            |
| MW-66        | 06/28/13        | <1                               | 17.9      | <1           | <3            |
| MW-66        | 06/27/14        | <1                               | <1        | <1           | <3            |
| MW-66        | 04/29/15        | <1                               | <1        | <1           | <3            |

Notes:

- Concentrations listed in micrograms per liter (ug/L)
- <5 Constituent not detected above noted laboratory detection limit
- Indicates parameter was not analyzed

**Appendix B**

5 of 17

Historical BTEX Analytical Data, May 1991 - July 2025  
 OXY USA WTP Limited Partnership, Indian Basin Gas Plant, Eddy County, New Mexico

| Well ID      | Sample Date     | Analytical Results (µg/L)                |           |              |               |
|--------------|-----------------|--|-----------|--------------|---------------|
|              |                 | Benzene                                  | Toluene   | Ethylbenzene | Total Xylenes |
| MW-66        | 05/24/16        | <1                                       | <1        | <1           | <3            |
| MW-66        | 07/13/17        | <1                                       | <1        | <1           | <3            |
| DUP-1        | 07/13/17        | <1                                       | <1        | <1           | <3            |
| MW-66        | 06/12/18        | <1                                       | 0.38 J    | <1           | <1            |
| MW-66        | 06/25/19        | <0.56                                    | <0.55     | <1.29        | <1.98         |
| MW-66        | 06/09/20        | <0.56                                    | <0.55     | <1.29        | <1.98         |
| MW-66        | 06/22/21        | <2.0                                     | <2.0      | <2.0         | <4.0          |
| MW-66        | 06/23/22        | <0.20                                    | <0.20     | <0.30        | <0.30         |
| MW-66        | 06/22/23        | <0.20                                    | <0.20     | <0.30        | <0.30         |
| MW-66        | 06/13/24        | <0.20                                    | <0.20     | <0.30        | <0.30         |
| MW-66        | 07/23/25        | <1.0                                     | <2.0      | <2.0         | <6.0          |
| <b>MW-70</b> | <b>09/01/91</b> | <b>&lt;1</b>                             | <b>--</b> | <b>--</b>    | <b>--</b>     |
| MW-70        | 12/01/91        | <1                                       | <1        | <1           | <1            |
| MW-70        | 04/01/92        | 3  | 17        | <3           | 8             |
| MW-70        | 07/01/92        | <1                                       | 3         | 1            | 13            |
| MW-70        | 10/01/92        | 11                                       | 40        | 63           | 60            |
| MW-70        | 01/01/93        | <3                                       | <3        | 8            | 5             |
| MW-70        | 04/14/93        | 9  | 20        | <3           | 4             |
| MW-70        | 07/13/93        | <1                                       | 11        | 3            | <3            |
| MW-70        | 10/12/93        | 25                                       | 19        | 19           | 18            |
| MW-70        | 11/10/93        | <4                                       | <4        | <4           | 40            |
| MW-70        | 01/11/94        | <0.5                                     | 0.6       | <0.5         | <0.5          |
| MW-70        | 04/06/94        | <0.5                                     | <0.5      | <0.5         | <0.5          |
| MW-70        | 07/18/94        | <0.5                                     | <0.5      | <0.5         | <0.5          |
| MW-70        | 10/04/94        | 1.2                                      | 4.3       | 1.3          | 12            |
| MW-70        | 01/09/95        | <0.5                                     | 2.3       | <0.5         | 2.4           |
| MW-70        | 04/05/95        | <0.5                                     | <0.5      | <0.5         | 1.1           |
| MW-70        | 07/18/95        | <0.5                                     | 0.8       | <0.5         | <0.5          |
| MW-70        | 10/10/95        | <0.5                                     | <0.5      | <0.5         | <0.5          |
| MW-70        | 01/18/96        | <0.5                                     | <0.5      | <0.5         | <0.5          |
| MW-70        | 04/17/96        | <0.5                                     | <0.5      | <0.5         | <0.5          |
| MW-70        | 07/01/96        | <0.5                                     | <0.5      | <0.5         | <0.5          |
| MW-70        | 10/01/96        | <0.5                                     | <0.5      | <0.5         | <0.5          |
| MW-70        | 02/05/97        | <0.5                                     | <0.5      | <0.5         | <0.5          |
| MW-70        | 10/15/97        | <0.5                                     | <0.5      | <0.5         | <0.5          |
| MW-70        | 06/16/98        | <1                                       | <1        | <1           | <1            |
| MW-70        | 04/22/99        | <5                                       | <5        | <5           | <10           |
| MW-70        | 04/28/00        | <1                                       | <1        | <1           | <1            |
| MW-70        | 10/03/00        | <5                                       | <5        | <5           | <10           |
| MW-70        | 04/24/01        | <5                                       | <5        | <5           | <15           |
| MW-70        | 04/18/02        | <5                                       | <5        | <5           | <5            |
| MW-70        | 04/06/03        | <5                                       | <5        | <5           | <5            |
| MW-70        | 04/12/04        | <5                                       | <5        | <5           | <5            |
| MW-70        | 04/26/05        | <5                                       | <5        | <5           | <15           |
| MW-70        | 04/20/06        | <2.57                                    | <2.74     | <2.03        | <5.81         |
| MW-70        | 04/24/07        | <5                                       | <5        | <5           | <15           |
| MW-70        | 05/27/09        | <1                                       | <1        | <1           | <1            |
| MW-70        | 06/23/10        | <1                                       | <1        | <1           | <1            |
| MW-70        | 06/30/11        | <1                                       | <1        | <1           | <3            |
| MW-70        | 06/28/12        | <1                                       | <1        | <1           | <3            |
| MW-70        | 06/28/13        | <1                                       | 1.5       | <1           | <3            |
| MW-70        | 06/27/14        | NS - Well not accessible due to flooding |           |              |               |
| MW-70        | 04/29/15        | <1                                       | <1        | <1           | <3            |
| MW-70        | 05/24/16        | <1                                       | <1        | <1           | <3            |
| MW-70        | 07/13/17        | <1                                       | <1        | <1           | <3            |
| MW-70        | 06/13/18        | <1                                       | <1        | <1           | <1            |
| MW-70        | 06/25/19        | <0.56                                    | <0.55     | <1.29        | <1.98         |

Notes:

- Concentrations listed in micrograms per liter (ug/L)
- <5 Constituent not detected above noted laboratory detection limit
- Indicates parameter was not analyzed

**Appendix B**

6 of 17

Historical BTEX Analytical Data, May 1991 - July 2025  
 OXY USA WTP Limited Partnership, Indian Basin Gas Plant, Eddy County, New Mexico

| Well ID      | Sample Date     | Analytical Results (µg/L)                        |                |              |               |
|--------------|-----------------|--|----------------|--------------|---------------|
|              |                 | Benzene  | Toluene        | Ethylbenzene | Total Xylenes |
| MW-70        | 06/09/20        | <0.56  | 0.837          | <1.29        | <1.98         |
| MW-70        | 06/22/21        | 7.1  | 5.7            | <2           | <4            |
| MW-70        | 06/23/22        | <0.20  | <0.20          | <0.30        | <0.30         |
| MW-70        | 06/22/23        | <0.20  | <0.20          | <0.30        | <0.30         |
| MW-70        | 06/14/24        | <0.20  | <0.20          | <0.30        | <0.30         |
| MW-70        | 07/22/25        | <1.0   | <2.0           | <2.0         | <6.0          |
| <b>MW-77</b> | <b>07/21/95</b> | <b>&lt;0.5</b>                                   | <b>&lt;0.5</b> | <b>1.9</b>   | <b>2.8</b>    |
| MW-77        | 01/20/96        | <0.5   | 3.1            | <0.5         | 7.1           |
| MW-77        | 04/19/96        | <0.5   | 3.8            | 0.8          | 2.5           |
| MW-77        | 07/01/96        | 8  | 14             | 19           | 35            |
| MW-77        | 10/01/96        | 160  | 320            | 150          | 1000          |
| MW-77        | 05/07/97        | 8.4  | 70             | 8.3          | 52            |
| MW-77        | 07/18/97        | 14   | 30             | 11           | 71            |
| MW-77        | 12/09/99        | <5   | <5             | <5           | <10           |
| MW-77        | 10/03/00        | <5   | <5             | <5           | 24            |
| MW-77        |                 | Not Sampled - Condensate Present                 |                |              |               |
| MW-77        |                 | Not Sampled - Dry                                |                |              |               |
| MW-77        | 10/21/02        | <5   | <5             | <5           | <5            |
| MW-77        | 04/10/03        | <5   | <5             | <5           | <5            |
| MW-77        | 10/24/03        | <5   | <5             | <5           | <5            |
| MW-77        | 04/07/04        | <5   | <5             | <5           | <5            |
| MW-77        | 04/27/05        | <5   | <5             | <5           | <15           |
| MW-77        | 04/26/06        | <2.57  | <2.74          | <2.03        | <5.81         |
| MW-77        | 04/18/07        | <5   | <5             | <5           | <15           |
| MW-77        | 06/23/10        | <1   | <1             | <1           | <1            |
| MW-77        | 06/30/11        | <1   | <1             | <1           | <3            |
| MW-77        | 06/28/12        | Not Sampled - not enough water to collect sample |                |              |               |
| MW-77        | 06/28/13        | Not Sampled - not enough water to collect sample |                |              |               |
| MW-77        | 06/26/14        | <1   | <1             | <1           | <3            |
| MW-77        | 04/30/15        | Not Sampled - not enough water to collect sample |                |              |               |
| MW-77        | 07/13/17        | Not Sampled - not enough water to collect sample |                |              |               |
| MW-77        | 06/13/18        | Not Sampled - not enough water to collect sample |                |              |               |
| MW-77        | 06/25/19        | Not Sampled - not enough water to collect sample |                |              |               |
| MW-77        | 06/10/20        | Not Sampled - not enough water to collect sample |                |              |               |
| MW-77        | 06/22/21        | Not Sampled - not enough water to collect sample |                |              |               |
| MW-77        | 06/23/22        | Not Sampled - not enough water to collect sample |                |              |               |
| MW-77        | 06/22/23        | Not Sampled - not enough water to collect sample |                |              |               |
| MW-77        | 06/11/24        | Not Sampled - not enough water to collect sample |                |              |               |
| MW-77        | 07/22/25        | NS   | NS             | NS           |               |
| <b>MW-81</b> | <b>06/29/98</b> | <b>&lt;1</b>                                     | <b>&lt;1</b>   | <b>&lt;1</b> | <b>1.5</b>    |
| MW-81        | 06/26/14        | Not Sampled - Condensate Present                 |                |              |               |
| MW-81        | 04/30/15        | Not Sampled - Condensate Present                 |                |              |               |
| MW-81        | 05/24/16        | Not Sampled - Condensate Present                 |                |              |               |
| MW-81        | 07/13/17        | Not Sampled - Condensate Present                 |                |              |               |
| MW-81        | 06/13/18        | Not Sampled - Condensate Present                 |                |              |               |
| MW-81        | 06/25/19        | Not Sampled - Condensate Present                 |                |              |               |
| MW-81        | 06/10/20        | Not Sampled - Condensate Present                 |                |              |               |
| MW-81        | 06/22/21        | Not Sampled - Condensate Present                 |                |              |               |
| MW-81        | 06/23/22        | Not Sampled - Condensate Present                 |                |              |               |
| MW-81        | 06/22/23        | Not Sampled - Condensate Present                 |                |              |               |
| MW-81        | 06/11/24        | Not Sampled - Condensate Present                 |                |              |               |
| MW-81        | 07/22/25        | Not Sampled - Condensate Present                 |                |              |               |
| <b>MW-88</b> | <b>08/01/96</b> | <b>&lt;0.5</b>                                   | <b>1.1</b>     | <b>0.5</b>   | <b>1</b>      |
| MW-88        | 10/01/96        | <0.5   | <0.5           | <0.5         | <0.5          |
| MW-88        | 02/05/97        | <0.5   | <0.5           | <0.5         | <0.5          |

Notes:

- Concentrations listed in micrograms per liter (ug/L)
- <5 Constituent not detected above noted laboratory detection limit
- Indicates parameter was not analyzed

## Appendix B

7 of 17

Historical BTEX Analytical Data, May 1991 - July 2025  
 OXY USA WTP Limited Partnership, Indian Basin Gas Plant, Eddy County, New Mexico

| Well ID       | Sample Date     | Analytical Results (µg/L) |                |                |                |
|---------------|-----------------|---------------------------|----------------|----------------|----------------|
|               |                 | Benzene                   | Toluene        | Ethylbenzene   | Total Xylenes  |
| MW-88         | 04/30/97        | <0.5                      | <0.5           | <0.5           | <0.5           |
| MW-88         | 10/15/97        | <0.5                      | <0.5           | <0.5           | <0.5           |
| MW-88         | 01/29/98        | <0.5                      | <0.5           | <0.5           | <0.5           |
| MW-88         | 04/28/98        | <0.5                      | <0.5           | <0.5           | <0.5           |
| MW-88         | 06/27/98        | <1                        | <1             | <1             | <1             |
| MW-88         | 10/11/98        | <0.5                      | <0.5           | <0.5           | <0.5           |
| MW-88         | 02/01/99        | 1.6                       | 1.8            | 1.6            | 4.8            |
| MW-88         | 04/21/99        | <5                        | <5             | <5             | <10            |
| MW-88         | 12/10/99        | <5                        | <5             | <5             | <10            |
| MW-88         | 04/28/00        | <1                        | <1             | <1             | <1             |
| MW-88         | 10/02/00        | <5                        | <5             | <5             | <5             |
| MW-88         | 04/17/01        | <5                        | <5             | <5             | <15            |
| MW-88         | 10/31/01        | <5                        | <5             | <5             | <10            |
| MW-88         | 04/19/02        | <5                        | <5             | <5             | <5             |
| MW-88         | 10/16/02        | <5                        | <5             | <5             | <5             |
| MW-88         | 04/08/03        | <5                        | <5             | <5             | <5             |
| MW-88         | 10/21/03        | <5                        | <5             | <5             | <5             |
| MW-88         | 04/06/04        | <5                        | <5             | <5             | <5             |
| MW-88         | 04/21/05        | <5                        | <5             | <5             | <15            |
| MW-88         | 04/20/06        | <2.57                     | <2.74          | <2.03          | <5.81          |
| MW-88         | 04/19/07        | <5                        | <5             | <5             | <15            |
| MW-88         | 05/27/09        | <1                        | <1             | <1             | <1             |
| MW-88         | 06/22/10        | <1                        | <1             | <1             | <1             |
| MW-88         | 06/30/11        | <1                        | <1             | <1             | <3             |
| MW-88         | 06/28/12        | <1                        | <1             | <1             | <3             |
| MW-88         | 06/28/13        | <1                        | 5.3            | <1             | <3             |
| MW-88         | 06/26/14        | <1                        | <1             | <1             | <3             |
| MW-88         | 04/29/15        | <1                        | <1             | <1             | <3             |
| MW-88         | 05/24/16        | <1                        | <1             | <1             | <3             |
| MW-88         | 07/13/17        | <1                        | <1             | <1             | <3             |
| MW-88         | 06/13/18        | <1                        | <1             | <1             | <1             |
| MW-88         | 06/25/19        | <0.56                     | <0.55          | <1.29          | <1.98          |
| MW-88         | 06/09/20        | <0.56                     | 0.704          | <1.29          | <1.98          |
| MW-88         | 06/22/21        | <40                       | <40            | <40            | <80            |
| MW-88         | 06/23/22        | <0.20                     | <0.20          | <0.30          | <0.30          |
| MW-88         | 06/22/23        | <0.20                     | <0.20          | <0.30          | <0.30          |
| MW-88 (DUP-1) | 06/22/23        | <0.20                     | <0.20          | <0.30          | <0.30          |
| MW-88         | 06/13/24        | <5.0                      | <5.0           | <7.5           | <7.5           |
| MW-88         | 07/23/25        | <1.0                      | <2.0           | <2.0           | <6.0           |
| <b>MW-106</b> | <b>02/11/97</b> | <b>&lt;0.5</b>            | <b>&lt;0.5</b> | <b>&lt;0.5</b> | <b>&lt;0.5</b> |
| MW-106        | 05/07/97        | <0.5                      | <0.5           | <0.5           | <0.5           |
| MW-106        | 07/18/97        | <0.5                      | <0.5           | <0.5           | <0.5           |
| MW-106        | 04/30/98        | <0.5                      | <0.5           | <0.5           | <0.5           |
| MW-106        | 06/28/98        | <1                        | <1             | <1             | <1             |
| MW-106        | 04/29/99        | <5                        | <5             | <5             | <10            |
| MW-106        | 12/08/99        | <5                        | <5             | <5             | <10            |
| MW-106        | 05/01/00        | <1                        | <1             | <1             | <1             |
| MW-106        | 10/02/00        | <5                        | <5             | <5             | <10            |
| MW-106        | 04/18/01        | <5                        | 9.4            | <5             | <15            |
| MW-106        | 10/31/01        | <5                        | <5             | <5             | <10            |
| MW-106        | 04/17/02        | <5                        | <5             | <5             | <5             |
| MW-106        | 10/16/02        | <5                        | 7              | <5             | <5             |
| MW-106        | 04/09/03        | <5                        | <5             | <5             | <5             |
| MW-106        | 10/21/03        | <5                        | <5             | <5             | <5             |
| MW-106        | 04/05/04        | <5                        | <5             | <5             | <5             |
| MW-106        | 04/20/05        | <5                        | <5             | <5             | <15            |
| MW-106        | 04/19/06        | <2.57                     | <2.74          | <2.03          | <5.81          |

## Notes:

Concentrations listed in micrograms per liter (ug/L)

&lt;5 Constituent not detected above noted laboratory detection limit

-- Indicates parameter was not analyzed

**Appendix B**

8 of 17

Historical BTEX Analytical Data, May 1991 - July 2025  
 OXY USA WTP Limited Partnership, Indian Basin Gas Plant, Eddy County, New Mexico

| Well ID       | Sample Date     | Analytical Results (µg/L) |                         |              |               |
|---------------|-----------------|---------------------------|-------------------------|--------------|---------------|
|               |                 | Benzene                   | Toluene                 | Ethylbenzene | Total Xylenes |
| MW-106        | 04/18/07        | <5                        | <5                      | <5           | <15           |
| MW-106        | 06/23/10        | <1                        | <1                      | <1           | <1            |
| MW-106        | 06/30/11        | <1                        | <1                      | <1           | <3            |
| MW-106        | 06/28/12        | <1                        | <1                      | <1           | <3            |
| MW-106        | 06/28/13        | <1                        | 1.8                     | <1           | <3            |
| MW-106        | 06/26/14        | <1                        | <1                      | <1           | <3            |
| MW-106        | 04/30/15        | <1                        | <1                      | <1           | <3            |
| MW-106        | 05/23/16        | <1                        | <1                      | <1           | <3            |
| MW-106        | 07/13/17        | <1                        | <1                      | <1           | <3            |
| MW-106        | 06/13/18        | <1                        | <1                      | <1           | <1            |
| MW-106        | 06/25/19        | <0.56                     | <0.55                   | <1.29        | <1.98         |
| MW-106        | 06/09/20        | <0.56                     | 0.813                   | <1.29        | <1.98         |
| MW-106        | 06/22/21        | <2.0                      | <2.0                    | <2.0         | <4.0          |
| MW-106        | 06/23/22        | <0.20                     | <0.20                   | <0.30        | <0.30         |
| MW-106        | 06/22/23        | <0.20                     | <0.20                   | <0.30        | <0.30         |
| MW-106        | 06/13/24        | <0.20                     | <0.20                   | <0.30        | <0.30         |
| MW-106        | 07/22/25        | <1.0                      | <2.0                    | <2.0         | <6.0          |
| <b>MW-111</b> | <b>06/29/98</b> | <b>&lt;1</b>              | <b>&lt;1</b>            | <b>&lt;1</b> | <b>&lt;1</b>  |
| MW-111        | 10/11/98        | <0.5                      | <0.5                    | <0.5         | <0.5          |
| MW-111        | 02/01/99        | <0.5                      | 0.8                     | <0.5         | <0.5          |
| MW-111        | 04/21/99        | <5                        | <5                      | <5           | <10           |
| MW-111        | 12/13/99        | <5                        | <5                      | <5           | <10           |
| MW-111        | 04/27/00        | <1                        | <1                      | <1           | <1            |
| MW-111        | 10/05/00        | <5                        | <5                      | <5           | <10           |
| MW-111        | 04/18/01        | <5                        | <5                      | <5           | <15           |
| MW-111        | 11/02/01        | <5                        | <5                      | <5           | <10           |
| MW-111        | 04/19/02        | <5                        | <5                      | <5           | <5            |
| MW-111        | 10/16/02        | <5                        | <5                      | <5           | <5            |
| MW-111        | 04/07/03        | <5                        | <5                      | <5           | 6             |
| MW-111        | 10/22/03        | <5                        | <5                      | <5           | <5            |
| MW-111        | 04/07/04        | <5                        | <5                      | <5           | 5             |
| MW-111        | 04/21/05        | <5                        | <5                      | <5           | <15           |
| MW-111        | 04/19/06        | <2.57                     | <2.74                   | <2.03        | <5.81         |
| MW-111        | 04/18/07        | <5                        | <5                      | <5           | <15           |
| MW-111        | 05/27/09        | <1                        | <1                      | <1           | <1            |
| MW-111        | 06/22/10        | <1                        | <1                      | <1           | <1            |
| MW-111        | 06/30/11        | <1                        | <1                      | <1           | <3            |
| MW-111        | 06/28/12        | <1                        | <1                      | <1           | <3            |
| MW-111        | 06/28/13        | <1                        | 3.9                     | <1           | <3            |
| MW-111        | 06/27/14        | <1                        | <1                      | <1           | <3            |
| MW-111        | 04/30/15        | <1                        | <1                      | <1           | <3            |
| MW-111        | 05/24/16        | <1                        | <1                      | <1           | <3            |
| MW-111        | 07/13/17        | <1                        | <1                      | <1           | <3            |
| MW-111        | 06/13/18        | <1                        | <1                      | <1           | <1            |
| MW-111        | 06/25/19        | <0.56                     | <0.55                   | <1.29        | <1.98         |
| MW-111        | 06/09/20        | <0.56                     | <0.55                   | <1.29        | <1.98         |
| MW-111        | 06/22/21        | <40                       | <40                     | <40          | <80           |
| MW-111        | 06/23/22        | <0.20                     | <0.20                   | <0.30        | <0.30         |
| MW-111        | 06/22/23        | <0.20                     | <0.20                   | <0.30        | <0.30         |
| MW-111        | 06/14/24        | <0.20                     | <0.20                   | <0.30        | <0.30         |
| MW-111        | 07/22/25        | <1.0                      | <2.0                    | <2.0         | <6.0          |
| <b>MW-113</b> | <b>08/11/99</b> | <b>140</b>                | <b>&lt;5</b>            | <b>59</b>    | <b>390</b>    |
| MW-113        | 06/27/14        |                           | NS - Condensate Present |              |               |
| MW-113        | 04/30/15        |                           | NS - Condensate Present |              |               |
| MW-113        | 07/13/17        |                           | NS - Condensate Present |              |               |
| MW-113        | 06/13/18        |                           | NS - Condensate Present |              |               |

Notes:

- Concentrations listed in micrograms per liter (ug/L)
- <5 Constituent not detected above noted laboratory detection limit
- Indicates parameter was not analyzed

**Appendix B**

9 of 17

Historical BTEX Analytical Data, May 1991 - July 2025  
 OXY USA WTP Limited Partnership, Indian Basin Gas Plant, Eddy County, New Mexico

| Well ID        | Sample Date     | Analytical Results (µg/L)                        |            |                         |               |
|----------------|-----------------|--|------------|-------------------------|---------------|
|                |                 | Benzene  | Toluene    | Ethylbenzene            | Total Xylenes |
| MW-113         | 06/25/19        |  |            | NS - Condensate Present |               |
| MW-113         | 06/10/20        |  |            | NS - Condensate Present |               |
| MW-113         | 06/22/21        |  |            | NS - Condensate Present |               |
| MW-113         | 06/23/22        |  |            | NS - Condensate Present |               |
| MW-113         | 06/22/23        | Not Sampled - not enough water to collect sample |            |                         |               |
| MW-113         | 06/11/24        | Not Sampled - not enough water to collect sample |            |                         |               |
| MW-113         | 07/22/25        | Not Sampled - not enough water to collect sample |            |                         |               |
| <b>MW-127</b>  | <b>12/28/99</b> | <b>190</b>                                       | <b>7.1</b> | <b>38</b>               | <b>16</b>     |
| MW-127         | 05/28/09        | <1   | <1         | <1                      | 1.4           |
| MW-127         | 06/23/10        | <1   | <1         | <1                      | 2.2           |
| MW-127         | 07/01/11        | <1   | <1         | <1                      | <3            |
| MW-127         | 06/28/12        | <1   | <1         | <1                      | <3            |
| MW-127         | 06/28/13        | <1   | 2.8        | 0.48 J                  | <3            |
| MW-127         | 06/26/14        | <1   | <1         | <1                      | <3            |
| MW-127         | 04/30/15        | <1   | <1         | <1                      | <3            |
| MW-127         | 05/24/16        | <1   | <1         | <1                      | <3            |
| MW-127         | 07/13/17        | <1   | <1         | <1                      | <3            |
| MW-127         | 06/14/18        | <1   | <1         | <1                      | <1            |
| MW-127         | 06/25/19        | <0.56  | <0.55      | <1.29                   | <1.98         |
| MW-127         | 06/10/20        | <0.56  | 0.927      | <1.29                   | <1.98         |
| MW-127 (DUP-1) | 06/10/20        | <0.56  | 0.569      | <1.29                   | <1.98         |
| MW-127         | 06/22/21        | <20  | <20        | <20                     | <40           |
| MW-127         | 06/23/22        | <0.20  | <0.20      | <0.30                   | <0.30         |
| MW-127         | 06/22/23        | <0.20  | <0.20      | <0.30                   | <0.30         |
| MW-127         | 06/13/24        | <5.0   | <5.0       | <7.5                    | <7.5          |
| MW-127         | 12/02/25        | <1.0   | <2.0       | <2.0                    | <6.0          |

Notes:

- Concentrations listed in micrograms per liter (ug/L)
- <5 Constituent not detected above noted laboratory detection limit
- Indicates parameter was not analyzed

Appendix B

Wet Chemistry, 1991 through 2025  
 OXY USA WTP Limited Partnership, Indian Basin Gas Plant, Eddy County, New Mexico

| Station or Well<br>Name | Sample Collection Date | Wet Chemistry Analytical Data (mg/L) |  |                   |
|-------------------------|------------------------|--------------------------------------|--|-------------------|
|                         |                        | Constituent                          |  |                   |
|                         |                        | New Mexico Standards                 | Total Dissolved Solids (TDS)<br>1,000<br>Chloride<br>250 |                   |
| <b>MW-014</b>           | <b>6/22/1998</b>       |                                      | <b><u>1.400</u></b>                                      | <b><u>330</u></b> |
| MW-014                  | 4/18/2002              |                                      | <u>1.200</u>   | <u>300</u>        |
| MW-014                  | 10/24/2003             |                                      | <u>1.100</u>   | 150               |
| MW-014 (Dup 1)          | 10/24/2003             |                                      | <u>1.000</u>   | 140               |
| MW-014                  | 4/25/2005              |                                      | <u>1.130</u>   | 230               |
| MW-014 (Dup 1)          | 4/25/2005              |                                      | <u>1.100</u>   | 232               |
| MW-014                  | 4/27/2006              |                                      | <u>1.110</u>   | 209               |
| MW-014 (Dup 1)          | 4/27/2006              |                                      | <u>1.110</u>   | 207               |
| MW-014                  | 4/20/2007              |                                      | <u>1.060</u>   | 196               |
| MW-014 (Dup 1)          | 4/20/2007              |                                      | <u>1.010</u>   | 194               |
| MW-014                  | 6/25/2014              |                                      | <u>1.430</u>   | 61.6              |
| MW-014                  | 4/30/2015              |                                      | <u>1.320</u>   | <u>268</u>        |
| MW-014                  | 5/25/2016              |                                      | <u>1.400</u>   | <u>266</u>        |
| MW-014                  | 7/12/2017              |                                      | <u>1.610</u>   | 240               |
| MW-014                  | 6/25/2019              |                                      | <u>2.530</u>   | 124               |
| MW-014                  | 6/10/2020              |                                      | <u>1.360</u>   | 132               |
| MW-014                  | 7/22/2025              |                                      | NA   | NA                |
| <b>MW-045</b>           | <b>6/1/1991</b>        |                                      | <b><u>5.440</u></b>                                      | <b><u>507</u></b> |
| MW-045                  | 9/1/1991               |                                      | <u>3.920</u>   | NA                |
| MW-045                  | 12/1/1991              |                                      | NA   | <u>354</u>        |
| MW-045                  | 7/15/1993              |                                      | NA   | <u>434</u>        |
| MW-045                  | 10/14/1993             |                                      | NA   | <u>408</u>        |
| MW-045                  | 1/13/1994              |                                      | NA   | <u>440</u>        |
| MW-045                  | 4/6/1994               |                                      | NA   | <u>430</u>        |
| MW-045                  | 7/20/1994              |                                      | NA   | <u>429</u>        |
| MW-045                  | 5/29/2009              |                                      | <u>2.540</u>   | 174               |
| MW-045                  | 6/23/2010              |                                      | <u>4.190</u>   | <u>473</u>        |
| MW-045                  | 7/1/2011               |                                      | <u>3.630</u>   | 208               |
| MW-045                  | 6/28/2012              |                                      | <u>3.840</u>   | <u>314</u>        |
| MW-045                  | 6/25/2014              |                                      | <u>4.120</u>   | 98.7              |
| MW-045                  | 4/30/2015              |                                      | <u>5.990</u>   | 209               |
| MW-045                  | 5/25/2016              |                                      | <u>5.400</u>   | 238               |
| MW-045 (Dup 1)          | 5/25/2016              |                                      | <u>5.340</u>   | 245               |
| MW-045                  | 7/13/2017              |                                      | <u>5.620</u>   | <u>308</u>        |
| MW-045                  | 6/13/2018              |                                      | <u>5.090</u>   | <u>256</u>        |
| MW-045                  | 6/24/2019              |                                      | <u>5.500</u>   | 177               |
| MW-045 (Dup 1)          | 6/24/2019              |                                      | <u>5.300</u>   | 127               |
| MW-045                  | 6/10/2020              |                                      | <u>5.230</u>   | 150               |
| MW-045                  | 6/22/2021              |                                      | <u>5.750</u>   | <u>497</u>        |
| MW-045                  | 6/23/2022              |                                      | <u>6.480</u>   | <u>313</u>        |
| MW-045                  | 6/22/2023              |                                      | <u>5.380</u>   | <u>266</u>        |
| MW-45                   | 7/23/2025              |                                      | <u>10.100</u>  | <u>498</u>        |
| <b>MW-046</b>           | <b>6/1/1991</b>        |                                      | <b><u>1.220</u></b>                                      | <b><u>152</u></b> |
| MW-046                  | 7/1/1991               |                                      | NA   | 45                |
| MW-046                  | 10/1/1996              |                                      | NA   | 170               |
| MW-046                  | 2/11/1997              |                                      | NA   | 220               |

Notes:

NA No analysis performed  
 mg/L Milligrams per liter

1,100 Indicates result at/above the applicable standard

<5 Indicates the result is below the specified laboratory detection limit

Appendix B

Wet Chemistry, 1991 through 2025  
 OXY USA WTP Limited Partnership, Indian Basin Gas Plant, Eddy County, New Mexico

|                      |                        | Wet Chemistry Analytical Data (mg/L) |            |
|----------------------|------------------------|--------------------------------------|------------|
| Constituent          |                        | Total Dissolved Solids (TDS)         | Chloride   |
| New Mexico Standards |                        | 1,000                                | 250        |
| Station or Well Name | Sample Collection Date |                                      |            |
| MW-046               | 5/29/1997              | <u>1,300</u>                         | 132        |
| MW-046               | 7/18/1997              | NA                                   | 180        |
| MW-046               | 6/21/1998              | 940                                  | 140        |
| MW-046               | 4/20/1999              | 580                                  | 31         |
| MW-046               | 4/28/2000              | 565                                  | 25.8       |
| MW-046               | 4/19/2001              | 570                                  | 47         |
| MW-046               | 4/17/2002              | 490                                  | 37         |
| MW-046               | 4/8/2004               | <u>2,300</u>                         | <u>340</u> |
| MW-046               | 4/27/2005              | <u>1,090</u>                         | 116        |
| MW-046               | 4/23/2007              | <u>1,770</u>                         | 132        |
| MW-046               | 6/25/2014              | 870                                  | 103        |
| MW-046               | 6/25/2019              | <u>3,880</u>                         | 192        |
| MW-046               | 6/25/2020              | <u>1,630</u>                         | 125        |
| <b>MW-049</b>        | <b>6/1/1991</b>        | <b><u>3,910</u></b>                  | <b>365</b> |
| MW-049               | 6/25/1991              | NA                                   | NA         |
| MW-049               | 7/15/1993              | NA                                   | <u>399</u> |
| MW-049               | 10/14/1993             | NA                                   | <u>397</u> |
| MW-049               | 1/13/1994              | NA                                   | <u>400</u> |
| MW-049               | 4/6/1994               | NA                                   | <u>380</u> |
| MW-049               | 7/20/1994              | NA                                   | <u>368</u> |
| MW-049               | 10/5/1994              | NA                                   | <u>380</u> |
| MW-049               | 1/11/1995              | NA                                   | <u>389</u> |
| MW-049               | 4/6/1995               | NA                                   | <u>390</u> |
| MW-049               | 7/21/1995              | NA                                   | <u>380</u> |
| MW-049               | 10/12/1995             | NA                                   | <u>350</u> |
| MW-049               | 1/20/1996              | NA                                   | <u>410</u> |
| MW-049               | 4/19/1996              | NA                                   | <u>400</u> |
| MW-049               | 7/1/1996               | NA                                   | <u>360</u> |
| MW-049               | 10/1/1996              | NA                                   | 36         |
| MW-049               | 2/7/1997               | NA                                   | <u>410</u> |
| MW-049               | 3/20/1997              | <u>3,100</u>                         | NA         |
| MW-049               | 7/18/1997              | NA                                   | <u>350</u> |
| MW-049               | 6/21/1998              | <u>2,800</u>                         | <u>630</u> |
| MW-049               | 4/20/1999              | <u>3,000</u>                         | <u>410</u> |
| MW-049               | 4/27/2000              | <u>3,320</u>                         | <u>379</u> |
| MW-049               | 4/17/2001              | <u>3,100</u>                         | <u>350</u> |
| MW-049               | 4/17/2002              | <u>2,600</u>                         | <u>450</u> |
| MW-049               | 10/28/2003             | <u>2,900</u>                         | <u>570</u> |
| MW-049               | 4/9/2004               | <u>2,900</u>                         | <u>440</u> |
| MW-049 (Dup-1)       | 4/9/2004               | <u>3,000</u>                         | <u>410</u> |
| MW-049               | 4/25/2005              | <u>3,960</u>                         | <u>345</u> |
| MW-049               | 4/26/2006              | <u>3,400</u>                         | <u>318</u> |
| MW-049               | 4/20/2007              | <u>2,990</u>                         | <u>325</u> |
| MW-049               | 5/28/2009              | <u>3,090</u>                         | <u>370</u> |
| MW-049               | 6/23/2010              | <u>2,650</u>                         | <u>408</u> |
| MW-049               | 7/1/2011               | <u>3,250</u>                         | <u>347</u> |
| MW-049               | 6/28/2012              | <u>3,640</u>                         | <u>325</u> |

Notes:

NA No analysis performed  
 mg/L Milligrams per liter

1,100 Indicates result at/above the applicable standard

<5 Indicates the result is below the specified laboratory detection limit

Appendix B

Wet Chemistry, 1991 through 2025  
 OXY USA WTP Limited Partnership, Indian Basin Gas Plant, Eddy County, New Mexico

|                             |                               | Wet Chemistry Analytical Data (mg/L) |            |
|-----------------------------|-------------------------------|--------------------------------------|------------|
| Constituent                 |                               | Total Dissolved Solids (TDS)         | Chloride   |
| New Mexico Standards        |                               | 1,000                                | 250        |
| <b>Station or Well Name</b> | <b>Sample Collection Date</b> |                                      |            |
| MW-049                      | 6/28/2013                     | <u>4,290</u>                         | <u>289</u> |
| MW-049                      | 6/25/2014                     | <u>3,570</u>                         | <u>356</u> |
| MW-049                      | 4/30/2015                     | <u>5,220</u>                         | <u>464</u> |
| MW-049                      | 5/25/2016                     | <u>4,900</u>                         | <u>379</u> |
| MW-049                      | 7/12/2017                     | <u>4,390</u>                         | <u>355</u> |
| MW-049                      | 6/13/2018                     | <u>3,780</u>                         | <u>314</u> |
| MW-049                      | 6/24/2019                     | <u>3,540</u>                         | <u>285</u> |
| MW-049                      | 6/10/2020                     | <u>4,000</u>                         | <u>491</u> |
| MW-049                      | 6/22/2021                     | <u>3,360</u>                         | <u>316</u> |
| MW-049                      | 6/23/2022                     | <u>4,050</u>                         | <u>343</u> |
| MW-049                      | 6/22/2023                     | <u>3,940</u>                         | <u>317</u> |
| MW-049                      | 6/13/2024                     | <u>3,930</u>                         | <u>294</u> |
| MW-049                      | 7/23/2025                     | <u>4,100</u>                         | <u>292</u> |
| <b>MW-058</b>               | <b>12/1/1991</b>              | <b>NA</b>                            | <b>124</b> |
| MW-058                      | 4/1/1992                      | NA                                   | 156        |
| MW-058                      | 7/1/1992                      | NA                                   | 149        |
| MW-058                      | 10/1/1992                     | NA                                   | 155        |
| MW-058                      | 1/1/1993                      | NA                                   | 175        |
| MW-058                      | 4/13/1993                     | NA                                   | 133        |
| MW-058                      | 7/13/1993                     | NA                                   | 133        |
| MW-058                      | 10/13/1993                    | NA                                   | 59         |
| MW-058                      | 4/5/1994                      | NA                                   | 48         |
| MW-058                      | 7/19/1994                     | NA                                   | 38         |
| MW-058                      | 10/6/1994                     | NA                                   | 36         |
| MW-058                      | 1/11/1995                     | NA                                   | 26         |
| MW-058                      | 4/8/1995                      | NA                                   | 39         |
| MW-058                      | 4/18/1996                     | NA                                   | 29         |
| MW-058                      | 10/1/1996                     | NA                                   | 38         |
| MW-058                      | 6/22/1998                     | 760                                  | 42         |
| MW-058                      | 12/1/1991                     | NA                                   | 124        |
| MW-058                      | 4/1/1992                      | NA                                   | 156        |
| MW-058                      | 7/1/1992                      | NA                                   | 149        |
| MW-058                      | 10/1/1992                     | NA                                   | 155        |
| MW-058                      | 1/1/1993                      | NA                                   | 175        |
| MW-058                      | 4/13/1993                     | NA                                   | 133        |
| MW-058                      | 7/13/1993                     | NA                                   | 133        |
| MW-058                      | 10/13/1993                    | NA                                   | 59         |
| MW-058                      | 4/5/1994                      | NA                                   | 48         |
| MW-058                      | 7/19/1994                     | NA                                   | 38         |
| MW-058                      | 10/6/1994                     | NA                                   | 36         |
| MW-058                      | 1/11/1995                     | NA                                   | 26         |
| MW-058                      | 4/8/1995                      | NA                                   | 39         |
| MW-058                      | 4/18/1996                     | NA                                   | 29         |
| MW-058                      | 10/1/1996                     | NA                                   | 38         |
| MW-058                      | 6/22/1998                     | 760                                  | 42         |
| <b>MW-066</b>               | <b>12/1/1991</b>              | <b>NA</b>                            | <b>9</b>   |

Notes:

NA No analysis performed

mg/L Milligrams per liter

1,100 Indicates result at/above the applicable standard

<5 Indicates the result is below the specified laboratory detection limit

Appendix B

Wet Chemistry, 1991 through 2025  
 OXY USA WTP Limited Partnership, Indian Basin Gas Plant, Eddy County, New Mexico

| Station or Well<br>Name | Sample Collection Date | Wet Chemistry Analytical Data (mg/L) |          |
|-------------------------|------------------------|--------------------------------------|----------|
|                         |                        | Constituent                          | Chloride |
|                         |                        | New Mexico Standards                 | 250      |
|                         |                        | Total Dissolved Solids (TDS)         | 1,000    |
| MW-066                  | 4/1/1992               | NA                                   | 8        |
| MW-066                  | 7/1/1991               | NA                                   | 8        |
| MW-066                  | 10/1/1992              | NA                                   | 8        |
| MW-066                  | 1/1/1993               | NA                                   | 12       |
| MW-066                  | 4/13/1993              | NA                                   | 8        |
| MW-066                  | 7/13/1993              | NA                                   | 15       |
| MW-066                  | 10/12/1993             | NA                                   | 7        |
| MW-066                  | 1/1/1994               | NA                                   | 9        |
| MW-066                  | 4/7/1994               | NA                                   | 8.7      |
| MW-066                  | 7/19/1994              | NA                                   | <5       |
| MW-066                  | 104/94                 | NA                                   | 8.8      |
| MW-066                  | 1/9/1995               | NA                                   | 6        |
| MW-066                  | 4/11/1995              | NA                                   | 8.9      |
| MW-066                  | 7/19/1995              | NA                                   | 8        |
| MW-066                  | 10/10/1995             | NA                                   | 9        |
| MW-066                  | 1/19/1996              | NA                                   | 10       |
| MW-066                  | 4/17/1996              | NA                                   | 9.6      |
| MW-066                  | 7/1/1996               | NA                                   | 6        |
| MW-066                  | 10/1/1996              | NA                                   | 7        |
| MW-066                  | 2/5/1997               | NA                                   | 9        |
| MW-066                  | 5/6/1997               | NA                                   | 9        |
| MW-066                  | 7/16/1997              | NA                                   | 8        |
| MW-066                  | 10/15/1997             | NA                                   | NA       |
| MW-066                  | 6/17/1998              | 760                                  | 13       |
| MW-066                  | 4/21/1999              | 730                                  | 10       |
| MW-066                  | 4/27/2000              | 848                                  | 8.61     |
| MW-066                  | 4/18/2001              | 660                                  | 9.3      |
| MW-066                  | 4/19/2002              | 790                                  | 8.8      |
| MW-066                  | 10/22/2003             | 770                                  | 8.4      |
| MW-066                  | 4/6/2004               | 810                                  | 8.0      |
| MW-066                  | 4/21/2005              | 867                                  | 10.8     |
| MW-066                  | 4/19/2006              | 797                                  | 11.1     |
| MW-066                  | 4/18/2007              | 795                                  | 10.5     |
| MW-066                  | 5/27/2009              | 865                                  | 8.29     |
| MW-066                  | 6/22/2010              | 768                                  | 9.09     |
| MW-066                  | 6/30/2011              | 817                                  | 8.60     |
| MW-066                  | 6/28/2012              | 687                                  | 9.6      |
| MW-066                  | 6/25/2014              | 793                                  | 8.5      |
| MW-066                  | 4/29/2015              | 822                                  | 9.5      |
| MW-066                  | 5/24/2016              | 839                                  | 8.1      |
| MW-066                  | 7/13/2017              | 808                                  | 8.4      |
| DUP-1                   | 7/13/2017              | 819                                  | 8.5      |
| MW-066                  | 6/12/2018              | 857                                  | 8.6      |
| MW-066                  | 6/25/2019              | 860                                  | 8.1      |
| MW-066                  | 6/9/2020               | 920                                  | 11.4     |
| MW-066                  | 6/22/2021              | 788                                  | 8.31     |
| MW-066                  | 6/23/2022              | 836                                  | 8.34     |
| MW-066                  | 6/22/2023              | 604                                  | 8.93     |

Notes:

NA No analysis performed  
 mg/L Milligrams per liter

1,100 Indicates result at/above the applicable standard

<5 Indicates the result is below the specified laboratory detection limit

Appendix B

Wet Chemistry, 1991 through 2025  
 OXY USA WTP Limited Partnership, Indian Basin Gas Plant, Eddy County, New Mexico

| Station or Well Name | Sample Collection Date | Wet Chemistry Analytical Data (mg/L) |           |
|----------------------|------------------------|--------------------------------------|-----------|
|                      |                        | Constituent                          | Chloride  |
|                      |                        | New Mexico Standards                 | 250       |
|                      |                        | Total Dissolved Solids (TDS)         | 1,000     |
| MW-066               | 6/13/2024              | 702                                  | 8.62      |
| MW-066               | 7/23/2025              | 752                                  | 8.64      |
| <b>MW-070</b>        | <b>12/1/1991</b>       | <b>NA</b>                            | <b>10</b> |
| MW-070               | 4/1/1992               | NA                                   | 8         |
| MW-070               | 7/1/1992               | NA                                   | 9.2       |
| MW-070               | 10/1/1992              | NA                                   | 17        |
| MW-070               | 1/1/1993               | NA                                   | 8         |
| MW-070               | 4/14/1993              | NA                                   | 8         |
| MW-070               | 7/13/1993              | NA                                   | 8         |
| MW-070               | 10/12/1993             | NA                                   | 11        |
| MW-070               | 1/11/1994              | NA                                   | 10        |
| MW-070               | 4/6/1994               | NA                                   | 9.5       |
| MW-070               | 7/18/1994              | NA                                   | 8         |
| MW-070               | 10/4/1994              | NA                                   | 9.5       |
| MW-070               | 1/9/1995               | NA                                   | 9         |
| MW-070               | 4/5/1995               | NA                                   | 9.7       |
| MW-070               | 7/18/1995              | NA                                   | 9         |
| MW-070               | 10/10/1995             | NA                                   | 10        |
| MW-070               | 1/18/1996              | NA                                   | 11        |
| MW-070               | 4/17/1996              | NA                                   | 9.7       |
| MW-070               | 7/1/1996               | NA                                   | 8         |
| MW-070               | 10/1/1996              | NA                                   | 10        |
| MW-070               | 2/5/1997               | NA                                   | 10        |
| MW-070               | 10/15/1997             | NA                                   | NA        |
| MW-070               | 6/16/1998              | 370                                  | 12        |
| MW-070               | 4/22/1999              | 310                                  | 11        |
| MW-070               | 4/27/2000              | 385                                  | 8.61      |
| MW-070               | 4/24/2001              | 270                                  | 9.8       |
| MW-070               | 4/18/2002              | 310                                  | 15        |
| MW-070               | 10/23/2003             | 350                                  | 10        |
| MW-070               | 4/12/2004              | 420                                  | 9.9       |
| MW-070               | 4/26/2005              | 336                                  | 11.6      |
| MW-070               | 4/20/2006              | 328                                  | 11.5      |
| MW-070               | 4/24/2007              | <u>1,150</u>                         | 21.9      |
| MW-070               | 5/27/2009              | 508                                  | 10.2      |
| MW-070               | 6/23/2010              | 350                                  | 9.96      |
| MW-070               | 6/30/2011              | 426                                  | 9.5       |
| MW-070               | 6/28/2012              | 509                                  | 33.3      |
| MW-070               | 4/29/2015              | 377                                  | 109       |
| MW-070               | 5/24/2016              | 402                                  | 9.6       |
| MW-070               | 7/13/2017              | 333                                  | 9.9       |
| MW-070               | 6/13/2018              | 498                                  | 10.3      |
| MW-070               | 6/25/2019              | <u>1,750</u>                         | 9.87      |
| MW-070               | 6/9/2020               | 394                                  | 8.61      |
| MW-070               | 6/22/2021              | 431                                  | 10.7      |
| MW-070               | 6/23/2022              | 388                                  | 9.84      |
| MW-070               | 6/22/2023              | 14                                   | 10.1      |

Notes:

NA No analysis performed  
 mg/L Milligrams per liter

1,100 Indicates result at/above the applicable standard

<5 Indicates the result is below the specified laboratory detection limit

Appendix B

Wet Chemistry, 1991 through 2025  
 OXY USA WTP Limited Partnership, Indian Basin Gas Plant, Eddy County, New Mexico

| Station or Well Name | Sample Collection Date | Wet Chemistry Analytical Data (mg/L) |  |            |
|----------------------|------------------------|--------------------------------------|--|------------|
|                      |                        | Constituent                          |  |            |
|                      |                        | New Mexico Standards                 | Total Dissolved Solids (TDS)<br>1,000<br>Chloride<br>250 |            |
| MW-070               | 6/14/2024              |                                      | 422  | 10.5       |
| MW-070               | 7/22/2025              |                                      | 370  | 10.4       |
| <b>MW-077</b>        | <b>7/21/1995</b>       |                                      | <b>NA</b>  | <b>110</b> |
| MW-077               | 1/20/1996              |                                      | NA   | 120        |
| MW-077               | 4/19/1996              |                                      | NA   | 120        |
| MW-077               | 7/1/1996               |                                      | NA   | 100        |
| MW-077               | 10/1/1996              |                                      | NA   | 140        |
| MW-077               | 5/7/1997               |                                      | NA   | 150        |
| MW-077               | 7/18/1997              |                                      | NA   | 150        |
| MW-077               | 10/24/2003             |                                      | 590  | 57         |
| MW-077               | 4/7/2004               |                                      | 550  | 40         |
| MW-077               | 4/27/2005              |                                      | <u>1,110</u>   | 180        |
| MW-077               | 4/26/2006              |                                      | 521  | 55         |
| MW-077               | 6/23/2010              |                                      | 545  | 48         |
| MW-077               | 6/30/2011              |                                      | 467  | 26.9       |
| MW-077               | 6/25/2014              |                                      | 537  | 39.9       |
| <b>MW-081</b>        | <b>6/29/1998</b>       |                                      | <b>800</b>   | <b>16</b>  |
| <b>MW-088</b>        | <b>2/5/1997</b>        |                                      | <b>970</b>   | <b>30</b>  |
| MW-088               | 4/30/1997              |                                      | NA   | 26         |
| MW-088               | 10/15/1997             |                                      | NA   | NA         |
| MW-088               | 6/18/1998              |                                      | 840  | 22         |
| MW-088               | 4/21/1999              |                                      | 800  | 24         |
| MW-088               | 4/28/2000              |                                      | 876  | 43.1       |
| MW-088               | 4/17/2001              |                                      | 770  | 23         |
| MW-088               | 4/19/2002              |                                      | 750  | 35         |
| MW-088               | 10/21/2003             |                                      | 810  | 22         |
| MW-088               | 4/6/2004               |                                      | 820  | 19         |
| MW-088               | 4/21/2005              |                                      | 945  | 27.8       |
| MW-088               | 4/20/2006              |                                      | 780  | 29.7       |
| MW-088               | 4/19/2007              |                                      | 861  | 32.8       |
| MW-088               | 5/27/2009              |                                      | 937  | 48.1       |
| MW-088               | 6/22/2010              |                                      | 919  | 35.2       |
| MW-088               | 6/30/2011              |                                      | 946  | 41.1       |
| MW-088               | 6/28/2012              |                                      | 912  | 29.8       |
| MW-088               | 6/25/2014              |                                      | 863  | 26.2       |
| MW-088               | 4/29/2015              |                                      | 914  | 30.6       |
| MW-088               | 5/24/2016              |                                      | 975  | 27.4       |
| MW-088               | 7/13/2017              |                                      | 984  | 29.8       |
| MW-088               | 6/13/2018              |                                      | <u>1,030</u>   | 28.9       |
| MW-088               | 6/25/2019              |                                      | 920  | 28.4       |
| MW-088               | 6/9/2020               |                                      | 962  | 25.5       |
| MW-088               | 6/22/2021              |                                      | 884  | 35         |
| MW-088 (DUP-1)       | 6/22/2021              |                                      | 855  | 32.9       |
| MW-088               | 6/23/2022              |                                      | <u>1,020</u>   | 26.1       |
| MW-088               | 6/22/2023              |                                      | 620  | 26.9       |

Notes:

NA No analysis performed

mg/L Milligrams per liter

1,100 Indicates result at/above the applicable standard

<5 Indicates the result is below the specified laboratory detection limit

Appendix B

Wet Chemistry, 1991 through 2025  
 OXY USA WTP Limited Partnership, Indian Basin Gas Plant, Eddy County, New Mexico

| Station or Well Name | Sample Collection Date | Wet Chemistry Analytical Data (mg/L) |            |
|----------------------|------------------------|--------------------------------------|------------|
|                      |                        | Constituent                          | Chloride   |
|                      |                        | New Mexico Standards                 | 250        |
|                      |                        | Total Dissolved Solids (TDS)         | 1,000      |
| MW-088 (DUP-1)       | 6/22/2023              | 680                                  | 26.8       |
| MW-088               | 6/13/2024              | 880                                  | 25.3       |
| MW-088               | 7/23/2025              | 916                                  | 27.4       |
| <b>MW-106</b>        | <b>2/11/1997</b>       | <b>430</b>                           | <b>10</b>  |
| MW-106               | 5/7/1997               | NA                                   | 4          |
| MW-106               | 7/18/1997              | NA                                   | 5          |
| MW-106               | 6/18/1998              | 380                                  | 4          |
| MW-106               | 4/29/1999              | NA                                   | 12         |
| MW-106               | 5/1/2000               | 350                                  | 3.45       |
| MW-106               | 4/18/2001              | 340                                  | 5.6        |
| MW-106               | 4/17/2002              | 350                                  | 12         |
| MW-106               | 10/21/2003             | 350                                  | 3.1        |
| MW-106               | 4/5/2004               | 540                                  | 3.3        |
| MW-106               | 4/20/2005              | 405                                  | 3.58       |
| MW-106               | 4/19/2006              | 371                                  | 4.34       |
| MW-106               | 4/18/2007              | 396                                  | 4.17       |
| MW-106               | 6/23/2010              | 349                                  | 3.12       |
| MW-106               | 6/30/2011              | 368                                  | 2.3        |
| MW-106               | 6/28/2012              | 374                                  | 3.8        |
| MW-106               | 6/28/2013              | 387                                  | 2.5        |
| MW-106               | 6/25/2014              | 374                                  | 2.5        |
| MW-106               | 4/30/2015              | 388                                  | 4.8        |
| MW-106               | 5/23/2016              | 388                                  | 2.9        |
| MW-106               | 7/13/2017              | 364                                  | 3.1        |
| MW-106               | 6/13/2018              | 404                                  | 3.1        |
| MW-106               | 6/25/2019              | 368                                  | 3.72       |
| MW-106               | 6/9/2020               | 383                                  | 3.26       |
| MW-106               | 6/22/2021              | 362                                  | 3.14       |
| MW-106               | 6/23/2022              | 428                                  | 3.08       |
| MW-106               | 6/22/2023              | 230                                  | 4.04       |
| MW-106               | 6/13/2024              | 348                                  | 3.52       |
| MW-106               | 7/22/2025              | 258                                  | 4.31       |
| <b>MW-111</b>        | <b>6/29/1998</b>       | <b>900</b>                           | <b>100</b> |
| MW-111               | 4/21/1999              | 760                                  | 120        |
| MW-111               | 4/27/2000              | 994                                  | 103        |
| MW-111               | 4/18/2001              | 800                                  | 100        |
| MW-111               | 4/19/2002              | 750                                  | 100        |
| MW-111               | 10/22/2003             | 800                                  | 98         |
| MW-111               | 4/7/2004               | 790                                  | 70         |
| MW-111               | 4/21/2005              | 932                                  | 101        |
| MW-111               | 4/19/2006              | 872                                  | 88.6       |
| MW-111               | 4/18/2007              | 874                                  | 86.4       |
| MW-111               | 5/27/2009              | 886                                  | 67.9       |
| MW-111               | 6/22/2010              | 750                                  | 70.2       |
| MW-111               | 6/30/2011              | 798                                  | 92.8       |
| MW-111               | 6/28/2012              | 695                                  | 58.4       |

Notes:

NA No analysis performed  
 mg/L Milligrams per liter

1,100 Indicates result at/above the applicable standard

<5 Indicates the result is below the specified laboratory detection limit

**Appendix B**

Wet Chemistry, 1991 through 2025  
 OXY USA WTP Limited Partnership, Indian Basin Gas Plant, Eddy County, New Mexico

| Station or Well<br>Name | Sample Collection Date | Wet Chemistry Analytical Data (mg/L) |             |
|-------------------------|------------------------|--------------------------------------|-------------|
|                         |                        | Constituent                          | Chloride    |
|                         |                        | New Mexico Standards                 | 250         |
|                         |                        | Total Dissolved Solids (TDS)         | 1,000       |
| MW-111                  | 6/28/2013              | 787                                  | 56.8        |
| MW-111                  | 6/25/2014              | 703                                  | 59.9        |
| MW-111                  | 4/30/2015              | 695                                  | 68.7        |
| MW-111                  | 5/27/2016              | 677                                  | 43.3        |
| MW-111                  | 7/13/2017              | 687                                  | 39.1        |
| MW-111                  | 6/13/2018              | 708                                  | 45.9        |
| MW-111                  | 6/25/2019              | 688                                  | 40          |
| MW-111                  | 6/9/2020               | 768                                  | 62.7        |
| MW-111                  | 6/22/2021              | 616                                  | 33.1        |
| MW-111                  | 6/23/2022              | 768                                  | 33.9        |
| MW-111                  | 6/22/2023              | <u>1,120</u>                         | 29.4        |
| MW-111                  | 6/14/2024              | 614                                  | 30.7        |
| MW-111                  | 7/22/2025              | 648                                  | 34.2        |
| <b>MW-127</b>           | <b>5/28/2009</b>       | <b>766</b>                           | <b>77.1</b> |
| MW-127                  | 6/23/2010              | 746                                  | 44.4        |
| MW-127                  | 7/1/2011               | 715                                  | 42.3        |
| MW-127                  | 6/28/2012              | 720                                  | 42.5        |
| MW-127                  | 6/28/2013              | 779                                  | 42.5        |
| MW-127                  | 6/25/2014              | 863                                  | 26.1        |
| MW-127                  | 4/30/2015              | 665                                  | 49.1        |
| MW-127                  | 5/25/2016              | 665                                  | 45.9        |
| MW-127                  | 7/13/2017              | 730                                  | 48.7        |
| MW-127                  | 6/14/2018              | 830                                  | 58.4        |
| MW-127                  | 6/25/2019              | 750                                  | 53          |
| MW-127                  | 6/10/2020              | 743                                  | 41.9        |
| MW-127 (DUP-1)          | 6/10/2020              | 796                                  | 41.7        |
| MW-127                  | 6/22/2021              | 656                                  | 46.9        |
| MW-127                  | 6/23/2022              | 528                                  | 32.1        |
| MW-127                  | 6/22/2023              | 324                                  | 35.2        |
| MW-127                  | 6/13/2024              | 504                                  | 41.9        |

Notes:

NA No analysis performed

mg/L Milligrams per liter

1,100 Indicates result at/above the applicable standard

<5 Indicates the result is below the specified laboratory detection limit

# APPENDIX C

## Laboratory Analytical Reports





---

10450 Stancliff Rd. Suite 210  
Houston, TX 77099  
T: +1 281 530 5656  
F: +1 281 530 5887

July 30, 2025

Hugh Robotham  
Glenn Springs Holdings, Inc.  
PO Box 2148  
Houston, TX 77252-2148

Work Order: **HS25071451**

Laboratory Results for: **12663281 Indian Basin**

Dear Hugh Robotham,

ALS Environmental received 10 sample(s) on Jul 25, 2025 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,



Generated By: JUMOKE.LAWAL

Alexis Dorenbosch

**ALS Houston, US**

Date: 30-Jul-25

**Client:** Glenn Springs Holdings, Inc.  
**Project:** 12663281 Indian Basin  
**Work Order:** HS25071451

**SAMPLE SUMMARY**

| Lab Samp ID   | Client Sample ID | Matrix | TagNo             | Collection Date   | Date Received     | Hold                     |
|---------------|------------------|--------|-------------------|-------------------|-------------------|--------------------------|
| HS25071451-01 | MW-70            | Water  |                   | 22-Jul-2025 10:20 | 25-Jul-2025 09:10 | <input type="checkbox"/> |
| HS25071451-02 | MW-106           | Water  |                   | 22-Jul-2025 12:25 | 25-Jul-2025 09:10 | <input type="checkbox"/> |
| HS25071451-03 | MW-77            | Water  |                   | 22-Jul-2025 13:45 | 25-Jul-2025 09:10 | <input type="checkbox"/> |
| HS25071451-04 | MW-111           | Water  |                   | 22-Jul-2025 18:10 | 25-Jul-2025 09:10 | <input type="checkbox"/> |
| HS25071451-05 | MW-66            | Water  |                   | 23-Jul-2025 13:35 | 25-Jul-2025 09:10 | <input type="checkbox"/> |
| HS25071451-06 | MW-45            | Water  |                   | 23-Jul-2025 15:35 | 25-Jul-2025 09:10 | <input type="checkbox"/> |
| HS25071451-07 | MW-49            | Water  |                   | 23-Jul-2025 17:50 | 25-Jul-2025 09:10 | <input type="checkbox"/> |
| HS25071451-08 | MW-88            | Water  |                   | 23-Jul-2025 19:45 | 25-Jul-2025 09:10 | <input type="checkbox"/> |
| HS25071451-09 | DUP-01           | Water  |                   | 23-Jul-2025 18:15 | 25-Jul-2025 09:10 | <input type="checkbox"/> |
| HS25071451-10 | Trip Blank       | Water  | CG-061125<br>-157 | 23-Jul-2025 00:00 | 25-Jul-2025 09:10 | <input type="checkbox"/> |

**ALS Houston, US**

Date: 30-Jul-25

**Client:** Glenn Springs Holdings, Inc.  
**Project:** 12663281 Indian Basin  
**Work Order:** HS25071451

**CASE NARRATIVE**

---

**Work Order Comments**

- Login Notes: Trip blanks not stated on chain of custody, logged for BTEX per client email. Sample MW-49 all three voa vials have headspace.

---

**GCMS Volatiles by Method SW8260**

**Batch ID: R518693**

**Sample ID: LCS-250730**

- Insufficient sample received to perform MS/MSD. An LCS/LCSD was performed as batch quality control.

**Batch ID: R518592**

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

---

**WetChemistry by Method M2540C**

**Batch ID: R518632**

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

---

**WetChemistry by Method E300**

**Batch ID: R518560**

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.
-

**ALS Houston, US**

Date: 30-Jul-25

Client: Glenn Springs Holdings, Inc.  
 Project: 12663281 Indian Basin  
 Sample ID: MW-70  
 Collection Date: 22-Jul-2025 10:20

**ANALYTICAL REPORT**  
 WorkOrder:HS25071451  
 Lab ID:HS25071451-01  
 Matrix:Water

| ANALYSES                                     | RESULT | QUAL                 | MDL   | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED     |
|--|--------|----------------------|-------|--------------|-------|-----------------|-------------------|
| <b>LOW LEVEL VOLATILES BY SW8260C</b>        |        | <b>Method:SW8260</b> |       |              |       |                 | Analyst: DP       |
| Benzene                                      |        | U                    | 0.28  | 1.0          | ug/L  | 1               | 29-Jul-2025 00:12 |
| Ethylbenzene                                 |        | U                    | 0.33  | 2.0          | ug/L  | 1               | 29-Jul-2025 00:12 |
| Toluene                                      |        | U                    | 0.33  | 2.0          | ug/L  | 1               | 29-Jul-2025 00:12 |
| Xylenes, Total                               |        | U                    | 0.92  | 6.0          | ug/L  | 1               | 29-Jul-2025 00:12 |
| Surr: 1,2-Dichloroethane-d4                  | 98.8   |                      |       | 70-126       | %REC  | 1               | 29-Jul-2025 00:12 |
| Surr: 4-Bromofluorobenzene                   | 96.9   |                      |       | 77-113       | %REC  | 1               | 29-Jul-2025 00:12 |
| Surr: Dibromofluoromethane                   | 102    |                      |       | 77-123       | %REC  | 1               | 29-Jul-2025 00:12 |
| Surr: Toluene-d8                             | 94.0   |                      |       | 82-127       | %REC  | 1               | 29-Jul-2025 00:12 |
| <b>ANIONS BY E300.0, REV 2.1, 1993</b>       |        | <b>Method:E300</b>   |       |              |       |                 | Analyst: TH       |
| Chloride                                     | 10.4   |                      | 0.200 | 0.500        | mg/L  | 1               | 28-Jul-2025 20:36 |
| <b>TOTAL DISSOLVED SOLIDS BY SM2540C</b>     |        | <b>Method:M2540C</b> |       |              |       |                 | Analyst: HB       |
| Total Dissolved Solids (Residue, Filterable) | 370    |                      | 3.00  | 10.0         | mg/L  | 1               | 29-Jul-2025 10:00 |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**ALS Houston, US**

Date: 30-Jul-25

Client: Glenn Springs Holdings, Inc.  
 Project: 12663281 Indian Basin  
 Sample ID: MW-106  
 Collection Date: 22-Jul-2025 12:25

**ANALYTICAL REPORT**

WorkOrder:HS25071451  
 Lab ID:HS25071451-02  
 Matrix:Water

| ANALYSES                                     | RESULT | QUAL                 | MDL   | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED     |
|--|--------|----------------------|-------|--------------|-------|-----------------|-------------------|
| <b>LOW LEVEL VOLATILES BY SW8260C</b>        |        | <b>Method:SW8260</b> |       |              |       |                 | Analyst: DP       |
| Benzene                                      | U      |                      | 0.28  | 1.0          | ug/L  | 1               | 29-Jul-2025 00:36 |
| Ethylbenzene                                 | U      |                      | 0.33  | 2.0          | ug/L  | 1               | 29-Jul-2025 00:36 |
| Toluene                                      | U      |                      | 0.33  | 2.0          | ug/L  | 1               | 29-Jul-2025 00:36 |
| Xylenes, Total                               | U      |                      | 0.92  | 6.0          | ug/L  | 1               | 29-Jul-2025 00:36 |
| Surr: 1,2-Dichloroethane-d4                  | 103    |                      |       | 70-126       | %REC  | 1               | 29-Jul-2025 00:36 |
| Surr: 4-Bromofluorobenzene                   | 96.2   |                      |       | 77-113       | %REC  | 1               | 29-Jul-2025 00:36 |
| Surr: Dibromofluoromethane                   | 106    |                      |       | 77-123       | %REC  | 1               | 29-Jul-2025 00:36 |
| Surr: Toluene-d8                             | 92.9   |                      |       | 82-127       | %REC  | 1               | 29-Jul-2025 00:36 |
| <b>ANIONS BY E300.0, REV 2.1, 1993</b>       |        | <b>Method:E300</b>   |       |              |       |                 | Analyst: TH       |
| Chloride                                     | 4.31   |                      | 0.200 | 0.500        | mg/L  | 1               | 28-Jul-2025 20:53 |
| <b>TOTAL DISSOLVED SOLIDS BY SM2540C</b>     |        | <b>Method:M2540C</b> |       |              |       |                 | Analyst: HB       |
| Total Dissolved Solids (Residue, Filterable) | 258    |                      | 3.00  | 10.0         | mg/L  | 1               | 29-Jul-2025 10:00 |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**ALS Houston, US**

Date: 30-Jul-25

Client: Glenn Springs Holdings, Inc.  
 Project: 12663281 Indian Basin  
 Sample ID: MW-77  
 Collection Date: 22-Jul-2025 13:45

**ANALYTICAL REPORT**

WorkOrder:HS25071451  
 Lab ID:HS25071451-03  
 Matrix:Water

| ANALYSES                                     | RESULT | QUAL                 | MDL   | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED     |
|--|--------|----------------------|-------|--------------|-------|-----------------|-------------------|
| <b>ANIONS BY E300.0, REV 2.1, 1993</b>       |        | <b>Method:E300</b>   |       |              |       |                 | Analyst: TH       |
| Chloride                                     | 52.8   |                      | 0.200 | 0.500        | mg/L  | 1               | 28-Jul-2025 20:59 |
| <b>TOTAL DISSOLVED SOLIDS BY SM2540C</b>     |        | <b>Method:M2540C</b> |       |              |       |                 | Analyst: HB       |
| Total Dissolved Solids (Residue, Filterable) | 660    |                      | 3.00  | 10.0         | mg/L  | 1               | 29-Jul-2025 10:00 |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**ALS Houston, US**

Date: 30-Jul-25

Client: Glenn Springs Holdings, Inc.  
 Project: 12663281 Indian Basin  
 Sample ID: MW-111  
 Collection Date: 22-Jul-2025 18:10

**ANALYTICAL REPORT**

WorkOrder:HS25071451  
 Lab ID:HS25071451-04  
 Matrix:Water

| ANALYSES                                     | RESULT | QUAL                 | MDL   | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED     |
|--|--------|----------------------|-------|--------------|-------|-----------------|-------------------|
| <b>LOW LEVEL VOLATILES BY SW8260C</b>        |        | <b>Method:SW8260</b> |       |              |       |                 | Analyst: DP       |
| Benzene                                      |        | U                    | 0.28  | 1.0          | ug/L  | 1               | 29-Jul-2025 01:00 |
| Ethylbenzene                                 |        | U                    | 0.33  | 2.0          | ug/L  | 1               | 29-Jul-2025 01:00 |
| Toluene                                      |        | U                    | 0.33  | 2.0          | ug/L  | 1               | 29-Jul-2025 01:00 |
| Xylenes, Total                               |        | U                    | 0.92  | 6.0          | ug/L  | 1               | 29-Jul-2025 01:00 |
| Surr: 1,2-Dichloroethane-d4                  | 98.5   |                      |       | 70-126       | %REC  | 1               | 29-Jul-2025 01:00 |
| Surr: 4-Bromofluorobenzene                   | 94.4   |                      |       | 77-113       | %REC  | 1               | 29-Jul-2025 01:00 |
| Surr: Dibromofluoromethane                   | 106    |                      |       | 77-123       | %REC  | 1               | 29-Jul-2025 01:00 |
| Surr: Toluene-d8                             | 93.2   |                      |       | 82-127       | %REC  | 1               | 29-Jul-2025 01:00 |
| <b>ANIONS BY E300.0, REV 2.1, 1993</b>       |        | <b>Method:E300</b>   |       |              |       |                 | Analyst: TH       |
| Chloride                                     | 34.2   |                      | 0.200 | 0.500        | mg/L  | 1               | 28-Jul-2025 21:05 |
| <b>TOTAL DISSOLVED SOLIDS BY SM2540C</b>     |        | <b>Method:M2540C</b> |       |              |       |                 | Analyst: HB       |
| Total Dissolved Solids (Residue, Filterable) | 648    |                      | 3.00  | 10.0         | mg/L  | 1               | 29-Jul-2025 10:00 |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**ALS Houston, US**

Date: 30-Jul-25

Client: Glenn Springs Holdings, Inc.  
 Project: 12663281 Indian Basin  
 Sample ID: MW-66  
 Collection Date: 23-Jul-2025 13:35

**ANALYTICAL REPORT**

WorkOrder:HS25071451  
 Lab ID:HS25071451-05  
 Matrix:Water

| ANALYSES                                     | RESULT | QUAL                 | MDL   | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED     |
|--|--------|----------------------|-------|--------------|-------|-----------------|-------------------|
| <b>LOW LEVEL VOLATILES BY SW8260C</b>        |        | <b>Method:SW8260</b> |       |              |       |                 | Analyst: DP       |
| Benzene                                      | U      |                      | 0.28  | 1.0          | ug/L  | 1               | 29-Jul-2025 01:24 |
| Ethylbenzene                                 | U      |                      | 0.33  | 2.0          | ug/L  | 1               | 29-Jul-2025 01:24 |
| Toluene                                      | U      |                      | 0.33  | 2.0          | ug/L  | 1               | 29-Jul-2025 01:24 |
| Xylenes, Total                               | U      |                      | 0.92  | 6.0          | ug/L  | 1               | 29-Jul-2025 01:24 |
| Surr: 1,2-Dichloroethane-d4                  | 99.3   |                      |       | 70-126       | %REC  | 1               | 29-Jul-2025 01:24 |
| Surr: 4-Bromofluorobenzene                   | 98.4   |                      |       | 77-113       | %REC  | 1               | 29-Jul-2025 01:24 |
| Surr: Dibromofluoromethane                   | 103    |                      |       | 77-123       | %REC  | 1               | 29-Jul-2025 01:24 |
| Surr: Toluene-d8                             | 93.3   |                      |       | 82-127       | %REC  | 1               | 29-Jul-2025 01:24 |
| <b>ANIONS BY E300.0, REV 2.1, 1993</b>       |        | <b>Method:E300</b>   |       |              |       |                 | Analyst: TH       |
| Chloride                                     | 8.64   |                      | 0.200 | 0.500        | mg/L  | 1               | 28-Jul-2025 21:11 |
| <b>TOTAL DISSOLVED SOLIDS BY SM2540C</b>     |        | <b>Method:M2540C</b> |       |              |       |                 | Analyst: HB       |
| Total Dissolved Solids (Residue, Filterable) | 752    |                      | 3.00  | 10.0         | mg/L  | 1               | 29-Jul-2025 10:00 |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**ALS Houston, US**

Date: 30-Jul-25

Client: Glenn Springs Holdings, Inc.  
 Project: 12663281 Indian Basin  
 Sample ID: MW-45  
 Collection Date: 23-Jul-2025 15:35

**ANALYTICAL REPORT**

WorkOrder:HS25071451  
 Lab ID:HS25071451-06  
 Matrix:Water

| ANALYSES                                     | RESULT | QUAL                 | MDL  | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED     |
|--|--------|----------------------|------|--------------|-------|-----------------|-------------------|
| <b>LOW LEVEL VOLATILES BY SW8260C</b>        |        | <b>Method:SW8260</b> |      |              |       |                 | Analyst: DP       |
| Benzene                                      | U      |                      | 0.28 | 1.0          | ug/L  | 1               | 29-Jul-2025 01:48 |
| Ethylbenzene                                 | U      |                      | 0.33 | 2.0          | ug/L  | 1               | 29-Jul-2025 01:48 |
| Toluene                                      | U      |                      | 0.33 | 2.0          | ug/L  | 1               | 29-Jul-2025 01:48 |
| Xylenes, Total                               | U      |                      | 0.92 | 6.0          | ug/L  | 1               | 29-Jul-2025 01:48 |
| Surr: 1,2-Dichloroethane-d4                  | 103    |                      |      | 70-126       | %REC  | 1               | 29-Jul-2025 01:48 |
| Surr: 4-Bromofluorobenzene                   | 97.0   |                      |      | 77-113       | %REC  | 1               | 29-Jul-2025 01:48 |
| Surr: Dibromofluoromethane                   | 105    |                      |      | 77-123       | %REC  | 1               | 29-Jul-2025 01:48 |
| Surr: Toluene-d8                             | 91.1   |                      |      | 82-127       | %REC  | 1               | 29-Jul-2025 01:48 |
| <b>ANIONS BY E300.0, REV 2.1, 1993</b>       |        | <b>Method:E300</b>   |      |              |       |                 | Analyst: TH       |
| Chloride                                     | 498    | *                    | 2.00 | 5.00         | mg/L  | 10              | 28-Jul-2025 21:40 |
| <b>TOTAL DISSOLVED SOLIDS BY SM2540C</b>     |        | <b>Method:M2540C</b> |      |              |       |                 | Analyst: HB       |
| Total Dissolved Solids (Residue, Filterable) | 10,100 |                      | 3.00 | 10.0         | mg/L  | 1               | 29-Jul-2025 10:00 |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**ALS Houston, US**

Date: 30-Jul-25

Client: Glenn Springs Holdings, Inc.  
 Project: 12663281 Indian Basin  
 Sample ID: MW-49  
 Collection Date: 23-Jul-2025 17:50

**ANALYTICAL REPORT**

WorkOrder:HS25071451  
 Lab ID:HS25071451-07  
 Matrix:Water

| ANALYSES                                     | RESULT | QUAL                 | MDL  | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED     |
|--|--------|----------------------|------|--------------|-------|-----------------|-------------------|
| <b>LOW LEVEL VOLATILES BY SW8260C</b>        |        | <b>Method:SW8260</b> |      |              |       |                 | Analyst: DP       |
| Benzene                                      | U      |                      | 0.28 | 1.0          | ug/L  | 1               | 29-Jul-2025 02:12 |
| Ethylbenzene                                 | U      |                      | 0.33 | 2.0          | ug/L  | 1               | 29-Jul-2025 02:12 |
| Toluene                                      | U      |                      | 0.33 | 2.0          | ug/L  | 1               | 29-Jul-2025 02:12 |
| Xylenes, Total                               | U      |                      | 0.92 | 6.0          | ug/L  | 1               | 29-Jul-2025 02:12 |
| Surr: 1,2-Dichloroethane-d4                  | 101    |                      |      | 70-126       | %REC  | 1               | 29-Jul-2025 02:12 |
| Surr: 4-Bromofluorobenzene                   | 97.0   |                      |      | 77-113       | %REC  | 1               | 29-Jul-2025 02:12 |
| Surr: Dibromofluoromethane                   | 102    |                      |      | 77-123       | %REC  | 1               | 29-Jul-2025 02:12 |
| Surr: Toluene-d8                             | 93.4   |                      |      | 82-127       | %REC  | 1               | 29-Jul-2025 02:12 |
| <b>ANIONS BY E300.0, REV 2.1, 1993</b>       |        | <b>Method:E300</b>   |      |              |       |                 | Analyst: TH       |
| Chloride                                     | 292    | *                    | 2.00 | 5.00         | mg/L  | 10              | 28-Jul-2025 21:46 |
| <b>TOTAL DISSOLVED SOLIDS BY SM2540C</b>     |        | <b>Method:M2540C</b> |      |              |       |                 | Analyst: HB       |
| Total Dissolved Solids (Residue, Filterable) | 4,100  |                      | 3.00 | 10.0         | mg/L  | 1               | 29-Jul-2025 10:00 |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**ALS Houston, US**

Date: 30-Jul-25

Client: Glenn Springs Holdings, Inc.  
 Project: 12663281 Indian Basin  
 Sample ID: MW-88  
 Collection Date: 23-Jul-2025 19:45

**ANALYTICAL REPORT**

WorkOrder:HS25071451  
 Lab ID:HS25071451-08  
 Matrix:Water

| ANALYSES                                     | RESULT | QUAL                 | MDL   | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED     |
|--|--------|----------------------|-------|--------------|-------|-----------------|-------------------|
| <b>LOW LEVEL VOLATILES BY SW8260C</b>        |        | <b>Method:SW8260</b> |       |              |       |                 | Analyst: DP       |
| Benzene                                      |        | U                    | 0.28  | 1.0          | ug/L  | 1               | 29-Jul-2025 02:36 |
| Ethylbenzene                                 |        | U                    | 0.33  | 2.0          | ug/L  | 1               | 29-Jul-2025 02:36 |
| Toluene                                      |        | U                    | 0.33  | 2.0          | ug/L  | 1               | 29-Jul-2025 02:36 |
| Xylenes, Total                               |        | U                    | 0.92  | 6.0          | ug/L  | 1               | 29-Jul-2025 02:36 |
| Surr: 1,2-Dichloroethane-d4                  | 98.8   |                      |       | 70-126       | %REC  | 1               | 29-Jul-2025 02:36 |
| Surr: 4-Bromofluorobenzene                   | 97.3   |                      |       | 77-113       | %REC  | 1               | 29-Jul-2025 02:36 |
| Surr: Dibromofluoromethane                   | 104    |                      |       | 77-123       | %REC  | 1               | 29-Jul-2025 02:36 |
| Surr: Toluene-d8                             | 93.0   |                      |       | 82-127       | %REC  | 1               | 29-Jul-2025 02:36 |
| <b>ANIONS BY E300.0, REV 2.1, 1993</b>       |        | <b>Method:E300</b>   |       |              |       |                 | Analyst: TH       |
| Chloride                                     | 27.4   |                      | 0.200 | 0.500        | mg/L  | 1               | 28-Jul-2025 21:52 |
| <b>TOTAL DISSOLVED SOLIDS BY SM2540C</b>     |        | <b>Method:M2540C</b> |       |              |       |                 | Analyst: HB       |
| Total Dissolved Solids (Residue, Filterable) | 916    |                      | 3.00  | 10.0         | mg/L  | 1               | 29-Jul-2025 10:00 |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**ALS Houston, US**

Date: 30-Jul-25

Client: Glenn Springs Holdings, Inc.  
 Project: 12663281 Indian Basin  
 Sample ID: DUP-01  
 Collection Date: 23-Jul-2025 18:15

**ANALYTICAL REPORT**

WorkOrder:HS25071451  
 Lab ID:HS25071451-09  
 Matrix:Water

| ANALYSES                                     | RESULT | QUAL                 | MDL   | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED     |
|--|--------|----------------------|-------|--------------|-------|-----------------|-------------------|
| <b>LOW LEVEL VOLATILES BY SW8260C</b>        |        | <b>Method:SW8260</b> |       |              |       |                 | Analyst: DP       |
| Benzene                                      | U      |                      | 0.28  | 1.0          | ug/L  | 1               | 29-Jul-2025 03:01 |
| Ethylbenzene                                 | U      |                      | 0.33  | 2.0          | ug/L  | 1               | 29-Jul-2025 03:01 |
| Toluene                                      | U      |                      | 0.33  | 2.0          | ug/L  | 1               | 29-Jul-2025 03:01 |
| Xylenes, Total                               | U      |                      | 0.92  | 6.0          | ug/L  | 1               | 29-Jul-2025 03:01 |
| Surr: 1,2-Dichloroethane-d4                  | 103    |                      |       | 70-126       | %REC  | 1               | 29-Jul-2025 03:01 |
| Surr: 4-Bromofluorobenzene                   | 97.4   |                      |       | 77-113       | %REC  | 1               | 29-Jul-2025 03:01 |
| Surr: Dibromofluoromethane                   | 103    |                      |       | 77-123       | %REC  | 1               | 29-Jul-2025 03:01 |
| Surr: Toluene-d8                             | 92.3   |                      |       | 82-127       | %REC  | 1               | 29-Jul-2025 03:01 |
| <b>ANIONS BY E300.0, REV 2.1, 1993</b>       |        | <b>Method:E300</b>   |       |              |       |                 | Analyst: TH       |
| Chloride                                     | 36.9   |                      | 0.200 | 0.500        | mg/L  | 1               | 28-Jul-2025 21:58 |
| <b>TOTAL DISSOLVED SOLIDS BY SM2540C</b>     |        | <b>Method:M2540C</b> |       |              |       |                 | Analyst: HB       |
| Total Dissolved Solids (Residue, Filterable) | 716    |                      | 3.00  | 10.0         | mg/L  | 1               | 29-Jul-2025 10:00 |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**ALS Houston, US**

Date: 30-Jul-25

Client: Glenn Springs Holdings, Inc.  
 Project: 12663281 Indian Basin  
 Sample ID: Trip Blank  
 Collection Date: 23-Jul-2025 00:00

**ANALYTICAL REPORT**

WorkOrder:HS25071451  
 Lab ID:HS25071451-10  
 Matrix:Water

| ANALYSES                              | RESULT | QUAL                 | MDL  | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED     |
|---------------------------------------|--------|----------------------|------|--------------|-------|-----------------|-------------------|
| <b>LOW LEVEL VOLATILES BY SW8260C</b> |        | <b>Method:SW8260</b> |      |              |       |                 | Analyst: LA       |
| Benzene                               | U      |                      | 0.28 | 1.0          | ug/L  | 1               | 30-Jul-2025 11:24 |
| Ethylbenzene                          | U      |                      | 0.33 | 2.0          | ug/L  | 1               | 30-Jul-2025 11:24 |
| Toluene                               | U      |                      | 0.33 | 2.0          | ug/L  | 1               | 30-Jul-2025 11:24 |
| Xylenes, Total                        | U      |                      | 0.92 | 6.0          | ug/L  | 1               | 30-Jul-2025 11:24 |
| Surr: 1,2-Dichloroethane-d4           | 97.4   |                      |      | 70-126       | %REC  | 1               | 30-Jul-2025 11:24 |
| Surr: 4-Bromofluorobenzene            | 99.9   |                      |      | 77-113       | %REC  | 1               | 30-Jul-2025 11:24 |
| Surr: Dibromofluoromethane            | 99.6   |                      |      | 77-123       | %REC  | 1               | 30-Jul-2025 11:24 |
| Surr: Toluene-d8                      | 100    |                      |      | 82-127       | %REC  | 1               | 30-Jul-2025 11:24 |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 30-Jul-25

**Client:** Glenn Springs Holdings, Inc.  
**Project:** 12663281 Indian Basin  
**WorkOrder:** HS25071451

**DATES REPORT**

| Sample ID                      | Client Samp ID | Collection Date                                      | Leachate Date | Prep Date | Analysis Date        | DF |
|--------------------------------|----------------|--|---------------|-----------|----------------------|----|
| <b>Batch ID: R518560 ( 0 )</b> |                | <b>Test Name : ANIONS BY E300.0, REV 2.1, 1993</b>   |               |           | <b>Matrix: Water</b> |    |
| HS25071451-01                  | MW-70          | 22 Jul 2025 10:20                                    |               |           | 28 Jul 2025 20:36    | 1  |
| HS25071451-02                  | MW-106         | 22 Jul 2025 12:25                                    |               |           | 28 Jul 2025 20:53    | 1  |
| HS25071451-03                  | MW-77          | 22 Jul 2025 13:45                                    |               |           | 28 Jul 2025 20:59    | 1  |
| HS25071451-04                  | MW-111         | 22 Jul 2025 18:10                                    |               |           | 28 Jul 2025 21:05    | 1  |
| HS25071451-05                  | MW-66          | 23 Jul 2025 13:35                                    |               |           | 28 Jul 2025 21:11    | 1  |
| HS25071451-06                  | MW-45          | 23 Jul 2025 15:35                                    |               |           | 28 Jul 2025 21:40    | 10 |
| HS25071451-07                  | MW-49          | 23 Jul 2025 17:50                                    |               |           | 28 Jul 2025 21:46    | 10 |
| HS25071451-08                  | MW-88          | 23 Jul 2025 19:45                                    |               |           | 28 Jul 2025 21:52    | 1  |
| HS25071451-09                  | DUP-01         | 23 Jul 2025 18:15                                    |               |           | 28 Jul 2025 21:58    | 1  |
| <b>Batch ID: R518592 ( 0 )</b> |                | <b>Test Name : LOW LEVEL VOLATILES BY SW8260C</b>    |               |           | <b>Matrix: Water</b> |    |
| HS25071451-01                  | MW-70          | 22 Jul 2025 10:20                                    |               |           | 29 Jul 2025 00:12    | 1  |
| HS25071451-02                  | MW-106         | 22 Jul 2025 12:25                                    |               |           | 29 Jul 2025 00:36    | 1  |
| HS25071451-04                  | MW-111         | 22 Jul 2025 18:10                                    |               |           | 29 Jul 2025 01:00    | 1  |
| HS25071451-05                  | MW-66          | 23 Jul 2025 13:35                                    |               |           | 29 Jul 2025 01:24    | 1  |
| HS25071451-06                  | MW-45          | 23 Jul 2025 15:35                                    |               |           | 29 Jul 2025 01:48    | 1  |
| HS25071451-07                  | MW-49          | 23 Jul 2025 17:50                                    |               |           | 29 Jul 2025 02:12    | 1  |
| HS25071451-08                  | MW-88          | 23 Jul 2025 19:45                                    |               |           | 29 Jul 2025 02:36    | 1  |
| HS25071451-09                  | DUP-01         | 23 Jul 2025 18:15                                    |               |           | 29 Jul 2025 03:01    | 1  |
| <b>Batch ID: R518632 ( 0 )</b> |                | <b>Test Name : TOTAL DISSOLVED SOLIDS BY SM2540C</b> |               |           | <b>Matrix: Water</b> |    |
| HS25071451-01                  | MW-70          | 22 Jul 2025 10:20                                    |               |           | 29 Jul 2025 10:00    | 1  |
| HS25071451-02                  | MW-106         | 22 Jul 2025 12:25                                    |               |           | 29 Jul 2025 10:00    | 1  |
| HS25071451-03                  | MW-77          | 22 Jul 2025 13:45                                    |               |           | 29 Jul 2025 10:00    | 1  |
| HS25071451-04                  | MW-111         | 22 Jul 2025 18:10                                    |               |           | 29 Jul 2025 10:00    | 1  |
| HS25071451-05                  | MW-66          | 23 Jul 2025 13:35                                    |               |           | 29 Jul 2025 10:00    | 1  |
| HS25071451-06                  | MW-45          | 23 Jul 2025 15:35                                    |               |           | 29 Jul 2025 10:00    | 1  |
| HS25071451-07                  | MW-49          | 23 Jul 2025 17:50                                    |               |           | 29 Jul 2025 10:00    | 1  |
| HS25071451-08                  | MW-88          | 23 Jul 2025 19:45                                    |               |           | 29 Jul 2025 10:00    | 1  |
| HS25071451-09                  | DUP-01         | 23 Jul 2025 18:15                                    |               |           | 29 Jul 2025 10:00    | 1  |
| <b>Batch ID: R518693 ( 0 )</b> |                | <b>Test Name : LOW LEVEL VOLATILES BY SW8260C</b>    |               |           | <b>Matrix: Water</b> |    |
| HS25071451-10                  | Trip Blank     | 23 Jul 2025 00:00                                    |               |           | 30 Jul 2025 11:24    | 1  |

**ALS Houston, US**

Date: 30-Jul-25

**Client:** Glenn Springs Holdings, Inc.  
**Project:** 12663281 Indian Basin  
**WorkOrder:** HS25071451

**QC BATCH REPORT**

|                                |                          |   |
|--------------------------------|--------------------------|---|
| <b>Batch ID:</b> R518592 ( 0 ) | <b>Instrument:</b> VOA14 | <b>Method:</b> LOW LEVEL VOLATILES BY SW8260C |
|--------------------------------|--------------------------|---|

| <b>MBLK</b>                        |              | Sample ID: <b>MBLK</b>      |           | Units: <b>ug/L</b>    |             | Analysis Date: <b>28-Jul-2025 21:47</b> |               |              |                |
|------------------------------------|--------------|-----------------------------|-----------|-----------------------|-------------|---|---------------|--------------|----------------|
| Client ID:                         |              | Run ID: <b>VOA14_518592</b> |           | SeqNo: <b>8962281</b> |             | PrepDate:                               |               | DF: <b>1</b> |                |
| Analyte                            | Result       | PQL                         | SPK Val   | SPK Ref Value         | %REC        | Control Limit                           | RPD Ref Value | %RPD         | RPD Limit Qual |
| Benzene                            | U            | 1.0                         |           |                       |             |   |               |              |                |
| Ethylbenzene                       | U            | 2.0                         |           |                       |             |   |               |              |                |
| Toluene                            | U            | 2.0                         |           |                       |             |   |               |              |                |
| Xylenes, Total                     | U            | 6.0                         |           |                       |             |   |               |              |                |
| <i>Surr: 1,2-Dichloroethane-d4</i> | <i>51.82</i> | <i>1.0</i>                  | <i>50</i> | <i>0</i>              | <i>104</i>  | <i>70 - 123</i>                         |               |              |                |
| <i>Surr: 4-Bromofluorobenzene</i>  | <i>48.22</i> | <i>1.0</i>                  | <i>50</i> | <i>0</i>              | <i>96.4</i> | <i>77 - 113</i>                         |               |              |                |
| <i>Surr: Dibromofluoromethane</i>  | <i>52.3</i>  | <i>1.0</i>                  | <i>50</i> | <i>0</i>              | <i>105</i>  | <i>73 - 126</i>                         |               |              |                |
| <i>Surr: Toluene-d8</i>            | <i>47.44</i> | <i>1.0</i>                  | <i>50</i> | <i>0</i>              | <i>94.9</i> | <i>81 - 120</i>                         |               |              |                |

| <b>LCS</b>                         |              | Sample ID: <b>LCS</b>       |           | Units: <b>ug/L</b>    |             | Analysis Date: <b>28-Jul-2025 20:35</b> |               |              |                |
|------------------------------------|--------------|-----------------------------|-----------|-----------------------|-------------|---|---------------|--------------|----------------|
| Client ID:                         |              | Run ID: <b>VOA14_518592</b> |           | SeqNo: <b>8962280</b> |             | PrepDate:                               |               | DF: <b>1</b> |                |
| Analyte                            | Result       | PQL                         | SPK Val   | SPK Ref Value         | %REC        | Control Limit                           | RPD Ref Value | %RPD         | RPD Limit Qual |
| Benzene                            | 19.67        | 1.0                         | 20        | 0                     | 98.4        | 74 - 120                                |               |              |                |
| Ethylbenzene                       | 18.26        | 2.0                         | 20        | 0                     | 91.3        | 77 - 117                                |               |              |                |
| Toluene                            | 18.52        | 2.0                         | 20        | 0                     | 92.6        | 77 - 118                                |               |              |                |
| Xylenes, Total                     | 55.33        | 6.0                         | 60        | 0                     | 92.2        | 75 - 122                                |               |              |                |
| <i>Surr: 1,2-Dichloroethane-d4</i> | <i>53.18</i> | <i>1.0</i>                  | <i>50</i> | <i>0</i>              | <i>106</i>  | <i>70 - 123</i>                         |               |              |                |
| <i>Surr: 4-Bromofluorobenzene</i>  | <i>49.41</i> | <i>1.0</i>                  | <i>50</i> | <i>0</i>              | <i>98.8</i> | <i>77 - 113</i>                         |               |              |                |
| <i>Surr: Dibromofluoromethane</i>  | <i>54.34</i> | <i>1.0</i>                  | <i>50</i> | <i>0</i>              | <i>109</i>  | <i>73 - 126</i>                         |               |              |                |
| <i>Surr: Toluene-d8</i>            | <i>47.63</i> | <i>1.0</i>                  | <i>50</i> | <i>0</i>              | <i>95.3</i> | <i>81 - 120</i>                         |               |              |                |

| <b>MS</b>                          |              | Sample ID: <b>HS25071473-07MS</b> |           | Units: <b>ug/L</b>    |             | Analysis Date: <b>29-Jul-2025 05:49</b> |               |              |                |
|------------------------------------|--------------|-----------------------------------|-----------|-----------------------|-------------|---|---------------|--------------|----------------|
| Client ID:                         |              | Run ID: <b>VOA14_518592</b>       |           | SeqNo: <b>8962296</b> |             | PrepDate:                               |               | DF: <b>1</b> |                |
| Analyte                            | Result       | PQL                               | SPK Val   | SPK Ref Value         | %REC        | Control Limit                           | RPD Ref Value | %RPD         | RPD Limit Qual |
| Benzene                            | 22.87        | 1.0                               | 20        | 2.092                 | 104         | 70 - 127                                |               |              |                |
| Ethylbenzene                       | 19.66        | 2.0                               | 20        | 0.34                  | 96.6        | 70 - 124                                |               |              |                |
| Toluene                            | 20.54        | 2.0                               | 20        | 0                     | 103         | 70 - 123                                |               |              |                |
| Xylenes, Total                     | 63.23        | 6.0                               | 60        | 4.424                 | 98.0        | 70 - 130                                |               |              |                |
| <i>Surr: 1,2-Dichloroethane-d4</i> | <i>49.15</i> | <i>1.0</i>                        | <i>50</i> | <i>0</i>              | <i>98.3</i> | <i>70 - 126</i>                         |               |              |                |
| <i>Surr: 4-Bromofluorobenzene</i>  | <i>49.37</i> | <i>1.0</i>                        | <i>50</i> | <i>0</i>              | <i>98.7</i> | <i>77 - 113</i>                         |               |              |                |
| <i>Surr: Dibromofluoromethane</i>  | <i>51.43</i> | <i>1.0</i>                        | <i>50</i> | <i>0</i>              | <i>103</i>  | <i>77 - 123</i>                         |               |              |                |
| <i>Surr: Toluene-d8</i>            | <i>47.13</i> | <i>1.0</i>                        | <i>50</i> | <i>0</i>              | <i>94.3</i> | <i>82 - 127</i>                         |               |              |                |

**ALS Houston, US**

Date: 30-Jul-25

**Client:** Glenn Springs Holdings, Inc.  
**Project:** 12663281 Indian Basin  
**WorkOrder:** HS25071451

**QC BATCH REPORT**

| Batch ID: R518592 ( 0 )     |                             | Instrument: VOA14 |         | Method: LOW LEVEL VOLATILES BY SW8260C |                                  |               |               |       |                |  |
|-----------------------------|-----------------------------|-------------------|---------|--|----------------------------------|---------------|---------------|-------|----------------|--|
| MSD                         | Sample ID: HS25071473-07MSD | Units: ug/L       |         |  | Analysis Date: 29-Jul-2025 06:13 |               |               |       |                |  |
| Client ID:                  | Run ID: VOA14_518592        | SeqNo: 8962297    |         | PrepDate:                              |                                  |               | DF: 1         |       |                |  |
| Analyte                     | Result                      | PQL               | SPK Val | SPK Ref Value                          | %REC                             | Control Limit | RPD Ref Value | %RPD  | RPD Limit Qual |  |
| Benzene                     | 22.95                       | 1.0               | 20      | 2.092                                  | 104                              | 70 - 127      | 22.87         | 0.332 | 20             |  |
| Ethylbenzene                | 19.36                       | 2.0               | 20      | 0.34                                   | 95.1                             | 70 - 124      | 19.66         | 1.58  | 20             |  |
| Toluene                     | 20.51                       | 2.0               | 20      | 0                                      | 103                              | 70 - 123      | 20.54         | 0.117 | 20             |  |
| Xylenes, Total              | 62.79                       | 6.0               | 60      | 4.424                                  | 97.3                             | 70 - 130      | 63.23         | 0.7   | 20             |  |
| Surr: 1,2-Dichloroethane-d4 | 48.45                       | 1.0               | 50      | 0                                      | 96.9                             | 70 - 126      | 49.15         | 1.44  | 20             |  |
| Surr: 4-Bromofluorobenzene  | 48.5                        | 1.0               | 50      | 0                                      | 97.0                             | 77 - 113      | 49.37         | 1.79  | 20             |  |
| Surr: Dibromofluoromethane  | 50.74                       | 1.0               | 50      | 0                                      | 101                              | 77 - 123      | 51.43         | 1.34  | 20             |  |
| Surr: Toluene-d8            | 47.32                       | 1.0               | 50      | 0                                      | 94.6                             | 82 - 127      | 47.13         | 0.385 | 20             |  |

The following samples were analyzed in this batch:

|               |               |               |               |
|---------------|---------------|---------------|---------------|
| HS25071451-01 | HS25071451-02 | HS25071451-04 | HS25071451-05 |
| HS25071451-06 | HS25071451-07 | HS25071451-08 | HS25071451-09 |

ALS Houston, US

Date: 30-Jul-25

**Client:** Glenn Springs Holdings, Inc.  
**Project:** 12663281 Indian Basin  
**WorkOrder:** HS25071451

**QC BATCH REPORT**

**Batch ID:** R518693 ( 0 )      **Instrument:** VOA13      **Method:** LOW LEVEL VOLATILES BY SW8260C

| MBLK                        |        | Sample ID: MBLK-250730 |         | Units: ug/L    |      | Analysis Date: 30-Jul-2025 10:38 |               |       |           |      |
|-----------------------------|--------|------------------------|---------|----------------|------|----------------------------------|---------------|-------|-----------|------|
| Client ID:                  |        | Run ID: VOA13_518693   |         | SeqNo: 8964612 |      | PrepDate:                        |               | DF: 1 |           |      |
| Analyte                     | Result | PQL                    | SPK Val | SPK Ref Value  | %REC | Control Limit                    | RPD Ref Value | %RPD  | RPD Limit | Qual |
| Benzene                     | U      | 1.0                    |         |                |      |                                  |               |       |           |      |
| Ethylbenzene                | U      | 2.0                    |         |                |      |                                  |               |       |           |      |
| Toluene                     | U      | 2.0                    |         |                |      |                                  |               |       |           |      |
| Xylenes, Total              | U      | 6.0                    |         |                |      |                                  |               |       |           |      |
| Surr: 1,2-Dichloroethane-d4 | 45.54  | 1.0                    | 50      | 0              | 91.1 | 70 - 123                         |               |       |           |      |
| Surr: 4-Bromofluorobenzene  | 49.09  | 1.0                    | 50      | 0              | 98.2 | 77 - 113                         |               |       |           |      |
| Surr: Dibromofluoromethane  | 48.84  | 1.0                    | 50      | 0              | 97.7 | 73 - 126                         |               |       |           |      |
| Surr: Toluene-d8            | 50.28  | 1.0                    | 50      | 0              | 101  | 81 - 120                         |               |       |           |      |

| LCS                         |        | Sample ID: LCS-250730 |         | Units: ug/L    |      | Analysis Date: 30-Jul-2025 09:28 |               |       |           |      |
|-----------------------------|--------|-----------------------|---------|----------------|------|----------------------------------|---------------|-------|-----------|------|
| Client ID:                  |        | Run ID: VOA13_518693  |         | SeqNo: 8964618 |      | PrepDate:                        |               | DF: 1 |           |      |
| Analyte                     | Result | PQL                   | SPK Val | SPK Ref Value  | %REC | Control Limit                    | RPD Ref Value | %RPD  | RPD Limit | Qual |
| Benzene                     | 19.48  | 1.0                   | 20      | 0              | 97.4 | 74 - 120                         |               |       |           |      |
| Ethylbenzene                | 21.5   | 2.0                   | 20      | 0              | 108  | 77 - 117                         |               |       |           |      |
| Toluene                     | 20.77  | 2.0                   | 20      | 0              | 104  | 77 - 118                         |               |       |           |      |
| Xylenes, Total              | 64.82  | 6.0                   | 60      | 0              | 108  | 75 - 122                         |               |       |           |      |
| Surr: 1,2-Dichloroethane-d4 | 47.05  | 1.0                   | 50      | 0              | 94.1 | 70 - 123                         |               |       |           |      |
| Surr: 4-Bromofluorobenzene  | 47.66  | 1.0                   | 50      | 0              | 95.3 | 77 - 113                         |               |       |           |      |
| Surr: Dibromofluoromethane  | 48     | 1.0                   | 50      | 0              | 96.0 | 73 - 126                         |               |       |           |      |
| Surr: Toluene-d8            | 51.94  | 1.0                   | 50      | 0              | 104  | 81 - 120                         |               |       |           |      |

| LCSD                        |        | Sample ID: LCSD-250730 |         | Units: ug/L    |       | Analysis Date: 30-Jul-2025 09:51 |               |        |           |      |
|-----------------------------|--------|------------------------|---------|----------------|-------|----------------------------------|---------------|--------|-----------|------|
| Client ID:                  |        | Run ID: VOA13_518693   |         | SeqNo: 8964619 |       | PrepDate:                        |               | DF: 1  |           |      |
| Analyte                     | Result | PQL                    | SPK Val | SPK Ref Value  | %REC  | Control Limit                    | RPD Ref Value | %RPD   | RPD Limit | Qual |
| Benzene                     | 19.6   | 1.0                    | 20      | 0              | 98.0  | 74 - 120                         | 19.48         | 0.655  | 20        |      |
| Ethylbenzene                | 21.48  | 2.0                    | 20      | 0              | 107   | 77 - 117                         | 21.5          | 0.126  | 20        |      |
| Toluene                     | 20.77  | 2.0                    | 20      | 0              | 104   | 77 - 118                         | 20.77         | 0.0337 | 20        |      |
| Xylenes, Total              | 64.08  | 6.0                    | 60      | 0              | 107   | 75 - 122                         | 64.82         | 1.16   | 20        |      |
| Surr: 1,2-Dichloroethane-d4 | 45.9   | 1.0                    | 50      | 0              | 91.8  | 70 - 123                         | 47.05         | 2.47   | 20        |      |
| Surr: 4-Bromofluorobenzene  | 48.23  | 1.0                    | 50      | 0              | 96.5  | 77 - 113                         | 47.66         | 1.2    | 20        |      |
| Surr: Dibromofluoromethane  | 47.48  | 1.0                    | 50      | 0              | 95.0  | 73 - 126                         | 48            | 1.1    | 20        |      |
| Surr: Toluene-d8            | 50     | 1.0                    | 50      | 0              | 100.0 | 81 - 120                         | 51.94         | 3.81   | 20        |      |

**ALS Houston, US**

Date: 30-Jul-25

**Client:** Glenn Springs Holdings, Inc.  
**Project:** 12663281 Indian Basin  
**WorkOrder:** HS25071451

**QC BATCH REPORT**

**Batch ID:** R518693 ( 0 )      **Instrument:** VOA13      **Method:** LOW LEVEL VOLATILES BY SW8260C

The following samples were analyzed in this batch:

**ALS Houston, US**

Date: 30-Jul-25

**Client:** Glenn Springs Holdings, Inc.  
**Project:** 12663281 Indian Basin  
**WorkOrder:** HS25071451

**QC BATCH REPORT**

|                                |                                  |  |
|--------------------------------|----------------------------------|--|
| <b>Batch ID:</b> R518560 ( 0 ) | <b>Instrument:</b> ICS-Integrion | <b>Method:</b> ANIONS BY E300.0, REV 2.1, 1993 |
|--------------------------------|----------------------------------|--|

|             |                                     |                       |   |               |      |               |               |          |           |          |
|-------------|-------------------------------------|-----------------------|---|---------------|------|---------------|---------------|----------|-----------|----------|
| <b>MBLK</b> | Sample ID: <b>MBLK</b>              | Units: <b>mg/L</b>    | Analysis Date: <b>28-Jul-2025 19:02</b> |               |      |               |               |          |           |          |
| Client ID:  | Run ID: <b>ICS-Integrion_518560</b> | SeqNo: <b>8961537</b> | PrepDate: DF: <b>1</b>                  |               |      |               |               |          |           |          |
| Analyte     | Result                              | PQL                   | SPK Val                                 | SPK Ref Value | %REC | Control Limit | RPD Ref Value | RPD %RPD | RPD Limit | RPD Qual |

Chloride U 0.500

|            |                                     |                       |   |               |      |               |               |          |           |          |
|------------|-------------------------------------|-----------------------|---|---------------|------|---------------|---------------|----------|-----------|----------|
| <b>LCS</b> | Sample ID: <b>LCS</b>               | Units: <b>mg/L</b>    | Analysis Date: <b>28-Jul-2025 19:14</b> |               |      |               |               |          |           |          |
| Client ID: | Run ID: <b>ICS-Integrion_518560</b> | SeqNo: <b>8961538</b> | PrepDate: DF: <b>1</b>                  |               |      |               |               |          |           |          |
| Analyte    | Result                              | PQL                   | SPK Val                                 | SPK Ref Value | %REC | Control Limit | RPD Ref Value | RPD %RPD | RPD Limit | RPD Qual |

Chloride 20.07 0.500 20 0 100 90 - 110

|                         |                                     |                       |   |               |      |               |               |          |           |          |
|-------------------------|-------------------------------------|-----------------------|---|---------------|------|---------------|---------------|----------|-----------|----------|
| <b>MS</b>               | Sample ID: <b>HS25071451-01MS</b>   | Units: <b>mg/L</b>    | Analysis Date: <b>28-Jul-2025 20:42</b> |               |      |               |               |          |           |          |
| Client ID: <b>MW-70</b> | Run ID: <b>ICS-Integrion_518560</b> | SeqNo: <b>8961550</b> | PrepDate: DF: <b>1</b>                  |               |      |               |               |          |           |          |
| Analyte                 | Result                              | PQL                   | SPK Val                                 | SPK Ref Value | %REC | Control Limit | RPD Ref Value | RPD %RPD | RPD Limit | RPD Qual |

Chloride 20.1 0.500 10 10.38 97.2 80 - 120

|            |                                     |                       |   |               |      |               |               |          |           |          |
|------------|-------------------------------------|-----------------------|---|---------------|------|---------------|---------------|----------|-----------|----------|
| <b>MS</b>  | Sample ID: <b>HS25071042-01MS</b>   | Units: <b>mg/L</b>    | Analysis Date: <b>28-Jul-2025 19:26</b> |               |      |               |               |          |           |          |
| Client ID: | Run ID: <b>ICS-Integrion_518560</b> | SeqNo: <b>8961540</b> | PrepDate: DF: <b>1</b>                  |               |      |               |               |          |           |          |
| Analyte    | Result                              | PQL                   | SPK Val                                 | SPK Ref Value | %REC | Control Limit | RPD Ref Value | RPD %RPD | RPD Limit | RPD Qual |

Chloride 16.32 0.500 10 6.169 101 80 - 120

|                         |                                     |                       |   |               |      |               |               |          |           |          |
|-------------------------|-------------------------------------|-----------------------|---|---------------|------|---------------|---------------|----------|-----------|----------|
| <b>MSD</b>              | Sample ID: <b>HS25071451-01MSD</b>  | Units: <b>mg/L</b>    | Analysis Date: <b>28-Jul-2025 20:47</b> |               |      |               |               |          |           |          |
| Client ID: <b>MW-70</b> | Run ID: <b>ICS-Integrion_518560</b> | SeqNo: <b>8961551</b> | PrepDate: DF: <b>1</b>                  |               |      |               |               |          |           |          |
| Analyte                 | Result                              | PQL                   | SPK Val                                 | SPK Ref Value | %REC | Control Limit | RPD Ref Value | RPD %RPD | RPD Limit | RPD Qual |

Chloride 20.14 0.500 10 10.38 97.6 80 - 120 20.1 0.179 20

|            |                                     |                       |   |               |      |               |               |          |           |          |
|------------|-------------------------------------|-----------------------|---|---------------|------|---------------|---------------|----------|-----------|----------|
| <b>MSD</b> | Sample ID: <b>HS25071042-01MSD</b>  | Units: <b>mg/L</b>    | Analysis Date: <b>28-Jul-2025 19:31</b> |               |      |               |               |          |           |          |
| Client ID: | Run ID: <b>ICS-Integrion_518560</b> | SeqNo: <b>8961541</b> | PrepDate: DF: <b>1</b>                  |               |      |               |               |          |           |          |
| Analyte    | Result                              | PQL                   | SPK Val                                 | SPK Ref Value | %REC | Control Limit | RPD Ref Value | RPD %RPD | RPD Limit | RPD Qual |

Chloride 16.26 0.500 10 6.169 101 80 - 120 16.32 0.356 20

|   |               |               |               |               |
|---|---------------|---------------|---------------|---------------|
| <b>The following samples were analyzed in this batch:</b> | HS25071451-01 | HS25071451-02 | HS25071451-03 | HS25071451-04 |
|   | HS25071451-05 | HS25071451-06 | HS25071451-07 | HS25071451-08 |
|   | HS25071451-09 |               |               |               |

ALS Houston, US

Date: 30-Jul-25

**Client:** Glenn Springs Holdings, Inc.  
**Project:** 12663281 Indian Basin  
**WorkOrder:** HS25071451

**QC BATCH REPORT**

|                                |                             |  |
|--------------------------------|-----------------------------|--|
| <b>Batch ID:</b> R518632 ( 0 ) | <b>Instrument:</b> Balance1 | <b>Method:</b> TOTAL DISSOLVED SOLIDS BY SM2540C |
|--------------------------------|-----------------------------|--|

|             |                                  |                       |   |               |      |               |               |      |           |      |
|-------------|----------------------------------|-----------------------|---|---------------|------|---------------|---------------|------|-----------|------|
| <b>MBLK</b> | Sample ID: <b>WMBLK-07292025</b> | Units: <b>mg/L</b>    | Analysis Date: <b>29-Jul-2025 10:00</b> |               |      |               |               |      |           |      |
| Client ID:  | Run ID: <b>Balance1_518632</b>   | SeqNo: <b>8963244</b> | PrepDate: DF: <b>1</b>                  |               |      |               |               |      |           |      |
| Analyte     | Result                           | PQL                   | SPK Val                                 | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |

Total Dissolved Solids (Residue, Filterable) U 10.0

|            |                                 |                       |   |               |      |               |               |      |           |      |
|------------|---------------------------------|-----------------------|---|---------------|------|---------------|---------------|------|-----------|------|
| <b>LCS</b> | Sample ID: <b>WLCS-07292025</b> | Units: <b>mg/L</b>    | Analysis Date: <b>29-Jul-2025 10:00</b> |               |      |               |               |      |           |      |
| Client ID: | Run ID: <b>Balance1_518632</b>  | SeqNo: <b>8963243</b> | PrepDate: DF: <b>1</b>                  |               |      |               |               |      |           |      |
| Analyte    | Result                          | PQL                   | SPK Val                                 | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |

Total Dissolved Solids (Residue, Filterable) 982 10.0 1000 0 98.2 85 - 115

|            |                                    |                       |   |               |      |               |               |      |           |      |
|------------|------------------------------------|-----------------------|---|---------------|------|---------------|---------------|------|-----------|------|
| <b>DUP</b> | Sample ID: <b>HS25071444-02DUP</b> | Units: <b>mg/L</b>    | Analysis Date: <b>29-Jul-2025 10:00</b> |               |      |               |               |      |           |      |
| Client ID: | Run ID: <b>Balance1_518632</b>     | SeqNo: <b>8963227</b> | PrepDate: DF: <b>1</b>                  |               |      |               |               |      |           |      |
| Analyte    | Result                             | PQL                   | SPK Val                                 | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |

Total Dissolved Solids (Residue, Filterable) 16960 10.0 18260 7.38 20

|            |                                    |                       |   |               |      |               |               |      |           |      |
|------------|------------------------------------|-----------------------|---|---------------|------|---------------|---------------|------|-----------|------|
| <b>DUP</b> | Sample ID: <b>HS25071393-10DUP</b> | Units: <b>mg/L</b>    | Analysis Date: <b>29-Jul-2025 10:00</b> |               |      |               |               |      |           |      |
| Client ID: | Run ID: <b>Balance1_518632</b>     | SeqNo: <b>8963224</b> | PrepDate: DF: <b>1</b>                  |               |      |               |               |      |           |      |
| Analyte    | Result                             | PQL                   | SPK Val                                 | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |

Total Dissolved Solids (Residue, Filterable) 5000 10.0 5040 0.797 20

|   |               |               |               |               |
|---|---------------|---------------|---------------|---------------|
| <b>The following samples were analyzed in this batch:</b> | HS25071451-01 | HS25071451-02 | HS25071451-03 | HS25071451-04 |
|   | HS25071451-05 | HS25071451-06 | HS25071451-07 | HS25071451-08 |
|   | HS25071451-09 |               |               |               |

**ALS Houston, US**

Date: 30-Jul-25

**Client:** Glenn Springs Holdings, Inc.  
**Project:** 12663281 Indian Basin  
**WorkOrder:** HS25071451

**QUALIFIERS,  
ACRONYMS, UNITS**

| <b>Qualifier</b> | <b>Description</b>  |
|------------------|---|
| *                | Value exceeds Regulatory Limit  |
| a                | Not accredited  |
| B                | Analyte detected in the associated Method Blank above the Reporting Limit |
| E                | Value above quantitation range  |
| H                | Analyzed outside of Holding Time  |
| J                | Analyte detected below quantitation limit                                 |
| M                | Manually integrated, see raw data for justification                       |
| n                | Not offered for accreditation   |
| ND               | Not Detected at the Reporting Limit                                       |
| O                | Sample amount is > 4 times amount spiked                                  |
| P                | Dual Column results percent difference > 40%                              |
| R                | RPD above laboratory control limit  |
| S                | Spike Recovery outside laboratory control limits                          |
| U                | Analyzed but not detected above the MDL/SDL                               |

| <b>Acronym</b> | <b>Description</b>                  |
|----------------|-------------------------------------|
| DCS            | Detectability Check Study           |
| DUP            | Method Duplicate                    |
| LCS            | Laboratory Control Sample           |
| LCSD           | Laboratory Control Sample Duplicate |
| MBLK           | Method Blank                        |
| MDL            | Method Detection Limit              |
| MQL            | Method Quantitation Limit           |
| MS             | Matrix Spike                        |
| MSD            | Matrix Spike Duplicate              |
| PDS            | Post Digestion Spike                |
| PQL            | Practical Quantitation Limit        |
| SD             | Serial Dilution                     |
| SDL            | Sample Detection Limit              |
| TRRP           | Texas Risk Reduction Program        |

ALS Houston, US

Date: 30-Jul-25

**CERTIFICATIONS,ACCREDITATIONS & LICENSES**

| <b>Agency</b>   | <b>Number</b>           | <b>Expire Date</b> |
|-----------------|-------------------------|--------------------|
| Arizona         | AZ0793                  | 27-May-2026        |
| Arkansas        | 88-00356_2024           | 17-Mar-2026        |
| California      | 2919 - 2025             | 30-Apr-2026        |
| Dept of Defense | L24-239                 | 30-Apr-2026        |
| Dept of Defense | L24-240                 | 30-Apr-2026        |
| Florida         | E87611-2025             | 30-Jun-2026        |
| Illinois        | 200032 - 2025           | 31-Jul-2026        |
| Kansas          | E-10352 2023-2024       | 31-Jul-2025        |
| Kentucky        | 123043-2025             | 30-Apr-2026        |
| Louisiana       | 03087-2025              | 30-Jun-2026        |
| Maine           | 2024017                 | 23-Jun-2026        |
| Michigan        | 9971-2025               | 30-Apr-2026        |
| Minnesota       | 2856348                 | 31-Dec-2025        |
| Missouri        | 136                     | 30-Sep-2026        |
| Nebraska        | NE-OS-25-13 - 2025      | 30-Apr-2026        |
| Nevada          | NV-C24-00224 / 2024     | 31-Jul-2025        |
| New Hampshire   | 209425                  | 24-Apr-2026        |
| New Jersey      | TX008-2025              | 30-Jun-2026        |
| New York        | 11707 - 2025            | 01-Apr-2026        |
| North Carolina  | 624 - 2024              | 31-Dec-2025        |
| North Dakota    | R-193 2023-2024         | 30-Sep-2025        |
| Oklahoma        | 2023-140                | 31-Aug-2025        |
| Oregon          | TX200002-013            | 15-May-2026        |
| Pennsylvania    | 019                     | 01-Jul-2026        |
| Tennessee       | TN                      | 30-Apr-2026        |
| Texas           | T104704231 TX-C24-00130 | 30-Apr-2026        |
| Utah            | TX026932023-14          | 31-Jul-2025        |

ALS Houston, US

Date: 30-Jul-25

Sample Receipt Checklist

Work Order ID: HS25071451

Date/Time Received: 25-Jul-2025 09:10

Client Name: Glen Springs/CRA

Received by: Edgar Zheku

|                                  |                   |                                   |                   |
|----------------------------------|-------------------|-----------------------------------|-------------------|
| Completed By: /S/ Chelsea Rogers | 26-Jul-2025 13:05 | Reviewed by: /S/ Christian Thomas | 28-Jul-2025 11:29 |
| eSignature                       | Date/Time         | eSignature                        | Date/Time         |

Matrices: **W**

Carrier name: **FedEx**

- Shipping container/cooler in good condition? Yes  No  Not Present
- Custody seals intact on shipping container/cooler? Yes  No  Not Present
- Custody seals intact on sample bottles? Yes  No  Not Present
- VOA/TX1005/TX1006 Solids in hermetically sealed vials? Yes  No  Not Present
- Chain of custody present? Yes  No  1 Page(s)
- Chain of custody signed when relinquished and received? Yes  No  COC IDs:339121
- Samplers name present on COC? Yes  No
- Chain of custody agrees with sample labels? Yes  No
- Samples in proper container/bottle? Yes  No
- Sample containers intact? Yes  No
- Sufficient sample volume for indicated test? Yes  No
- All samples received within holding time? Yes  No
- Container/Temp Blank temperature in compliance? Yes  No

|                                      |                  |       |
|--------------------------------------|------------------|-------|
| Temperature(s)/Thermometer(s):       | 3.3UC/3.3C       | IR 34 |
| Cooler(s)/Kit(s):                    | 54068            |       |
| Date/Time sample(s) sent to storage: | 07/26/2025 13:05 |       |

- Water - VOA vials have zero headspace? Yes  No  No VOA vials submitted
- Water - pH acceptable upon receipt? Yes  No  N/A
- pH adjusted? Yes  No  N/A

pH adjusted by:

Login Notes: Trip blanks not stated on chain of custody, logged in and placed on hold. Sample MW-49 all three voa vials have headspace.

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:



Cincinnati, OH  
+1 513 733 5336

Fort Collins, CO  
+1 970 490 1511

Everett, WA  
+1 425 356 2600

Holland, MI  
+1 616 399 6070

# Chain of Custody Form

Page \_\_\_\_ of \_\_\_\_

COC ID: 339121

Houston, TX  
+1 281 530 5656


Spring City, PA  
+1 610 948 4903

Middletown, PA  
+1 717 944 5541

Salt Lake City, UT  
+1 801 266 7700

South Charleston,  
+1 304 356 3168

York, PA  
+1 717 505 5280

| Customer Information |                              | Project Information |                              | Parameter/Method Request for Analysis |  |  |  |  |  |  |  |  |  |  |  |  |
|----------------------|------------------------------|---------------------|------------------------------|---------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|
| Purchase Order       | 6000001156 767-402-D02-3100  | Project Name        | 12663281 Indian Basin        | A                                     | 300 W (Chloride) [250PNeat-share]  |  |  |  |  |  |  |  |  |  |  |  |
| Work Order           |                              | Project Number      | 12663281 (Former 11129300)   | B                                     | TDS W 2540C (2540C TDS) [250PNeat-share]   |  |  |  |  |  |  |  |  |  |  |  |
| Company Name         | Glenn Springs Holdings, Inc. | Bill To Company     | Glenn Springs Holdings, Inc. | C                                     | 8260 LL W (8260 BTEX) - [3xVOAHC]  |  |  |  |  |  |  |  |  |  |  |  |
| Send Report To       | Hugh Robotham                | Invoice Attn        | Accounts Payable             | D                                     |  |  |  |  |  |  |  |  |  |  |  |  |
| Address              | PO Box 2148                  | Address             | PO Box 2148                  | E                                     | <p style="text-align: center;"><b>HS25071451</b></p> <p style="text-align: center;">Glenn Springs Holdings, Inc.<br/>12663281 Indian Basin</p>  |  |  |  |  |  |  |  |  |  |  |  |
|                      |                              |                     |                              | F                                     |  |  |  |  |  |  |  |  |  |  |  |  |
| City/State/Zip       | Houston, TX 77252-2148       | City/State/Zip      | Houston TX 77252-2148        | G                                     |  |  |  |  |  |  |  |  |  |  |  |  |
| Phone                |                              | Phone               |                              | H                                     |  |  |  |  |  |  |  |  |  |  |  |  |
| Fax                  |                              | Fax                 |                              | I                                     |  |  |  |  |  |  |  |  |  |  |  |  |
| e-Mail Address       | Hugh.Robotham@arcadis.com    | e-Mail Address      | Chem_GSH@oxy.com             | J                                     |  |  |  |  |  |  |  |  |  |  |  |  |


| No. | Sample Description | Date    | Time | Matrix | Pres. | # Bottles | A | B | C | D | E | F | G | H | I | J | Ho |
|-----|--------------------|---------|------|--------|-------|-----------|---|---|---|---|---|---|---|---|---|---|----|
| 1   | MW-70              | 7/22/25 | 1020 |        |       | 5         | X | X | X |   |   |   |   |   |   |   |    |
| 2   | MW-106             | 7/22/25 | 1225 |        |       | 5         | X | X | X |   |   |   |   |   |   |   |    |
| 3   | MW-77              | 7/22/25 | 1345 |        |       | 2         | X | X |   |   |   |   |   |   |   |   |    |
| 4   | MW-111             | 7/22/25 | 1810 |        |       | 5         | X | X | X |   |   |   |   |   |   |   |    |
| 5   | MW-66              | 7/23/25 | 1335 |        |       | 5         | X | X | X |   |   |   |   |   |   |   |    |
| 6   | MW-45              | 7/23/25 | 1535 |        |       | 5         | X | X | X |   |   |   |   |   |   |   |    |
| 7   | MW-49              | 7/23/25 | 1750 |        |       | 5         | X | X | X |   |   |   |   |   |   |   |    |
| 8   | MW-88              | 7/23/25 | 1945 |        |       | 5         | X | X | X |   |   |   |   |   |   |   |    |
| 9   | DUP-01             | 7/22/25 | 1815 |        |       | 5         | X | X | X |   |   |   |   |   |   |   |    |
| 10  |                    |         |      |        |       |           |   |   |   |   |   |   |   |   |   |   |    |

|  |                  |   |  |   |                     |                                   |  |                   |  |  |  |
|--|------------------|---|--|---|---------------------|-----------------------------------|--|-------------------|--|--|--|
| Sampler(s) Please Print & Sign<br><i>Michael Rodriguez</i>   |                  | Shipment Method<br><b>Fedex Express</b> |  | Required Turnaround Time: (Check Box)<br><input checked="" type="checkbox"/> STD 10 Wk Days <input type="checkbox"/> 5 Wk Days <input type="checkbox"/> 2 Wk Days <input type="checkbox"/> 24 Hour  |                     |                                   |  | Results Due Date: |  |  |  |
| Relinquished by:<br><i>Michael Rodriguez</i>   | Date:<br>7/24/25 | Time:<br>1200                           | Received by:   | Notes: GSH Indian Basin 30290957.01   |                     |                                   |  |                   |  |  |  |
| Relinquished by:   | Date:            | Time:                                   | Received by (Laboratory):<br><i>E 07/23/25 09:10</i> | Cooler ID:<br>54068   | Cooler Temp.:<br>33 | QC Package: (Check One Box Below) |  |                   |  |  |  |
| Logged by (Laboratory):  | Date:            | Time:                                   | Checked by (Laboratory):                             | <input checked="" type="checkbox"/> Level II Std QC <input type="checkbox"/> TRRP Checkin<br><input type="checkbox"/> Level III Std QC/Raw Date <input type="checkbox"/> TRRP Level IV<br><input type="checkbox"/> Level IV SW846/CLP<br><input type="checkbox"/> Other |                     |                                   |  |                   |  |  |  |
| Preservative Key: 1-HCl 2-HNO <sub>3</sub> 3-H <sub>2</sub> SO <sub>4</sub> 4-NaOH 5-Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> 6-NaHSO <sub>4</sub> 7-Other 8-4°C 9-5035 |                  |   |  |   |                     |                                   |  |                   |  |  |  |

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.  
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.

DR34 CF-0

Copyright 2011 by ALS Environme

|   |                             |                     |
|---|-----------------------------|---------------------|
|  <p><b>ALS</b><br/>10450 Stancliff Rd., Suite 210<br/>Houston, Texas 77099<br/>Tel. +1 281 530 5656<br/>Fax. +1 281 530 5887</p> | <b>CUSTODY SEAL</b>         |                     |
|   | Date: <u>7/25/26</u>        | Time: <u>1:20</u>   |
|   | Name: <u>Michael J. ...</u> | Company: <u>...</u> |

**FedEx**  
TRK# 4345 8800 8388  
0221

FRI - 25 JUL AA 1  
STANDARD OVERNIGHT

**AB SGRA**

77099  
TX-US  
IAH



5010442 24Jul2025 MAFA 58105/99C7/SFES



---

10450 Stancliff Rd. Suite 210  
Houston, TX 77099  
T: +1 281 530 5656  
F: +1 281 530 5887

December 10, 2025

Hugh Robotham  
Glenn Springs Holdings, Inc.  
PO Box 2148  
Houston, TX 77252-2148

Work Order: **HS25120167**

Laboratory Results for: **12663281 Indian Basin**

Dear Hugh Robotham,

ALS Environmental received 2 sample(s) on Dec 03, 2025 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,



Generated By: DAYNA.FISHER  
Alexis Dorenbosch  
Project Manager

**ALS Houston, US**

Date: 10-Dec-25

**Client:** Glenn Springs Holdings, Inc.  
**Project:** 12663281 Indian Basin  
**Work Order:** HS25120167

**SAMPLE SUMMARY**

---

| Lab Samp ID   | Client Sample ID | Matrix | TagNo             | Collection Date   | Date Received     | Hold                     |
|---------------|------------------|--------|-------------------|-------------------|-------------------|--------------------------|
| HS25120167-01 | MW-127           | GW     |                   | 02-Dec-2025 13:10 | 03-Dec-2025 10:20 | <input type="checkbox"/> |
| HS25120167-02 | Trip Blank       | Water  | CG-103025<br>-363 | 02-Dec-2025 00:00 | 03-Dec-2025 10:20 | <input type="checkbox"/> |

**ALS Houston, US**

Date: 10-Dec-25

---

**Client:** Glenn Springs Holdings, Inc.  
**Project:** 12663281 Indian Basin  
**Work Order:** HS25120167

**CASE NARRATIVE**

---

**Work Order Comments**

- Log In Notes:  
Trip Blank not on Chain of Custody. Logged in for analysis per client conversation.

---

**GCMS Volatiles by Method SW8260**

**Batch ID: R527755,R527889**

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

---

**WetChemistry by Method E300**

**Batch ID: R527735**

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

---

**WetChemistry by Method M2540C**

**Batch ID: R527640**

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.
-

**ALS Houston, US**

Date: 10-Dec-25

Client: Glenn Springs Holdings, Inc.  
 Project: 12663281 Indian Basin  
 Sample ID: MW-127  
 Collection Date: 02-Dec-2025 13:10

**ANALYTICAL REPORT**

WorkOrder:HS25120167  
 Lab ID:HS25120167-01  
 Matrix:GW

| ANALYSES                                     | RESULT | QUAL                 | MDL   | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED     |
|--|--------|----------------------|-------|--------------|-------|-----------------|-------------------|
| <b>LOW LEVEL VOLATILES BY SW8260C</b>        |        | <b>Method:SW8260</b> |       | Analyst: AKP |       |                 |                   |
| Benzene                                      | U      |                      | 0.28  | 1.0          | ug/L  | 1               | 05-Dec-2025 12:33 |
| Ethylbenzene                                 | U      |                      | 0.33  | 2.0          | ug/L  | 1               | 05-Dec-2025 12:33 |
| Toluene                                      | U      |                      | 0.33  | 2.0          | ug/L  | 1               | 05-Dec-2025 12:33 |
| Xylenes, Total                               | U      |                      | 0.92  | 6.0          | ug/L  | 1               | 05-Dec-2025 12:33 |
| Surr: 1,2-Dichloroethane-d4                  | 96.8   |                      |       | 70-126       | %REC  | 1               | 05-Dec-2025 12:33 |
| Surr: 4-Bromofluorobenzene                   | 106    |                      |       | 77-113       | %REC  | 1               | 05-Dec-2025 12:33 |
| Surr: Dibromofluoromethane                   | 97.0   |                      |       | 77-123       | %REC  | 1               | 05-Dec-2025 12:33 |
| Surr: Toluene-d8                             | 98.0   |                      |       | 82-127       | %REC  | 1               | 05-Dec-2025 12:33 |
| <b>ANIONS BY E300.0, REV 2.1, 1993</b>       |        | <b>Method:E300</b>   |       | Analyst: TH  |       |                 |                   |
| Chloride                                     | 8.70   |                      | 0.200 | 0.500        | mg/L  | 1               | 05-Dec-2025 09:44 |
| <b>TOTAL DISSOLVED SOLIDS BY SM2540C</b>     |        | <b>Method:M2540C</b> |       | Analyst: MC  |       |                 |                   |
| Total Dissolved Solids (Residue, Filterable) | 772    |                      | 3.00  | 10.0         | mg/L  | 1               | 04-Dec-2025 08:00 |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**ALS Houston, US**

Date: 10-Dec-25

Client: Glenn Springs Holdings, Inc.  
 Project: 12663281 Indian Basin  
 Sample ID: Trip Blank  
 Collection Date: 02-Dec-2025 00:00

**ANALYTICAL REPORT**  
 WorkOrder:HS25120167  
 Lab ID:HS25120167-02  
 Matrix:Water

| ANALYSES                              | RESULT | QUAL                 | MDL  | REPORT LIMIT | UNITS | DILUTION FACTOR | DATE ANALYZED     |
|---------------------------------------|--------|----------------------|------|--------------|-------|-----------------|-------------------|
| <b>LOW LEVEL VOLATILES BY SW8260C</b> |        | <b>Method:SW8260</b> |      |              |       |                 | Analyst: AKP      |
| Benzene                               | U      |                      | 0.28 | 1.0          | ug/L  | 1               | 09-Dec-2025 12:07 |
| Ethylbenzene                          | U      |                      | 0.33 | 2.0          | ug/L  | 1               | 09-Dec-2025 12:07 |
| Toluene                               | U      |                      | 0.33 | 2.0          | ug/L  | 1               | 09-Dec-2025 12:07 |
| Xylenes, Total                        | U      |                      | 0.92 | 6.0          | ug/L  | 1               | 09-Dec-2025 12:07 |
| Surr: 1,2-Dichloroethane-d4           | 107    |                      |      | 70-126       | %REC  | 1               | 09-Dec-2025 12:07 |
| Surr: 4-Bromofluorobenzene            | 107    |                      |      | 77-113       | %REC  | 1               | 09-Dec-2025 12:07 |
| Surr: Dibromofluoromethane            | 106    |                      |      | 77-123       | %REC  | 1               | 09-Dec-2025 12:07 |
| Surr: Toluene-d8                      | 98.3   |                      |      | 82-127       | %REC  | 1               | 09-Dec-2025 12:07 |

Note: See Qualifiers Page for a list of qualifiers and their explanation.

ALS Houston, US

Date: 10-Dec-25

**Client:** Glenn Springs Holdings, Inc.  
**Project:** 12663281 Indian Basin  
**WorkOrder:** HS25120167

**DATES REPORT**

| Sample ID                      | Client Samp ID | Collection Date                                      | Leachate Date | Prep Date | Analysis Date        | DF |
|--------------------------------|----------------|--|---------------|-----------|----------------------|----|
| <b>Batch ID:</b> R527640 ( 0 ) |                | <b>Test Name :</b> TOTAL DISSOLVED SOLIDS BY SM2540C |               |           | <b>Matrix:</b> GW    |    |
| HS25120167-01                  | MW-127         | 02 Dec 2025 13:10                                    |               |           | 04 Dec 2025 08:00    | 1  |
| <b>Batch ID:</b> R527735 ( 0 ) |                | <b>Test Name :</b> ANIONS BY E300.0, REV 2.1, 1993   |               |           | <b>Matrix:</b> GW    |    |
| HS25120167-01                  | MW-127         | 02 Dec 2025 13:10                                    |               |           | 05 Dec 2025 09:44    | 1  |
| <b>Batch ID:</b> R527755 ( 0 ) |                | <b>Test Name :</b> LOW LEVEL VOLATILES BY SW8260C    |               |           | <b>Matrix:</b> GW    |    |
| HS25120167-01                  | MW-127         | 02 Dec 2025 13:10                                    |               |           | 05 Dec 2025 12:33    | 1  |
| <b>Batch ID:</b> R527889 ( 0 ) |                | <b>Test Name :</b> LOW LEVEL VOLATILES BY SW8260C    |               |           | <b>Matrix:</b> Water |    |
| HS25120167-02                  | Trip Blank     | 02 Dec 2025 00:00                                    |               |           | 09 Dec 2025 12:07    | 1  |

ALS Houston, US

Date: 10-Dec-25

**Client:** Glenn Springs Holdings, Inc.  
**Project:** 12663281 Indian Basin  
**WorkOrder:** HS25120167

**QC BATCH REPORT**

|                                |                         |   |
|--------------------------------|-------------------------|---|
| <b>Batch ID:</b> R527755 ( 0 ) | <b>Instrument:</b> VOA7 | <b>Method:</b> LOW LEVEL VOLATILES BY SW8260C |
|--------------------------------|-------------------------|---|

| MBLK                        | Sample ID: MBLK-251205 | Units: ug/L    |           |               | Analysis Date: 05-Dec-2025 11:06 |               |               |      |           |      |
|-----------------------------|------------------------|----------------|-----------|---------------|----------------------------------|---------------|---------------|------|-----------|------|
| Client ID:                  | Run ID: VOA7_527755    | SeqNo: 9177828 | PrepDate: | DF: 1         |                                  |               |               |      |           |      |
| Analyte                     | Result                 | PQL            | SPK Val   | SPK Ref Value | %REC                             | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
| Benzene                     | U                      | 1.0            |           |               |                                  |               |               |      |           |      |
| Ethylbenzene                | U                      | 2.0            |           |               |                                  |               |               |      |           |      |
| Toluene                     | U                      | 2.0            |           |               |                                  |               |               |      |           |      |
| Xylenes, Total              | U                      | 6.0            |           |               |                                  |               |               |      |           |      |
| Surr: 1,2-Dichloroethane-d4 | 51.5                   | 1.0            | 50        | 0             | 103                              | 70 - 123      |               |      |           |      |
| Surr: 4-Bromofluorobenzene  | 53.01                  | 1.0            | 50        | 0             | 106                              | 77 - 113      |               |      |           |      |
| Surr: Dibromofluoromethane  | 50.78                  | 1.0            | 50        | 0             | 102                              | 73 - 126      |               |      |           |      |
| Surr: Toluene-d8            | 49.43                  | 1.0            | 50        | 0             | 98.9                             | 81 - 120      |               |      |           |      |

| LCS                         | Sample ID: LCS-251205 | Units: ug/L    |           |               | Analysis Date: 05-Dec-2025 10:01 |               |               |      |           |      |
|-----------------------------|-----------------------|----------------|-----------|---------------|----------------------------------|---------------|---------------|------|-----------|------|
| Client ID:                  | Run ID: VOA7_527755   | SeqNo: 9177826 | PrepDate: | DF: 1         |                                  |               |               |      |           |      |
| Analyte                     | Result                | PQL            | SPK Val   | SPK Ref Value | %REC                             | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
| Benzene                     | 19.21                 | 1.0            | 20        | 0             | 96.0                             | 74 - 120      |               |      |           |      |
| Ethylbenzene                | 19.49                 | 2.0            | 20        | 0             | 97.4                             | 77 - 117      |               |      |           |      |
| Toluene                     | 19.23                 | 2.0            | 20        | 0             | 96.1                             | 77 - 118      |               |      |           |      |
| Xylenes, Total              | 59                    | 6.0            | 60        | 0             | 98.3                             | 75 - 122      |               |      |           |      |
| Surr: 1,2-Dichloroethane-d4 | 49.8                  | 1.0            | 50        | 0             | 99.6                             | 70 - 123      |               |      |           |      |
| Surr: 4-Bromofluorobenzene  | 51.13                 | 1.0            | 50        | 0             | 102                              | 77 - 113      |               |      |           |      |
| Surr: Dibromofluoromethane  | 50.14                 | 1.0            | 50        | 0             | 100                              | 73 - 126      |               |      |           |      |
| Surr: Toluene-d8            | 49.8                  | 1.0            | 50        | 0             | 99.6                             | 81 - 120      |               |      |           |      |

| LCSD                        | Sample ID: LCSD-251205 | Units: ug/L    |           |               | Analysis Date: 05-Dec-2025 10:23 |               |               |       |           |      |
|-----------------------------|------------------------|----------------|-----------|---------------|----------------------------------|---------------|---------------|-------|-----------|------|
| Client ID:                  | Run ID: VOA7_527755    | SeqNo: 9177827 | PrepDate: | DF: 1         |                                  |               |               |       |           |      |
| Analyte                     | Result                 | PQL            | SPK Val   | SPK Ref Value | %REC                             | Control Limit | RPD Ref Value | %RPD  | RPD Limit | Qual |
| Benzene                     | 17.82                  | 1.0            | 20        | 0             | 89.1                             | 74 - 120      | 19.21         | 7.47  | 20        |      |
| Ethylbenzene                | 18.45                  | 2.0            | 20        | 0             | 92.2                             | 77 - 117      | 19.49         | 5.47  | 20        |      |
| Toluene                     | 18.1                   | 2.0            | 20        | 0             | 90.5                             | 77 - 118      | 19.23         | 6.06  | 20        |      |
| Xylenes, Total              | 56.25                  | 6.0            | 60        | 0             | 93.7                             | 75 - 122      | 59            | 4.77  | 20        |      |
| Surr: 1,2-Dichloroethane-d4 | 46.8                   | 1.0            | 50        | 0             | 93.6                             | 70 - 123      | 49.8          | 6.21  | 20        |      |
| Surr: 4-Bromofluorobenzene  | 50.02                  | 1.0            | 50        | 0             | 100                              | 77 - 113      | 51.13         | 2.19  | 20        |      |
| Surr: Dibromofluoromethane  | 48.73                  | 1.0            | 50        | 0             | 97.5                             | 73 - 126      | 50.14         | 2.86  | 20        |      |
| Surr: Toluene-d8            | 50.28                  | 1.0            | 50        | 0             | 101                              | 81 - 120      | 49.8          | 0.965 | 20        |      |

**ALS Houston, US**

Date: 10-Dec-25

**Client:** Glenn Springs Holdings, Inc.  
**Project:** 12663281 Indian Basin  
**WorkOrder:** HS25120167

**QC BATCH REPORT**

**Batch ID:** R527755 ( 0 )      **Instrument:** VOA7      **Method:** LOW LEVEL VOLATILES BY SW8260C

| <b>MS</b>                          |              | Sample ID: <b>HS25120192-06MS</b> |           | Units: <b>ug/L</b>    |            | Analysis Date: <b>05-Dec-2025 18:40</b> |               |              |                |
|------------------------------------|--------------|-----------------------------------|-----------|-----------------------|------------|---|---------------|--------------|----------------|
| Client ID:                         |              | Run ID: <b>VOA7_527755</b>        |           | SeqNo: <b>9177845</b> |            | PrepDate:                               |               | DF: <b>1</b> |                |
| Analyte                            | Result       | PQL                               | SPK Val   | SPK Ref Value         | %REC       | Control Limit                           | RPD Ref Value | %RPD         | RPD Limit Qual |
| Benzene                            | 17.77        | 1.0                               | 20        | 0                     | 88.8       | 70 - 127                                |               |              |                |
| Ethylbenzene                       | 16.95        | 2.0                               | 20        | 0                     | 84.8       | 70 - 124                                |               |              |                |
| Toluene                            | 17.29        | 2.0                               | 20        | 0                     | 86.5       | 70 - 123                                |               |              |                |
| Xylenes, Total                     | 50.5         | 6.0                               | 60        | 0                     | 84.2       | 70 - 130                                |               |              |                |
| <i>Surr: 1,2-Dichloroethane-d4</i> | <i>54.15</i> | <i>1.0</i>                        | <i>50</i> | <i>0</i>              | <i>108</i> | <i>70 - 126</i>                         |               |              |                |
| <i>Surr: 4-Bromofluorobenzene</i>  | <i>50.4</i>  | <i>1.0</i>                        | <i>50</i> | <i>0</i>              | <i>101</i> | <i>77 - 113</i>                         |               |              |                |
| <i>Surr: Dibromofluoromethane</i>  | <i>51.58</i> | <i>1.0</i>                        | <i>50</i> | <i>0</i>              | <i>103</i> | <i>77 - 123</i>                         |               |              |                |
| <i>Surr: Toluene-d8</i>            | <i>50.86</i> | <i>1.0</i>                        | <i>50</i> | <i>0</i>              | <i>102</i> | <i>82 - 127</i>                         |               |              |                |

| <b>MSD</b>                         |              | Sample ID: <b>HS25120192-06MSD</b> |           | Units: <b>ug/L</b>    |            | Analysis Date: <b>05-Dec-2025 19:02</b> |               |               |                |
|------------------------------------|--------------|------------------------------------|-----------|-----------------------|------------|---|---------------|---------------|----------------|
| Client ID:                         |              | Run ID: <b>VOA7_527755</b>         |           | SeqNo: <b>9177846</b> |            | PrepDate:                               |               | DF: <b>1</b>  |                |
| Analyte                            | Result       | PQL                                | SPK Val   | SPK Ref Value         | %REC       | Control Limit                           | RPD Ref Value | %RPD          | RPD Limit Qual |
| Benzene                            | 17.55        | 1.0                                | 20        | 0                     | 87.7       | 70 - 127                                | 17.77         | 1.23          | 20             |
| Ethylbenzene                       | 16.79        | 2.0                                | 20        | 0                     | 83.9       | 70 - 124                                | 16.95         | 0.984         | 20             |
| Toluene                            | 17.09        | 2.0                                | 20        | 0                     | 85.5       | 70 - 123                                | 17.29         | 1.17          | 20             |
| Xylenes, Total                     | 49.34        | 6.0                                | 60        | 0                     | 82.2       | 70 - 130                                | 50.5          | 2.32          | 20             |
| <i>Surr: 1,2-Dichloroethane-d4</i> | <i>50.6</i>  | <i>1.0</i>                         | <i>50</i> | <i>0</i>              | <i>101</i> | <i>70 - 126</i>                         | <i>54.15</i>  | <i>6.78</i>   | <i>20</i>      |
| <i>Surr: 4-Bromofluorobenzene</i>  | <i>50.44</i> | <i>1.0</i>                         | <i>50</i> | <i>0</i>              | <i>101</i> | <i>77 - 113</i>                         | <i>50.4</i>   | <i>0.0853</i> | <i>20</i>      |
| <i>Surr: Dibromofluoromethane</i>  | <i>51.15</i> | <i>1.0</i>                         | <i>50</i> | <i>0</i>              | <i>102</i> | <i>77 - 123</i>                         | <i>51.58</i>  | <i>0.822</i>  | <i>20</i>      |
| <i>Surr: Toluene-d8</i>            | <i>50.55</i> | <i>1.0</i>                         | <i>50</i> | <i>0</i>              | <i>101</i> | <i>82 - 127</i>                         | <i>50.86</i>  | <i>0.619</i>  | <i>20</i>      |

The following samples were analyzed in this batch: HS25120167-01

**ALS Houston, US**

Date: 10-Dec-25

**Client:** Glenn Springs Holdings, Inc.  
**Project:** 12663281 Indian Basin  
**WorkOrder:** HS25120167

**QC BATCH REPORT**

|                                |                         |   |
|--------------------------------|-------------------------|---|
| <b>Batch ID:</b> R527889 ( 0 ) | <b>Instrument:</b> VOA4 | <b>Method:</b> LOW LEVEL VOLATILES BY SW8260C |
|--------------------------------|-------------------------|---|

| <b>MBLK</b>                 |        | Sample ID: <b>MBLK-251208</b> |         | Units: <b>ug/L</b>    |      | Analysis Date: <b>09-Dec-2025 11:04</b> |               |              |                |
|-----------------------------|--------|-------------------------------|---------|-----------------------|------|---|---------------|--------------|----------------|
| Client ID:                  |        | Run ID: <b>VOA4_527889</b>    |         | SeqNo: <b>9180877</b> |      | PrepDate:                               |               | DF: <b>1</b> |                |
| Analyte                     | Result | PQL                           | SPK Val | SPK Ref Value         | %REC | Control Limit                           | RPD Ref Value | %RPD         | RPD Limit Qual |
| Benzene                     | U      | 1.0                           |         |                       |      |   |               |              |                |
| Ethylbenzene                | U      | 2.0                           |         |                       |      |   |               |              |                |
| Toluene                     | U      | 2.0                           |         |                       |      |   |               |              |                |
| Xylenes, Total              | U      | 6.0                           |         |                       |      |   |               |              |                |
| Surr: 1,2-Dichloroethane-d4 | 55.9   | 1.0                           | 50      | 0                     | 112  | 70 - 123                                |               |              |                |
| Surr: 4-Bromofluorobenzene  | 53.58  | 1.0                           | 50      | 0                     | 107  | 77 - 113                                |               |              |                |
| Surr: Dibromofluoromethane  | 52.59  | 1.0                           | 50      | 0                     | 105  | 73 - 126                                |               |              |                |
| Surr: Toluene-d8            | 49.11  | 1.0                           | 50      | 0                     | 98.2 | 81 - 120                                |               |              |                |

| <b>LCS</b>                  |        | Sample ID: <b>LCS-251208</b> |         | Units: <b>ug/L</b>    |      | Analysis Date: <b>09-Dec-2025 10:02</b> |               |              |                |
|-----------------------------|--------|------------------------------|---------|-----------------------|------|---|---------------|--------------|----------------|
| Client ID:                  |        | Run ID: <b>VOA4_527889</b>   |         | SeqNo: <b>9180875</b> |      | PrepDate:                               |               | DF: <b>1</b> |                |
| Analyte                     | Result | PQL                          | SPK Val | SPK Ref Value         | %REC | Control Limit                           | RPD Ref Value | %RPD         | RPD Limit Qual |
| Benzene                     | 19.28  | 1.0                          | 20      | 0                     | 96.4 | 74 - 120                                |               |              |                |
| Ethylbenzene                | 18.29  | 2.0                          | 20      | 0                     | 91.5 | 77 - 117                                |               |              |                |
| Toluene                     | 18.33  | 2.0                          | 20      | 0                     | 91.7 | 77 - 118                                |               |              |                |
| Xylenes, Total              | 55.16  | 6.0                          | 60      | 0                     | 91.9 | 75 - 122                                |               |              |                |
| Surr: 1,2-Dichloroethane-d4 | 57.28  | 1.0                          | 50      | 0                     | 115  | 70 - 123                                |               |              |                |
| Surr: 4-Bromofluorobenzene  | 53.18  | 1.0                          | 50      | 0                     | 106  | 77 - 113                                |               |              |                |
| Surr: Dibromofluoromethane  | 53.66  | 1.0                          | 50      | 0                     | 107  | 73 - 126                                |               |              |                |
| Surr: Toluene-d8            | 49.36  | 1.0                          | 50      | 0                     | 98.7 | 81 - 120                                |               |              |                |

| <b>LCSD</b>                 |        | Sample ID: <b>LCSD-251208</b> |         | Units: <b>ug/L</b>    |      | Analysis Date: <b>09-Dec-2025 10:23</b> |               |              |                |
|-----------------------------|--------|-------------------------------|---------|-----------------------|------|---|---------------|--------------|----------------|
| Client ID:                  |        | Run ID: <b>VOA4_527889</b>    |         | SeqNo: <b>9180876</b> |      | PrepDate:                               |               | DF: <b>1</b> |                |
| Analyte                     | Result | PQL                           | SPK Val | SPK Ref Value         | %REC | Control Limit                           | RPD Ref Value | %RPD         | RPD Limit Qual |
| Benzene                     | 18.61  | 1.0                           | 20      | 0                     | 93.0 | 74 - 120                                | 19.28         | 3.54         | 20             |
| Ethylbenzene                | 17.59  | 2.0                           | 20      | 0                     | 88.0 | 77 - 117                                | 18.29         | 3.9          | 20             |
| Toluene                     | 17.72  | 2.0                           | 20      | 0                     | 88.6 | 77 - 118                                | 18.33         | 3.36         | 20             |
| Xylenes, Total              | 52.92  | 6.0                           | 60      | 0                     | 88.2 | 75 - 122                                | 55.16         | 4.15         | 20             |
| Surr: 1,2-Dichloroethane-d4 | 55.75  | 1.0                           | 50      | 0                     | 112  | 70 - 123                                | 57.28         | 2.71         | 20             |
| Surr: 4-Bromofluorobenzene  | 51.43  | 1.0                           | 50      | 0                     | 103  | 77 - 113                                | 53.18         | 3.35         | 20             |
| Surr: Dibromofluoromethane  | 53.5   | 1.0                           | 50      | 0                     | 107  | 73 - 126                                | 53.66         | 0.299        | 20             |
| Surr: Toluene-d8            | 49.23  | 1.0                           | 50      | 0                     | 98.5 | 81 - 120                                | 49.36         | 0.272        | 20             |

**ALS Houston, US**

Date: 10-Dec-25

**Client:** Glenn Springs Holdings, Inc.  
**Project:** 12663281 Indian Basin  
**WorkOrder:** HS25120167

**QC BATCH REPORT**

**Batch ID:** R527889 ( 0 )      **Instrument:** VOA4      **Method:** LOW LEVEL VOLATILES BY SW8260C

| <b>MS</b>                          |              | Sample ID: <b>HS25120300-17MS</b> |           | Units: <b>ug/L</b>    |             | Analysis Date: <b>09-Dec-2025 18:22</b> |               |              |                |
|------------------------------------|--------------|-----------------------------------|-----------|-----------------------|-------------|---|---------------|--------------|----------------|
| Client ID:                         |              | Run ID: <b>VOA4_527889</b>        |           | SeqNo: <b>9182023</b> |             | PrepDate:                               |               | DF: <b>1</b> |                |
| Analyte                            | Result       | PQL                               | SPK Val   | SPK Ref Value         | %REC        | Control Limit                           | RPD Ref Value | %RPD         | RPD Limit Qual |
| Benzene                            | 17.53        | 1.0                               | 20        | 0                     | 87.7        | 70 - 127                                |               |              |                |
| Ethylbenzene                       | 16.63        | 2.0                               | 20        | 0                     | 83.1        | 70 - 124                                |               |              |                |
| Toluene                            | 17.08        | 2.0                               | 20        | 0                     | 85.4        | 70 - 123                                |               |              |                |
| Xylenes, Total                     | 49.94        | 6.0                               | 60        | 0                     | 83.2        | 70 - 130                                |               |              |                |
| <i>Surr: 1,2-Dichloroethane-d4</i> | <i>57.73</i> | <i>1.0</i>                        | <i>50</i> | <i>0</i>              | <i>115</i>  | <i>70 - 126</i>                         |               |              |                |
| <i>Surr: 4-Bromofluorobenzene</i>  | <i>52.62</i> | <i>1.0</i>                        | <i>50</i> | <i>0</i>              | <i>105</i>  | <i>77 - 113</i>                         |               |              |                |
| <i>Surr: Dibromofluoromethane</i>  | <i>53.26</i> | <i>1.0</i>                        | <i>50</i> | <i>0</i>              | <i>107</i>  | <i>77 - 123</i>                         |               |              |                |
| <i>Surr: Toluene-d8</i>            | <i>49.96</i> | <i>1.0</i>                        | <i>50</i> | <i>0</i>              | <i>99.9</i> | <i>82 - 127</i>                         |               |              |                |

| <b>MSD</b>                         |              | Sample ID: <b>HS25120300-17MSD</b> |           | Units: <b>ug/L</b>    |             | Analysis Date: <b>09-Dec-2025 18:43</b> |               |              |                |
|------------------------------------|--------------|------------------------------------|-----------|-----------------------|-------------|---|---------------|--------------|----------------|
| Client ID:                         |              | Run ID: <b>VOA4_527889</b>         |           | SeqNo: <b>9182024</b> |             | PrepDate:                               |               | DF: <b>1</b> |                |
| Analyte                            | Result       | PQL                                | SPK Val   | SPK Ref Value         | %REC        | Control Limit                           | RPD Ref Value | %RPD         | RPD Limit Qual |
| Benzene                            | 17.12        | 1.0                                | 20        | 0                     | 85.6        | 70 - 127                                | 17.53         | 2.37         | 20             |
| Ethylbenzene                       | 15.67        | 2.0                                | 20        | 0                     | 78.4        | 70 - 124                                | 16.63         | 5.94         | 20             |
| Toluene                            | 16.12        | 2.0                                | 20        | 0                     | 80.6        | 70 - 123                                | 17.08         | 5.84         | 20             |
| Xylenes, Total                     | 47.78        | 6.0                                | 60        | 0                     | 79.6        | 70 - 130                                | 49.94         | 4.42         | 20             |
| <i>Surr: 1,2-Dichloroethane-d4</i> | <i>56.87</i> | <i>1.0</i>                         | <i>50</i> | <i>0</i>              | <i>114</i>  | <i>70 - 126</i>                         | <i>57.73</i>  | <i>1.5</i>   | <i>20</i>      |
| <i>Surr: 4-Bromofluorobenzene</i>  | <i>52.21</i> | <i>1.0</i>                         | <i>50</i> | <i>0</i>              | <i>104</i>  | <i>77 - 113</i>                         | <i>52.62</i>  | <i>0.778</i> | <i>20</i>      |
| <i>Surr: Dibromofluoromethane</i>  | <i>52.76</i> | <i>1.0</i>                         | <i>50</i> | <i>0</i>              | <i>106</i>  | <i>77 - 123</i>                         | <i>53.26</i>  | <i>0.951</i> | <i>20</i>      |
| <i>Surr: Toluene-d8</i>            | <i>49.38</i> | <i>1.0</i>                         | <i>50</i> | <i>0</i>              | <i>98.8</i> | <i>82 - 127</i>                         | <i>49.96</i>  | <i>1.16</i>  | <i>20</i>      |

The following samples were analyzed in this batch: HS25120167-02

**ALS Houston, US**

Date: 10-Dec-25

**Client:** Glenn Springs Holdings, Inc.  
**Project:** 12663281 Indian Basin  
**WorkOrder:** HS25120167

**QC BATCH REPORT**

|                                |                             |  |
|--------------------------------|-----------------------------|--|
| <b>Batch ID:</b> R527640 ( 0 ) | <b>Instrument:</b> Balance1 | <b>Method:</b> TOTAL DISSOLVED SOLIDS BY SM2540C |
|--------------------------------|-----------------------------|--|

|             |                                  |                       |   |               |      |               |               |      |           |      |
|-------------|----------------------------------|-----------------------|---|---------------|------|---------------|---------------|------|-----------|------|
| <b>MBLK</b> | Sample ID: <b>WMBLK-12042025</b> | Units: <b>mg/L</b>    | Analysis Date: <b>04-Dec-2025 08:00</b> |               |      |               |               |      |           |      |
| Client ID:  | Run ID: <b>Balance1_527640</b>   | SeqNo: <b>9174965</b> | PrepDate: DF: <b>1</b>                  |               |      |               |               |      |           |      |
| Analyte     | Result                           | PQL                   | SPK Val                                 | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |

Total Dissolved Solids (Residue, Filterable) U 10.0

|            |                                 |                       |   |               |      |               |               |      |           |      |
|------------|---------------------------------|-----------------------|---|---------------|------|---------------|---------------|------|-----------|------|
| <b>LCS</b> | Sample ID: <b>WLCS-12042025</b> | Units: <b>mg/L</b>    | Analysis Date: <b>04-Dec-2025 08:00</b> |               |      |               |               |      |           |      |
| Client ID: | Run ID: <b>Balance1_527640</b>  | SeqNo: <b>9174964</b> | PrepDate: DF: <b>1</b>                  |               |      |               |               |      |           |      |
| Analyte    | Result                          | PQL                   | SPK Val                                 | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |

Total Dissolved Solids (Residue, Filterable) 1064 10.0 1000 0 106 85 - 115

|                          |                                    |                       |   |               |      |               |               |      |           |      |
|--------------------------|------------------------------------|-----------------------|---|---------------|------|---------------|---------------|------|-----------|------|
| <b>DUP</b>               | Sample ID: <b>HS25120167-01DUP</b> | Units: <b>mg/L</b>    | Analysis Date: <b>04-Dec-2025 08:00</b> |               |      |               |               |      |           |      |
| Client ID: <b>MW-127</b> | Run ID: <b>Balance1_527640</b>     | SeqNo: <b>9174963</b> | PrepDate: DF: <b>1</b>                  |               |      |               |               |      |           |      |
| Analyte                  | Result                             | PQL                   | SPK Val                                 | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |

Total Dissolved Solids (Residue, Filterable) 782 10.0 772 1.29 20

|            |                                    |                       |   |               |      |               |               |      |           |      |
|------------|------------------------------------|-----------------------|---|---------------|------|---------------|---------------|------|-----------|------|
| <b>DUP</b> | Sample ID: <b>HS25120145-01DUP</b> | Units: <b>mg/L</b>    | Analysis Date: <b>04-Dec-2025 08:00</b> |               |      |               |               |      |           |      |
| Client ID: | Run ID: <b>Balance1_527640</b>     | SeqNo: <b>9174951</b> | PrepDate: DF: <b>1</b>                  |               |      |               |               |      |           |      |
| Analyte    | Result                             | PQL                   | SPK Val                                 | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |

Total Dissolved Solids (Residue, Filterable) 2660 10.0 2620 1.52 20

The following samples were analyzed in this batch: HS25120167-01

ALS Houston, US

Date: 10-Dec-25

**Client:** Glenn Springs Holdings, Inc.  
**Project:** 12663281 Indian Basin  
**WorkOrder:** HS25120167

**QC BATCH REPORT**

|                                |                           |  |
|--------------------------------|---------------------------|--|
| <b>Batch ID:</b> R527735 ( 0 ) | <b>Instrument:</b> ICS-04 | <b>Method:</b> ANIONS BY E300.0, REV 2.1, 1993 |
|--------------------------------|---------------------------|--|

|             |                              |                       |   |               |      |               |               |          |           |          |
|-------------|------------------------------|-----------------------|---|---------------|------|---------------|---------------|----------|-----------|----------|
| <b>MBLK</b> | Sample ID: <b>MBLK</b>       | Units: <b>mg/L</b>    | Analysis Date: <b>05-Dec-2025 08:04</b> |               |      |               |               |          |           |          |
| Client ID:  | Run ID: <b>ICS-04_527735</b> | SeqNo: <b>9177305</b> | PrepDate: DF: <b>1</b>                  |               |      |               |               |          |           |          |
| Analyte     | Result                       | PQL                   | SPK Val                                 | SPK Ref Value | %REC | Control Limit | RPD Ref Value | RPD %RPD | RPD Limit | RPD Qual |

Chloride U 0.500

|            |                              |                       |   |               |      |               |               |          |           |          |
|------------|------------------------------|-----------------------|---|---------------|------|---------------|---------------|----------|-----------|----------|
| <b>LCS</b> | Sample ID: <b>LCS</b>        | Units: <b>mg/L</b>    | Analysis Date: <b>05-Dec-2025 08:16</b> |               |      |               |               |          |           |          |
| Client ID: | Run ID: <b>ICS-04_527735</b> | SeqNo: <b>9177306</b> | PrepDate: DF: <b>1</b>                  |               |      |               |               |          |           |          |
| Analyte    | Result                       | PQL                   | SPK Val                                 | SPK Ref Value | %REC | Control Limit | RPD Ref Value | RPD %RPD | RPD Limit | RPD Qual |

Chloride 19.95 0.500 20 0 99.8 90 - 110

|            |                                   |                       |   |               |      |               |               |          |           |          |
|------------|-----------------------------------|-----------------------|---|---------------|------|---------------|---------------|----------|-----------|----------|
| <b>MS</b>  | Sample ID: <b>HS25120266-02MS</b> | Units: <b>mg/L</b>    | Analysis Date: <b>05-Dec-2025 14:09</b> |               |      |               |               |          |           |          |
| Client ID: | Run ID: <b>ICS-04_527735</b>      | SeqNo: <b>9177332</b> | PrepDate: DF: <b>10</b>                 |               |      |               |               |          |           |          |
| Analyte    | Result                            | PQL                   | SPK Val                                 | SPK Ref Value | %REC | Control Limit | RPD Ref Value | RPD %RPD | RPD Limit | RPD Qual |

Chloride 300.3 5.00 100 208.1 92.2 80 - 120

|                          |                                   |                       |   |               |      |               |               |          |           |          |
|--------------------------|-----------------------------------|-----------------------|---|---------------|------|---------------|---------------|----------|-----------|----------|
| <b>MS</b>                | Sample ID: <b>HS25120167-01MS</b> | Units: <b>mg/L</b>    | Analysis Date: <b>05-Dec-2025 09:50</b> |               |      |               |               |          |           |          |
| Client ID: <b>MW-127</b> | Run ID: <b>ICS-04_527735</b>      | SeqNo: <b>9177319</b> | PrepDate: DF: <b>1</b>                  |               |      |               |               |          |           |          |
| Analyte                  | Result                            | PQL                   | SPK Val                                 | SPK Ref Value | %REC | Control Limit | RPD Ref Value | RPD %RPD | RPD Limit | RPD Qual |

Chloride 18.49 0.500 10 8.704 97.8 80 - 120

|            |                                   |                       |   |               |      |               |               |          |           |          |
|------------|-----------------------------------|-----------------------|---|---------------|------|---------------|---------------|----------|-----------|----------|
| <b>MS</b>  | Sample ID: <b>HS25120149-08MS</b> | Units: <b>mg/L</b>    | Analysis Date: <b>05-Dec-2025 09:32</b> |               |      |               |               |          |           |          |
| Client ID: | Run ID: <b>ICS-04_527735</b>      | SeqNo: <b>9177316</b> | PrepDate: DF: <b>2</b>                  |               |      |               |               |          |           |          |
| Analyte    | Result                            | PQL                   | SPK Val                                 | SPK Ref Value | %REC | Control Limit | RPD Ref Value | RPD %RPD | RPD Limit | RPD Qual |

Chloride 119 1.00 20 99.23 98.8 80 - 120 O

|            |                                    |                       |   |               |      |               |               |          |           |          |
|------------|------------------------------------|-----------------------|---|---------------|------|---------------|---------------|----------|-----------|----------|
| <b>MSD</b> | Sample ID: <b>HS25120266-02MSD</b> | Units: <b>mg/L</b>    | Analysis Date: <b>05-Dec-2025 14:14</b> |               |      |               |               |          |           |          |
| Client ID: | Run ID: <b>ICS-04_527735</b>       | SeqNo: <b>9177333</b> | PrepDate: DF: <b>10</b>                 |               |      |               |               |          |           |          |
| Analyte    | Result                             | PQL                   | SPK Val                                 | SPK Ref Value | %REC | Control Limit | RPD Ref Value | RPD %RPD | RPD Limit | RPD Qual |

Chloride 301.6 5.00 100 208.1 93.5 80 - 120 300.3 0.445 20

**ALS Houston, US**

Date: 10-Dec-25

**Client:** Glenn Springs Holdings, Inc.  
**Project:** 12663281 Indian Basin  
**WorkOrder:** HS25120167

**QC BATCH REPORT**

**Batch ID:** R527735 ( 0 )      **Instrument:** ICS-04      **Method:** ANIONS BY E300.0, REV 2.1, 1993

|                          |                                    |                       |   |               |      |               |               |      |           |      |
|--------------------------|------------------------------------|-----------------------|---|---------------|------|---------------|---------------|------|-----------|------|
| <b>MSD</b>               | Sample ID: <b>HS25120167-01MSD</b> | Units: <b>mg/L</b>    | Analysis Date: <b>05-Dec-2025 09:56</b> |               |      |               |               |      |           |      |
| Client ID: <b>MW-127</b> | Run ID: <b>ICS-04_527735</b>       | SeqNo: <b>9177320</b> | PrepDate:      DF: <b>1</b>             |               |      |               |               |      |           |      |
| Analyte                  | Result                             | PQL                   | SPK Val                                 | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |

|          |       |       |    |       |      |          |       |       |    |
|----------|-------|-------|----|-------|------|----------|-------|-------|----|
| Chloride | 18.42 | 0.500 | 10 | 8.704 | 97.2 | 80 - 120 | 18.49 | 0.341 | 20 |
|----------|-------|-------|----|-------|------|----------|-------|-------|----|

|            |                                    |                       |   |               |      |               |               |      |           |      |
|------------|------------------------------------|-----------------------|---|---------------|------|---------------|---------------|------|-----------|------|
| <b>MSD</b> | Sample ID: <b>HS25120149-08MSD</b> | Units: <b>mg/L</b>    | Analysis Date: <b>05-Dec-2025 09:38</b> |               |      |               |               |      |           |      |
| Client ID: | Run ID: <b>ICS-04_527735</b>       | SeqNo: <b>9177317</b> | PrepDate:      DF: <b>2</b>             |               |      |               |               |      |           |      |
| Analyte    | Result                             | PQL                   | SPK Val                                 | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |

|          |       |      |    |       |      |          |     |       |    |   |
|----------|-------|------|----|-------|------|----------|-----|-------|----|---|
| Chloride | 118.7 | 1.00 | 20 | 99.23 | 97.3 | 80 - 120 | 119 | 0.251 | 20 | O |
|----------|-------|------|----|-------|------|----------|-----|-------|----|---|

The following samples were analyzed in this batch: HS25120167-01

**ALS Houston, US**

Date: 10-Dec-25

**Client:** Glenn Springs Holdings, Inc.  
**Project:** 12663281 Indian Basin  
**WorkOrder:** HS25120167

**QUALIFIERS,  
ACRONYMS, UNITS**

| <b>Qualifier</b> | <b>Description</b>  |
|------------------|---|
| *                | Value exceeds Regulatory Limit  |
| a                | Not accredited  |
| B                | Analyte detected in the associated Method Blank above the Reporting Limit |
| E                | Value above quantitation range  |
| H                | Analyzed outside of Holding Time  |
| J                | Analyte detected below quantitation limit                                 |
| M                | Manually integrated, see raw data for justification                       |
| n                | Not offered for accreditation   |
| ND               | Not Detected at the Reporting Limit                                       |
| O                | Sample amount is > 4 times amount spiked                                  |
| P                | Dual Column results percent difference > 40%                              |
| R                | RPD above laboratory control limit  |
| S                | Spike Recovery outside laboratory control limits                          |
| U                | Analyzed but not detected above the MDL/SDL                               |

| <b>Acronym</b> | <b>Description</b>                  |
|----------------|-------------------------------------|
| DCS            | Detectability Check Study           |
| DUP            | Method Duplicate                    |
| LCS            | Laboratory Control Sample           |
| LCSD           | Laboratory Control Sample Duplicate |
| MBLK           | Method Blank                        |
| MDL            | Method Detection Limit              |
| MQL            | Method Quantitation Limit           |
| MS             | Matrix Spike                        |
| MSD            | Matrix Spike Duplicate              |
| PDS            | Post Digestion Spike                |
| PQL            | Practical Quantitation Limit        |
| SD             | Serial Dilution                     |
| SDL            | Sample Detection Limit              |
| TRRP           | Texas Risk Reduction Program        |

ALS Houston, US

Date: 10-Dec-25

**CERTIFICATIONS,ACCREDITATIONS & LICENSES**

| <b>Agency</b>   | <b>Number</b>       | <b>Expire Date</b> |
|-----------------|---------------------|--------------------|
| Arizona         | AZ0793              | 27-May-2026        |
| Arkansas        | 88-00356_2024       | 17-Mar-2026        |
| California      | 2919 - 2025         | 30-Apr-2026        |
| Dept of Defense | L24-240-R4          | 30-Apr-2026        |
| Dept of Defense | L24-239-R1          | 30-Apr-2026        |
| Florida         | E87611-2025         | 30-Jun-2026        |
| Illinois        | 200032 - 2025       | 31-Jul-2026        |
| Kansas          | KS-C25-00168        | 31-Jul-2026        |
| Kentucky        | 123043-2025         | 30-Apr-2026        |
| Louisiana       | 03087-2025          | 30-Jun-2026        |
| Maine           | 2024017             | 23-Jun-2026        |
| Maryland        | 343-2025-26         | 30-Jun-2026        |
| Michigan        | 9971-2025           | 30-Apr-2026        |
| Minnesota       | 2856348             | 31-Dec-2025        |
| Missouri        | 136                 | 30-Sep-2026        |
| Nebraska        | NE-OS-25-13 - 2025  | 30-Apr-2026        |
| Nevada          | NV-C25-00124 - 2025 | 31-Jul-2026        |
| New Hampshire   | 209425              | 24-Apr-2026        |
| New Jersey      | TX008-2025          | 30-Jun-2026        |
| New York        | 11707 - 2025        | 01-Apr-2026        |
| North Carolina  | 624 - 2024          | 31-Dec-2025        |
| Oklahoma        | 2023-140            | 31-Dec-2025        |
| Oregon          | TX200002-013        | 15-May-2026        |
| Pennsylvania    | 019                 | 01-Jul-2026        |
| Tennessee       | TN                  | 30-Apr-2026        |
| Texas           | TX-C25-00104        | 30-Apr-2026        |
| Utah            | TX026932025-17      | 31-Jul-2026        |

ALS Houston, US

Date: 10-Dec-25

Sample Receipt Checklist

Work Order ID: HS25120167

Date/Time Received: 03-Dec-2025 10:20

Client Name: Glen Springs/CRA

Received by: Si Ma

|                                    |                   |                                  |                   |
|------------------------------------|-------------------|----------------------------------|-------------------|
| Completed By: /S/ Johnny Hernandez | 03-Dec-2025 17:37 | Reviewed by: /S/ Beverly Mustafa | 04-Dec-2025 08:59 |
| eSignature                         | Date/Time         | eSignature                       | Date/Time         |

Matrices: **W**

Carrier name: **FedEx**

- Shipping container/cooler in good condition? Yes  No  Not Present
- Custody seals intact on shipping container/cooler? Yes  No  Not Present
- Custody seals intact on sample bottles? Yes  No  Not Present
- VOA/TX1005/TX1006 Solids in hermetically sealed vials? Yes  No  Not Present
- Chain of custody present? Yes  No  1 Page(s)
- Chain of custody signed when relinquished and received? Yes  No  COC IDs:350496
- Samplers name present on COC? Yes  No
- Chain of custody agrees with sample labels? Yes  No
- Samples in proper container/bottle? Yes  No
- Sample containers intact? Yes  No
- Sufficient sample volume for indicated test? Yes  No
- All samples received within holding time? Yes  No
- Container/Temp Blank temperature in compliance? Yes  No

|  |   |   |
|--|---|---|
| Temperature(s)/Thermometer(s):         | 1.2uc/1.2c  | ir34  |
| Cooler(s)/Kit(s):                      | 54103   |   |
| Date/Time sample(s) sent to storage:   | 12/03/2025 17:37  |   |
| Water - VOA vials have zero headspace? | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | No VOA vials submitted <input type="checkbox"/> |
| Water - pH acceptable upon receipt?    | Yes <input type="checkbox"/> No <input type="checkbox"/>            | N/A <input checked="" type="checkbox"/>         |
| pH adjusted?                           | Yes <input type="checkbox"/> No <input type="checkbox"/>            | N/A <input checked="" type="checkbox"/>         |
| pH adjusted by:                        |   |   |

Login Notes: Trip Blank not on Chain of Custody. Placed on hold

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:



Cincinnati, OH  
+1 513 733 5336

Everett, WA  
+1 425 356 2600

Fort Collins, CO  
+1 970 490 1511

Holland, MI  
+1 616 399 6070

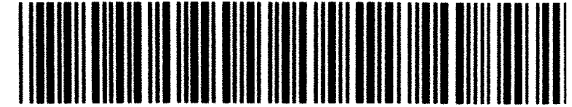
# Chain of Custody Form

Page \_\_\_\_ of \_\_\_\_

COC ID: 350496

HS25120167

Glenn Springs Holdings, Inc.  
12663281 Indian Basin



ALS Project Manager:


| Customer Information |                              | Project Information |                              |  |
|----------------------|------------------------------|---------------------|------------------------------|--|
| Purchase Order       | 6000001156 767-402-D02-3100  | Project Name        | 12663281 Indian Basin        | A 300_W (Chloride) [250PNeat-share]        |
| Work Order           |                              | Project Number      | 12663281 (Former 11129300)   | B TDS_W 2540C (2540C TDS) [250PNeat-share] |
| Company Name         | Glenn Springs Holdings, Inc. | Bill To Company     | Glenn Springs Holdings, Inc. | C 8260_LL_W (8260 BTEX) - [3xVOAHC]        |
| Send Report To       | Hugh Robotham                | Invoice Attn        | Accounts Payable             | D  |
| Address              | PO Box 2148                  | Address             | PO Box 2148                  | E  |
|                      |                              |                     |                              | F  |
| City/State/Zip       | Houston, TX 77252-2148       | City/State/Zip      | Houston TX 77252-2148        | G  |
| Phone                |                              | Phone               |                              | H  |
| Fax                  |                              | Fax                 |                              | I  |
| e-Mail Address       | Hugh.Robotham@arcadis.com    | e-Mail Address      | Chem_GSH@oxy.com             | J  |

| No. | Sample Description | Date    | Time | Matrix | Pres. | # Bottles | A | B | C | D | E | F | G | H | I | J | Hold |
|-----|--------------------|---------|------|--------|-------|-----------|---|---|---|---|---|---|---|---|---|---|------|
| 1   | MW-127             | 12/2/25 | 1310 | GW     |       | 5         | X | X | X |   |   |   |   |   |   |   |      |
| 2   |                    |         |      |        |       |           |   |   |   |   |   |   |   |   |   |   |      |
| 3   |                    |         |      |        |       |           |   |   |   |   |   |   |   |   |   |   |      |
| 4   |                    |         |      |        |       |           |   |   |   |   |   |   |   |   |   |   |      |
| 5   |                    |         |      |        |       |           |   |   |   |   |   |   |   |   |   |   |      |
| 6   |                    |         |      |        |       |           |   |   |   |   |   |   |   |   |   |   |      |
| 7   |                    |         |      |        |       |           |   |   |   |   |   |   |   |   |   |   |      |
| 8   |                    |         |      |        |       |           |   |   |   |   |   |   |   |   |   |   |      |
| 9   |                    |         |      |        |       |           |   |   |   |   |   |   |   |   |   |   |      |
| 10  |                    |         |      |        |       |           |   |   |   |   |   |   |   |   |   |   |      |

|  |  |                          |               |   |  |   |   |  |  |  |
|--|--|--------------------------|---------------|---|--|---|---|--|--|--|
| Sampler(s) Please Print & Sign<br>Michael Rodriguez <i>Michael Rodriguez</i>   |  | Shipment Method<br>FedEx |               | Required Turnaround Time: (Check Box) <input checked="" type="checkbox"/> STD 10 Wk Days <input type="checkbox"/> 5 Wk Days <input type="checkbox"/> 2 Wk Days <input type="checkbox"/> 24 Hour |  |   |   | Results Due Date:                                  |  |  |
| Relinquished by:<br><i>Michael Rodriguez</i>   |  | Date:<br>12/2/25         | Time:<br>1545 | Received by:  |  | Notes: GSHI Indian Basin                            |   |  |  |  |
| Relinquished by:   |  | Date:                    | Time:         | Received by (Laboratory):<br>Gm 12/03/25 10:20  |  | Cooler ID:<br>54103                                 | Cooler Temp.:<br>1.2                    | QC Package: (Check One Box Below)                  |  |  |
| Logged by (Laboratory):  |  | Date:                    | Time:         | Checked by (Laboratory):  |  | <input checked="" type="checkbox"/> Level II Std QC | <input type="checkbox"/> TRRP Checklist | <input type="checkbox"/> Level III Std QC/Raw Date |  | <input type="checkbox"/> TRRP Level IV |
| Preservative Key: 1-HCl 2-HNO <sub>3</sub> 3-H <sub>2</sub> SO <sub>4</sub> 4-NaOH 5-Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> 6-NaHSO <sub>4</sub> 7-Other 8-4°C 9-5035 |  |                          |               |   |  | <input type="checkbox"/> Level IV SW64 B/CLP        | Other:                                  |  |  |  |

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.  
 2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.  
 3. The Chain of Custody is a legal document. All information must be completed accurately.

Copyright 2011 by ALS Environmental.

|  |            |
|--|------------|
|                       |            |
| <b>ALS</b>   |            |
| 10450 Stancliff Rd., Suite 210<br>Houston, Texas 77099<br>Tel. +1 281 530 5656<br>Fax. +1 281 530 5887 |            |
| <b>CUSTODY SEAL</b>  |            |
| Date: 11/21/25   | Time: 1545 |
| Name: Matthew K. Edwards   |            |
| Company: Aerial 173  |            |
| Seal Broken By:  | Date:      |

**Must be received by Next Business Day  
Time and Temperature Sensitive!**

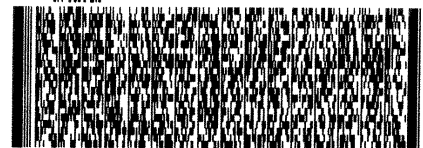


ORIGIN ID: SGRA (432) 687-5400  
MICHAEL RODRIGUEZ  
GLEN SPRINGS HOLDINGS, INC  
1004 N. BIG SPRING STREET  
SUITE 121  
MIDLAND, TX 79701  
UNITED STATES US


SHIP DATE: 25NOV25  
ACTWGT: 1.00 LB HAN  
CAD: 0221247/CAFE3953  
DIMS: 26x14x14 IN

TO **SAMPLE RECEIVING**  
**ALS GROUP USA, CORP**  
**10450 STANCLIFF ROAD**  
**SUITE 210**  
**HOUSTON TX 77099**  
(281) 530-5656  
**REF: 110721 12663281 INDIAN BASIN**

RMA: ||| ||| |||



**FedEx Express**

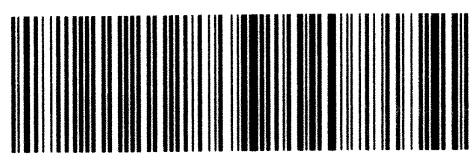


**FedEx**  
TRK# 4345 8805 3439  
0221

**WED - 03 DEC 5:00P**  
**STANDARD OVERNIGHT**

**AB SGRA**

77099  
TX-US IAH



# APPENDIX D

## Laboratory Data Validation Report





# Data Verification Report

January 05, 2026

|                     |  |                    |                      |
|---------------------|--|--------------------|----------------------|
| <b>To</b>           | Hugh Robotham [hugh.robatham@arcadis.com]  | <b>Project No.</b> | 12663281             |
| <b>Copy to</b>      | Trudy Rodriquez [trudy.rodriquez@arcadis.com],<br>Kristen Anders   | <b>DVR No.</b>     | 02                   |
| <b>From</b>         | Julie Lundie/eew   | <b>Contact No.</b> | 716-242-6946         |
| <b>Project Name</b> | GSHDM: Indian Basin Data Mgmt.   | <b>Email</b>       | Julie.Lundie@ghd.com |
| <b>Subject</b>      | Analytical Results and Data Verification<br>Annual Groundwater Monitoring<br>Glenn Springs Holdings, Inc.<br>Indian Basin, New Mexico<br>December 2025 |                    |                      |

*The services undertaken by GHD in connection with preparing this report were limited to those specifically detailed in the report and are subject to the scope limitations set out in the report.*

## 1. Introduction

This document details a data verification of analytical results for a groundwater sample collected in support of the Annual Groundwater Monitoring at the Indian Basin site during December 2025. The sample was submitted to ALS Global located in Houston, Texas. A sample collection and analysis summary is presented in Table 1. The validated analytical results are summarized in Table 2. A summary of the analytical methodology is presented in Table 3.

Standard GHD report deliverables were submitted by the laboratory. The final results and supporting quality assurance/quality control (QA/QC) data were assessed. Evaluation of the data was based on information obtained from the chain of custody form, finished report form, method blank data, duplicate data, recovery data from surrogate spikes/laboratory control samples (LCS)/matrix spikes (MS), and field QA/QC data.

The QA/QC criteria by which these data have been assessed are outlined in the analytical methods referenced in Table 3 and applicable guidance from the documents entitled:

1. "National Functional Guidelines for Organic Superfund Methods Data Review", United States Environmental Protection Agency (USEPA) 540-R-20-005, November 2020.
2. "National Functional Guidelines for Inorganic Superfund Methods Data Review", USEPA 542-R-20-006, November 2020.

These items will subsequently be referred to as the "Guidelines" in this report.

## 2. Sample Holding Time and Preservation

The sample holding time criteria the analyses are summarized in Table 3. The sample chain of custody document and analytical report were used to determine sample holding times. The sample was analyzed within the required holding times.

The sample was properly preserved, delivered on ice, and stored by the laboratory at the required temperature (0-6°C).

## 3. Laboratory Method Blank Analyses

Method blanks are prepared from a purified matrix and analyzed with investigative samples to determine the existence and magnitude of sample contamination introduced during the analytical procedures.

For this study, laboratory method blanks were analyzed at a minimum frequency of one per analytical batch.

All method blank results were non-detect, indicating that laboratory contamination was not a factor for this investigation.

## 4. Surrogate Spike Recoveries - Organic Analyses

In accordance with the methods employed, all samples, blanks, and QC samples analyzed for organics are spiked with surrogate compounds prior to sample analysis. Surrogate recoveries provide a means to evaluate the effects of laboratory performance on individual sample matrices.

The sample which was submitted for volatile organic compound (VOC) determinations was spiked with the appropriate number of surrogate compounds prior to sample analysis.

Surrogate recoveries were assessed against laboratory control limits. All surrogate recoveries were within the laboratory control limits.

## 5. Laboratory Control Sample Analyses

LCS or LCS/laboratory control sample duplicates (LCSD) are prepared and analyzed as samples to assess the analytical efficiencies of the methods employed, independent of sample matrix effects. The relative percent difference (RPD) of the LCS/LCSD recoveries is used to evaluate analytical precision.

For this study, LCS or LCS/LCSD were analyzed at a minimum frequency of one per analytical batch.

### Organic Analyses

The LCS and LCS/LCSD contained all compounds of interest. All LCS recoveries and RPDs were within the laboratory control limits, demonstrating acceptable analytical accuracy and precision (where applicable).

### Inorganic Analyses

The LCS contained all analytes of interest. LCS recoveries were assessed per the "Guidelines" using the laboratory control limits. All LCS recoveries were within the control limits, demonstrating acceptable analytical accuracy.

## 6. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analyses

To evaluate the effects of sample matrices on the preparation process, measurement procedures, and accuracy of a particular analysis, samples are spiked with a known concentration of the analyte of concern and analyzed as MS/MSD samples. The RPD between the MS and MSD is used to assess analytical precision.

MS/MSD analyses were performed as specified in Table 1.

The MS/MSD samples were spiked with the analyte of interest, and the results were evaluated per the "Guidelines" using the laboratory control limits. All percent recoveries and the RPD value were within the control limits, demonstrating acceptable analytical accuracy and precision.

## 7. Duplicate Sample Analyses – Inorganic Analyses

Analytical precision is evaluated based on the analysis of laboratory duplicate samples. For this study, duplicate samples were prepared and analyzed by the laboratory for total dissolved solids analyses as specified in Table 1. The duplicate results were evaluated per the "Guidelines" using the laboratory control limits.

All duplicate analyses performed met the above criteria demonstrating acceptable analytical precision.

## 8. Field QA/QC Samples

The field QA/QC consisted of one trip blank sample.

To evaluate contamination from sample collection, transportation, storage, and analytical activities, one trip blank sample was submitted to the laboratory for VOC analysis. All results were non-detect for the compounds of interest.


## 9. Analyte Reporting

The laboratory reported detected results down to the laboratory's sample-specific method detection limit (MDL) for each analyte. No positive analyte detections less than the RL but greater than the sample-specific MDL were reported. Non-detect results were presented as non-detect at the RL in Table 2.

## 10. Conclusion

Based on the assessment detailed in the foregoing, the data summarized in Table 2 are acceptable without qualification.

Regards,



**Julie Lundie**  
Chemistry Data Validator/Analytical Coordinator

**Table 1**

**Sample Collection and Analysis Summary  
Annual Groundwater Monitoring  
Glenn Springs Holdings, Inc.  
Indian Basin, New Mexico  
December 2025**

| Sample Identification | Location | Matrix      | Collection Date<br>(mm/dd/yyyy) | Collection Time<br>(hr:min) | Analysis/Parameters |          |     | Comments    |
|-----------------------|----------|-------------|---------------------------------|-----------------------------|---------------------|----------|-----|-------------|
|                       |          |             |                                 |                             | VOCs                | Chloride | TDS |             |
| MW-127                | MW-127   | Groundwater | 12/02/2025                      | 13:10                       | X                   | X        | X   | DUP; MS/MSD |
| Trip Blank            | -        | Water       | 12/02/2025                      | -                           |                     |          |     | Trip Blank  |

Notes:

MS/MS - Matrix Spike/Matrix Spike Duplicate

VOCs - Volatile Organic Compounds

TDS - Total Dissolved Solids

DUP - Laboratory Duplicate

- - Not applicable

Table 2

**Analytical Results Summary  
Annual Groundwater Monitoring  
Glenn Springs Holdings, Inc.  
Indian Basin, New Mexico  
December 2025**

**Location ID:** MW-127  
**Sample Name:** MW-127  
**Sample Date:** 12/02/2025

| <b>Parameters</b>                 | <b>Unit</b> |       |
|-----------------------------------|-------------|-------|
| <b>Volatile Organic Compounds</b> |             |       |
| Benzene                           | µg/L        | 1.0 U |
| Ethylbenzene                      | µg/L        | 2.0 U |
| Toluene                           | µg/L        | 2.0 U |
| Xylenes (total)                   | µg/L        | 6.0 U |
| <b>General Chemistry</b>          |             |       |
| Chloride                          | mg/L        | 8.70  |
| Total dissolved solids (TDS)      | mg/L        | 772   |

Notes:

U - Not detected at the associated reporting limit

**Table 3**

**Analytical Methods  
Annual Groundwater Monitoring  
Glenn Springs Holdings, Inc.  
Indian Basin, New Mexico  
December 2025**

| <b>Parameter</b>                  | <b>Method</b> | <b>Matrix</b> | <b><u>Holding Time</u><br/>Collection to<br/>Analysis<br/>(Days)</b> |
|-----------------------------------|---------------|---------------|--|
| Volatile Organic Compounds (VOCs) | SW-846 8260C  | Groundwater   | 14   |
| Chloride                          | EPA 300.0     | Groundwater   | 28   |
| Total Dissolved Solids (TDS)      | SM 2540C      | Groundwater   | 7  |

Method References:

- SW-846 - "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition, 1986, with subsequent revisions
- EPA - "Methods for Chemical Analysis of Water and Waste," EPA-600/4-79-020, revised March 1983, with subsequent revisions
- SM - "Standard Methods for the Examination of Water and Wastewater", 18th Edition, 1992, with subsequent revisions.



# Data Verification Report

August 15, 2025

|                     |  |                    |                        |
|---------------------|--|--------------------|------------------------|
| <b>To</b>           | Hugh Robotham (hugh.robotham@arcadis.com)  | <b>Project No.</b> | 12663281               |
| <b>Copy to</b>      | Trudy Rodriquez (trudy.rodriquez@arcadis.com)  | <b>DVR No.</b>     | 1                      |
| <b>From</b>         | Kristen Anders/cs  | <b>Contact No.</b> | 720-245-2750           |
| <b>Project Name</b> | GSHDM: Indian Basin Data Mgmt.   | <b>Email</b>       | Kristen.Anders@ghd.com |
| <b>Subject</b>      | Analytical Results and Data Verification<br>Annual Groundwater Monitoring<br>Glenn Springs Holdings, Inc.<br>Indian Basin, New Mexico<br>July 2025 |                    |                        |

*The services undertaken by GHD in connection with preparing this report were limited to those specifically detailed in the report and are subject to the scope limitations set out in the report.*

## 1. Introduction

This document details a data verification of analytical results for groundwater samples collected in support of the Annual Groundwater Monitoring at the Indian Basin site during July 2025. Samples were submitted to ALS Global located in Houston, Texas. A sample collection and analysis summary is presented in Table 1. The validated analytical results are summarized in Table 2. A summary of the analytical methodology is presented in Table 3.

Standard GHD report deliverables were submitted by the laboratory. The final results and supporting quality assurance/quality control (QA/QC) data were assessed. Evaluation of the data was based on information obtained from the chain of custody form, finished report form, method blank data, recovery data from surrogate spikes/laboratory control samples (LCS)/matrix spikes (MS), and field QA/QC data.

The QA/QC criteria by which these data have been assessed are outlined in the analytical methods referenced in Table 3 and applicable guidance from the documents entitled:

1. "National Functional Guidelines for Organic Superfund Methods Data Review", United States Environmental Protection Agency (USEPA) 540-R-20-005, November 2020.
2. "National Functional Guidelines for Inorganic Superfund Methods Data Review", USEPA 542-R-20-006, November 2020.

These items will subsequently be referred to as the "Guidelines" in this report.

## 2. Sample Holding Time and Preservation

The sample holding time criteria the analyses are summarized in Table 3. The sample chain of custody document and analytical report were used to determine sample holding times. All samples were analyzed within the required holding times.

All samples were properly preserved, delivered on ice, and stored by the laboratory at the required temperature (0-6°C). All three vials for volatile organic compound (VOC) analysis for sample MW-49 were received with notable headspace. All associated results were qualified as estimated (see Table 4).

## 3. Laboratory Method Blank Analyses

Method blanks are prepared from a purified matrix and analyzed with investigative samples to determine the existence and magnitude of sample contamination introduced during the analytical procedures.

For this study, laboratory method blanks were analyzed at a minimum frequency of one per analytical batch.

All method blank results were non-detect, indicating that laboratory contamination was not a factor for this investigation.

## 4. Surrogate Spike Recoveries - Organic Analyses

In accordance with the methods employed, all samples, blanks, and QC samples analyzed for organics are spiked with surrogate compounds prior to sample analysis. Surrogate recoveries provide a means to evaluate the effects of laboratory performance on individual sample matrices.

All samples submitted for VOC determinations were spiked with the appropriate number of surrogate compounds prior to sample analysis.

Surrogate recoveries were assessed against laboratory control limits. All surrogate recoveries were within the laboratory control limits.

## 5. Laboratory Control Sample Analyses

LCS or LCS/laboratory control sample duplicates (LCSD) are prepared and analyzed as samples to assess the analytical efficiencies of the methods employed, independent of sample matrix effects. The relative percent difference (RPD) of the LCS/LCSD recoveries is used to evaluate analytical precision.

For this study, LCS or LCS/LCSD were analyzed at a minimum frequency of one per analytical batch.

### Organic Analyses

The LCS and LCS/LCSD contained all compounds of interest. All LCS recoveries and RPDs were within the laboratory control limits, demonstrating acceptable analytical accuracy and precision (where applicable).

### Inorganic Analyses

The LCS contained all analytes of interest. LCS recoveries were assessed per the "Guidelines" using the laboratory control limits. All LCS recoveries were within the control limits, demonstrating acceptable analytical accuracy.

## 6. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analyses

To evaluate the effects of sample matrices on the preparation process, measurement procedures, and accuracy of a particular analysis, samples are spiked with a known concentration of the analyte of concern and analyzed as MS/MSD samples. The relative percent difference (RPD) between the MS and MSD is used to assess analytical precision.

MS/MSD analyses were performed as specified in Table 1.

The MS/MSD samples were spiked with the analyte of interest, and the results were evaluated per the "Guidelines" using the laboratory control limits. All percent recoveries and the RPD value were within the control limits, demonstrating acceptable analytical accuracy and precision.

## 7. Field QA/QC Samples

The field QA/QC consisted of one trip blank sample.

To evaluate contamination from sample collection, transportation, storage, and analytical activities, one trip blank sample was submitted to the laboratory for VOC analysis. All results were non-detect for the compounds of interest.

## 8. Analyte Reporting

The laboratory reported detected results down to the laboratory's sample-specific method detection limit (MDL) for each analyte. No positive analyte detections less than the RL but greater than the sample-specific MDL were reported. Non-detect results were presented as non-detect at the RL in Table 2.

## 9. Conclusion

Based on the assessment detailed in the foregoing, the data summarized in Table 2 are acceptable with the specific qualifications noted herein.

Regards,



**Kristen Anders**  
Chemistry Data Validator/Analytical Coordinator

Table 1

**Sample Collection and Analysis Summary  
Annual Groundwater Monitoring  
Glenn Springs Holdings, Inc.  
Indian Basin, New Mexico  
July 2025**

| Sample Identification | Location | Matrix      | Collection Date (mm/dd/yyyy) | Collection Time (hr:min) | Analysis/Parameters |          |     | Comments   |
|-----------------------|----------|-------------|------------------------------|--------------------------|---------------------|----------|-----|------------|
|                       |          |             |                              |                          | VOCs                | Chloride | TDS |            |
| DUP-01                | MW-111   | Groundwater | 07/23/2025                   | 18:15                    | X                   | X        | X   |            |
| MW-106                | MW-106   | Groundwater | 07/22/2025                   | 12:25                    | X                   | X        | X   |            |
| MW-111                | MW-111   | Groundwater | 07/22/2025                   | 18:10                    | X                   | X        | X   |            |
| MW-45                 | MW-45    | Groundwater | 07/23/2025                   | 15:35                    | X                   | X        | X   |            |
| MW-49                 | MW-49    | Groundwater | 07/23/2025                   | 17:50                    | X                   | X        | X   |            |
| MW-66                 | MW-66    | Groundwater | 07/23/2025                   | 13:35                    | X                   | X        | X   |            |
| MW-70                 | MW-70    | Groundwater | 07/22/2025                   | 10:20                    | X                   | X        | X   | MS/MSD     |
| MW-77                 | MW-77    | Groundwater | 07/22/2025                   | 13:45                    |                     | X        | X   |            |
| MW-88                 | MW-88    | Groundwater | 07/23/2025                   | 19:45                    | X                   | X        | X   |            |
| Trip Blank            | -        | Water       | 07/23/2025                   | -                        | X                   |          |     | Trip Blank |

Notes:

- MS/MSD - Matrix Spike/Matrix Spike Duplicate
- VOCs - Volatile Organic Compounds
- TDS - Total Dissolved Solids
- - Not applicable

Table 2

**Analytical Results Summary  
Annual Groundwater Monitoring  
Glenn Springs Holdings, Inc.  
Indian Basin, New Mexico  
July 2025**

| Location ID: | MW-45      | MW-49      | MW-66      | MW-70      | MW-77      | MW-88      | MW-106     | MW-111     | MW-111     |
|--------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Sample Name: | MW-45      | MW-49      | MW-66      | MW-70      | MW-77      | MW-88      | MW-106     | MW-111     | DUP-01     |
| Sample Date: | 07/23/2025 | 07/23/2025 | 07/23/2025 | 07/22/2025 | 07/22/2025 | 07/23/2025 | 07/22/2025 | 07/22/2025 | 07/23/2025 |

| Parameters                        | Unit | MW-45 | MW-49  | MW-66 | MW-70 | MW-77 | MW-88 | MW-106 | MW-111 | MW-111 |
|-----------------------------------|------|-------|--------|-------|-------|-------|-------|--------|--------|--------|
| <b>Volatile Organic Compounds</b> |      |       |        |       |       |       |       |        |        |        |
| Benzene                           | µg/L | 1.0 U | 1.0 UJ | 1.0 U | 1.0 U | --    | 1.0 U | 1.0 U  | 1.0 U  | 1.0 U  |
| Ethylbenzene                      | µg/L | 2.0 U | 2.0 UJ | 2.0 U | 2.0 U | --    | 2.0 U | 2.0 U  | 2.0 U  | 2.0 U  |
| Toluene                           | µg/L | 2.0 U | 2.0 UJ | 2.0 U | 2.0 U | --    | 2.0 U | 2.0 U  | 2.0 U  | 2.0 U  |
| Xylenes (total)                   | µg/L | 6.0 U | 6.0 UJ | 6.0 U | 6.0 U | --    | 6.0 U | 6.0 U  | 6.0 U  | 6.0 U  |
| <b>General Chemistry</b>          |      |       |        |       |       |       |       |        |        |        |
| Chloride                          | mg/L | 498   | 292    | 8.64  | 10.4  | 52.8  | 27.4  | 4.31   | 34.2   | 36.9   |
| Total dissolved solids (TDS)      | mg/L | 10100 | 4100   | 752   | 370   | 660   | 916   | 258    | 648    | 716    |

Notes:

U - Not detected at the associated reporting limit

--" - Not analyzed

UJ - Not detected; associated reporting limit is estimated

**Table 3**

**Analytical Methods  
Annual Groundwater Monitoring  
Glenn Springs Holdings, Inc.  
Indian Basin, New Mexico  
July 2025**

| <b>Parameter</b>                  | <b>Method</b> | <b>Matrix</b> | <b>Holding Time<br/>Collection to<br/>Analysis<br/>(Days)</b> |
|-----------------------------------|---------------|---------------|---|
| Volatile Organic Compounds (VOCs) | SW-846 8260C  | Groundwater   | 14  |
| Anions                            | EPA 300.0     | Groundwater   | 28  |
| Total Dissolved Solids (TDS)      | SM 2540C      | Groundwater   | 7   |

Method References:

- SW-846 - "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition, 1986, with subsequent revisions
- EPA - "Methods for Chemical Analysis of Water and Waste," EPA-600/4-79-020, revised March 1983, with subsequent revisions
- SM - "Standard Methods for the Examination of Water and Wastewater", 18th Edition, 1992, with subsequent revisions.

**Table 4**

**Qualified Sample Data Due to Insufficient Sample Preservation - Headspace  
Annual Groundwater Monitoring  
Glenn Springs Holdings, Inc.  
Indian Basin, New Mexico  
July 2025**

| <b>Parameter</b> | <b>Sample ID</b> | <b>Analyte</b>  | <b>Qualified Result</b> | <b>Units</b> |
|------------------|------------------|-----------------|-------------------------|--------------|
| VOCs             | MW-49            | Benzene         | 1.0 UJ                  | µg/L         |
|                  |                  | Ethylbenzene    | 2.0 UJ                  | µg/L         |
|                  |                  | Toluene         | 2.0 UJ                  | µg/L         |
|                  |                  | Xylenes (total) | 6.0 UJ                  | µg/L         |

Notes:

- UJ - Not detected; associated reporting limit is estimated
- VOCs - Volatile Organic Compounds

# APPENDIX E

## NMOCD Correspondence





# New Mexico Energy, Minerals and Natural Resources Department

**Bill Richardson**  
Governor

**Joanna Prukop**  
Cabinet Secretary  
**Reese Fullerton**  
Deputy Cabinet Secretary

**Mark Fesmire**  
Division Director  
Oil Conservation Division



February 20, 2009

M. Paul Peacock  
Marathon Oil Company  
P.O. Box 3128  
Houston, TX 77253-3128

**RE: Indian Basin Remediation Project Report and Proposed Well Plugging Request  
for the Marathon's Indian Basin Gas Plant (GW-21)  
Eddy County, New Mexico**

Dear Mr. Peacock:

The New Mexico Oil Conservation Division (OCD) has reviewed Marathon's report, Evaluation of Natural Attenuation, Indian Basin Remediation Project [IBRP], Eddy County, New Mexico, dated May 12, 2008, and Proposed IBRP Well Plugging Program [Request], dated February 5, 2009. The report and request are substantially acceptable to the OCD. Therefore, the OCD hereby conditionally approves the discontinuance of active remediation at the above-referenced site.

However, at least annual groundwater monitoring for BTEX, TDS and chloride at the 13 proposed wells as specified in the Well Plugging Request plus at an additional two groundwater monitoring wells, MW-81 and MW-113, for a total of 15 wells must continue unless otherwise approved by the OCD. Also, at least semi-annually gauging of depth to groundwater and non-aqueous phase liquid thickness at these 15 wells must continue unless otherwise approved by the OCD. Marathon must continue to submit an annual groundwater monitoring report to the OCD unless otherwise approved by the OCD.

In addition, the material used to plug the 98 (the 100 proposed minus the 2 rejected) groundwater monitoring wells as specified in the Request must be a cement grout with 1% to 3% bentonite. Please submit to the OCD a final plugging report within 180 days of receipt of this letter.

---

Oil Conservation Division \* 1220 South St. Francis Drive  
\* Santa Fe, New Mexico 87505  
\* Phone: (505) 476-3440 \* Fax (505) 476-3462\* <http://www.emnrd.state.nm.us>

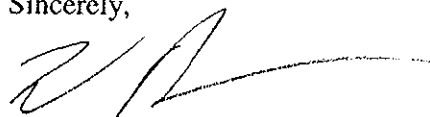


M. Paul Peacock  
GW-21  
February 20, 2009  
Page 2

Please be advised that OCD approval of this report and request does not relieve the owner/operator of responsibility should operations pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the owner/operator of responsibility for compliance with any OCD, federal, state, or local laws and/or regulations.

Thank you for your cooperation in this matter. If you have any questions regarding this matter, please contact Edward Hansen of my staff at 505-476-3489 or [edwardj.hansen@state.nm.us](mailto:edwardj.hansen@state.nm.us).

Sincerely,



Wayne Price  
Environmental Bureau Chief

WP:EJH:ejh

cc: OCD; Artesia District Office  
Terry Persaud, P.E., Marathon Oil Company, P.O. Box 3128, Houston, TX 77253-3128

---

**From:** Hansen, Edward J., EMNRD [mailto:edwardj.hansen@state.nm.us]  
**Sent:** Wednesday, June 17, 2009 12:42 PM  
**To:** Persaud, Terry  
**Cc:** Caudill, Ted L.; Kurki, Vijay K.; Newman, Dennis (Houston); alan.reed@arcadis-us.com; Lowe, Leonard, EMNRD  
**Subject:** GW-21 Plugging Report Approval

**RE: "Indian Basin Remediation Project Monitoring Well Plugging Report"  
for the Marathon's (now OXY's)  
Indian Basin Gas Plant (GW-21)  
Unit Letter G, Section 23, T21S, R23E, NMPM, Eddy County, New Mexico  
Plugging Report Approval**

Dear Mr. Persaud:

The New Mexico Oil Conservation Division (OCD) has received the groundwater monitoring well plugging report for the Indian Basin Gas Plant (GW-21), dated June 11, 2009, and has conducted a review of the report. The plugging report, submitted for the above-referenced site, indicates that Marathon has met the plugging requirements. Therefore, the OCD hereby approves the plugging report. However, the OCD is anticipating the 2009 annual groundwater monitoring report for the remaining 15 monitoring wells this month.

Please be advised that OCD approval of this report does not relieve the owner/operator of responsibility should operations pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the owner/operator of responsibility for compliance with any OCD, federal, state, or local laws and/or regulations.

If you have any questions regarding this matter, please contact me at 505-476-3489.

Edward J. Hansen  
Hydrologist  
Environmental Bureau

Confidentiality Notice: This e-mail, including all attachments is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure or distribution is prohibited unless specifically provided under the New Mexico Inspection of Public Records Act. If you are not the intended recipient, please contact the sender and destroy all copies of this message. -- This email has been scanned by the Sybari - Antigen Email System.



Arcadis U.S., Inc.

1004 North Big Spring Street

Suite 121

Midland, Texas 79701

Tel 432 687 5400

Fax 432 687 5401

[www.arcadis.com](http://www.arcadis.com)

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

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

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

CONDITIONS

Action 592003

**CONDITIONS**

|  |  |
|--|--|
| Operator:<br>OXY USA INC<br>P.O. Box 4294<br>Houston, TX 772104294 | OGRID:<br>16696  |
|  | Action Number:<br>592003   |
|  | Action Type:<br>[UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT) |

**CONDITIONS**

| Created By  | Condition  | Condition Date |
|-------------|--|----------------|
| owen.sitler | 2025 Annual Groundwater Monitoring Report submission | 6/4/2026       |