



SITE INFORMATION

Work Plan
Pitchfork Compressor Station
Incident ID: NAPP2501557773
Lea County, New Mexico
Unit G Sec 06 T25S R34E
32.162972°, -103.506333°

Produced Water Release
Point of Release: Human error on pipeline
Release Date: 12/30/2024
Volume Released: 559 Barrels of Produced Water
Volume Recovered: 540 Barrels of Produced Water

CARMONA RESOURCES



Prepared for:
EOG Resources
5509 Champions Drive
Midland, TX 79706

Prepared by:
Carmona Resources, LLC
310 West Wall Street
Suite 500
Midland, Texas 79701



TABLE OF CONTENTS

1.0 SITE INFORMATION AND BACKGROUND

2.0 SITE CHARACTERIZATION AND GROUNDWATER

3.0 NMAC REGULATORY CRITERIA

4.0 SITE ASSESSMENT ACTIVITIES

5.0 PROPOSED WORK PLAN

6.0 CONCLUSIONS

FIGURES

FIGURE 1 OVERVIEW

FIGURE 2 TOPOGRAPHIC

FIGURE 3 SAMPLE LOCATION OVERVIEW FIGURES 4A-4B PROPOSED EXCAVATION

FIGURE 5 RECLAMATION

APPENDICES

APPENDIX A TABLE

APPENDIX B PHOTOS

APPENDIX C NOTICE OF RELEASE (N.O.R)

APPENDIX D SITE CHARACTERIZATION AND GROUNDWATER

APPENDIX E LABORATORY REPORTS

APPENDIX F RECLAMATION CRITERIA



March 11, 2025

New Mexico Oil Conservation Division
1220 South St., Francis Drive
Santa Fe, NM 87505

**Re: Work Plan
Pitchfork Compressor Station
EOG Resources, Inc
Incident # NAPP2501557773
Site Location: Unit G, S06, T25S, R34E
(Lat 32.162972°, Long -103.506333°)
Lea County, New Mexico**

To Whom It May Concern:

On behalf of EOG Resources, Inc. (EOG), Carmona Resources, LLC has prepared this letter to document site activities for the Pitchfork Compressor Station. The site is located at 32.162972°, -103.506333° within Unit G, S06, T25S, R34E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the Notification of Release obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on December 30, 2024, caused by human error on a pipeline installation. It resulted in the release of five hundred fifty-nine (559) barrels of produced water, with five hundred forty (540) barrels of produced water recovered. Refer to Figure 3. The Notice of Release form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no known water sources within a 0.50-mile radius of the location. The nearest identified well is a groundwater determination bore located approximately 1.27 miles West of the site in S01, T25S, R33E and was drilled in 2023. The bore was left open for 72 hours and tagged with a water level meter. The bore showed no signs of water at a depth of 55' below the ground surface (bgs). A copy of the groundwater determination bore log is attached in Appendix D.

On February 25, 2025, Carmona Resources installed a groundwater determination bore located approximately 0.18 miles North of the release area in S06, T25S, R34E. The bore was left open for 72 hours and tagged with a water level meter. The bore indicated no signs of water at a depth of 74' below ground surface (bgs) when it was gauged on March 3, 2025. A copy of the associated bore log is attached in Appendix D.

3.0 NMAC Regulatory Criteria

Per the NMOCD regulatory criteria established in 19.15.29.12 NMAC, the following criteria were utilized in assessing the site.

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH: 1,000 mg/kg (GRO +DRO)
- TPH: 2,500 mg/kg (GRO + DRO + MRO).
- Chloride: 10,000 mg/kg.

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432.813.1992



4.0 Site Assessment Activities

Initial Assessment

Prior to the initial sampling event, a third-party contractor excavated a trench with depths ranging from 8' bgs to 10' bgs so a pipeline could be installed. On January 16, 2024, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release within the open excavation area. A total of four (4) trench samples (T-1 through T-4), eight (8) sidewall samples (SW-1 through SW-8), and eight (8) horizontals (H-1 through H-8) were advanced to depths ranging from the previously excavated bottom 8' bgs to 17' bgs inside and surrounding the release area to assess the vertical and horizontal extent of the contamination. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Cardinal Laboratories in Hobbs, New Mexico. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 4500. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

Vertical Delineation

Vertical delineation was achieved for the areas of T-1 through T-4. Refer to Table 1 for the analytical results.

Horizontal Delineation

Horizontal delineation was achieved for the areas of H-1 through H-8. However, the areas of SW-1 through SW-7 showed elevated levels of chlorides ranging from 640 mg/kg to 8,560 mg/kg. Refer to Table 1.

5.0 Proposed Work Plan

Based on the analytical data and the detected chloride concentrations, EOG proposes to remediate the areas shown in Figure 4 and highlighted (blue) in Table 1.

- The areas of T-1 and T-2 (SW-1 through SW-5) will have sidewalls extended an additional 5.0' horizontally, or until chloride concentrations <600 mg/kg, and backfilled with clean material to surface grade
- The area of T-3 will be excavated to a depth of 2.0' vertically and backfilled with clean material to surface grade.
- The area of T-4 will be excavated to a depth of 3.0' vertically and backfilled with clean material to surface grade.
- The area of T-4 (SW-6 and SW-7) will have sidewalls extended an additional 5.0' horizontally, or until chloride concentrations <600 mg/kg, and backfilled with clean material to surface grade
- An estimated 1,152 cubic yards will be removed and hauled to the nearest disposal based on maximum depth.
- A variance is requested per 19.15.29.14. EOG requests a variance per NMAC 19.15.29.12.D.1.C, to increase the five-point composite sampling frequency from 200 square feet to 400 square feet.
- Once the site activities and excavation are complete, the areas will be backfilled with clean material to surface grade and reseeded with BLM Seed Mixture #2. The seed mixture will be spread by a drill equipped with a depth regulator or a hand-held broadcaster and raked. If a hand-held broadcaster is used for dispersal, the pounds of pure live seed per acre will be doubled. Site inspections will assess the revegetation progress and evaluate the site for primary or secondary noxious weeds. If noxious weeds are identified, the BLM will be contacted to determine an effective eradication method. If the site does not show revegetation after one growing season, the area will be reseeded as appropriate. The BLM seed mixture details and corresponding pounds of pure live seed per acre are included in Appendix F. The area of pastureland to be reclaimed is

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approximately 0.22 acres. The remediation will be implemented 90 days after the work plan is approved.

- Impacted soil around oil and gas equipment, structures, or lines may not be removed during remediation activities due to safety concerns for the onsite personnel. However, EOG Resources will excavate the impacted soil to the maximum extent possible.

6.0 Conclusions

Upon completion, a final closure report describing the remediation activities will be presented to the New Mexico Oil Conservation Division (NMOCD). If you have any questions regarding this report or need additional information, please contact us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

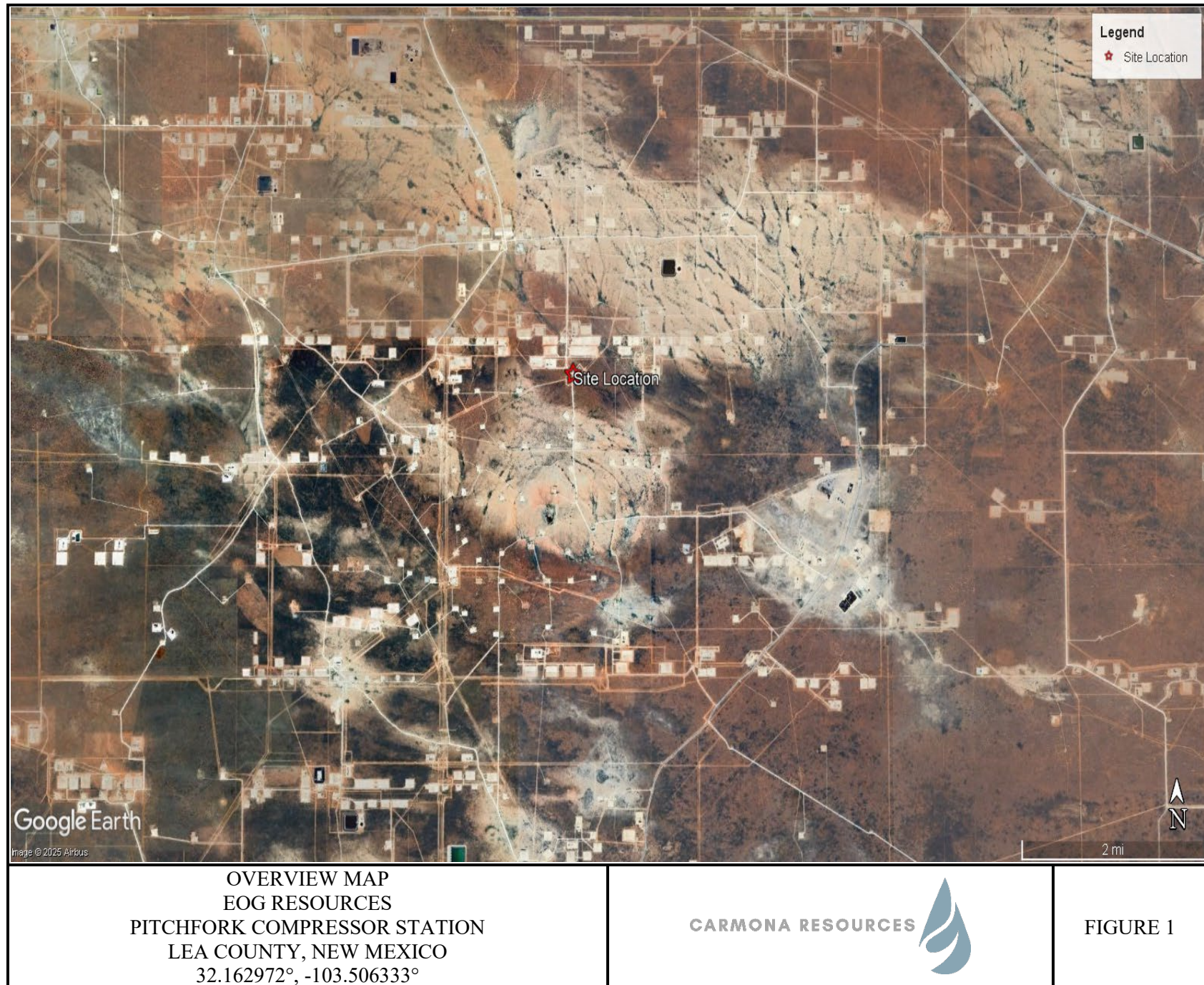
Mike Carmona
Environmental Manager

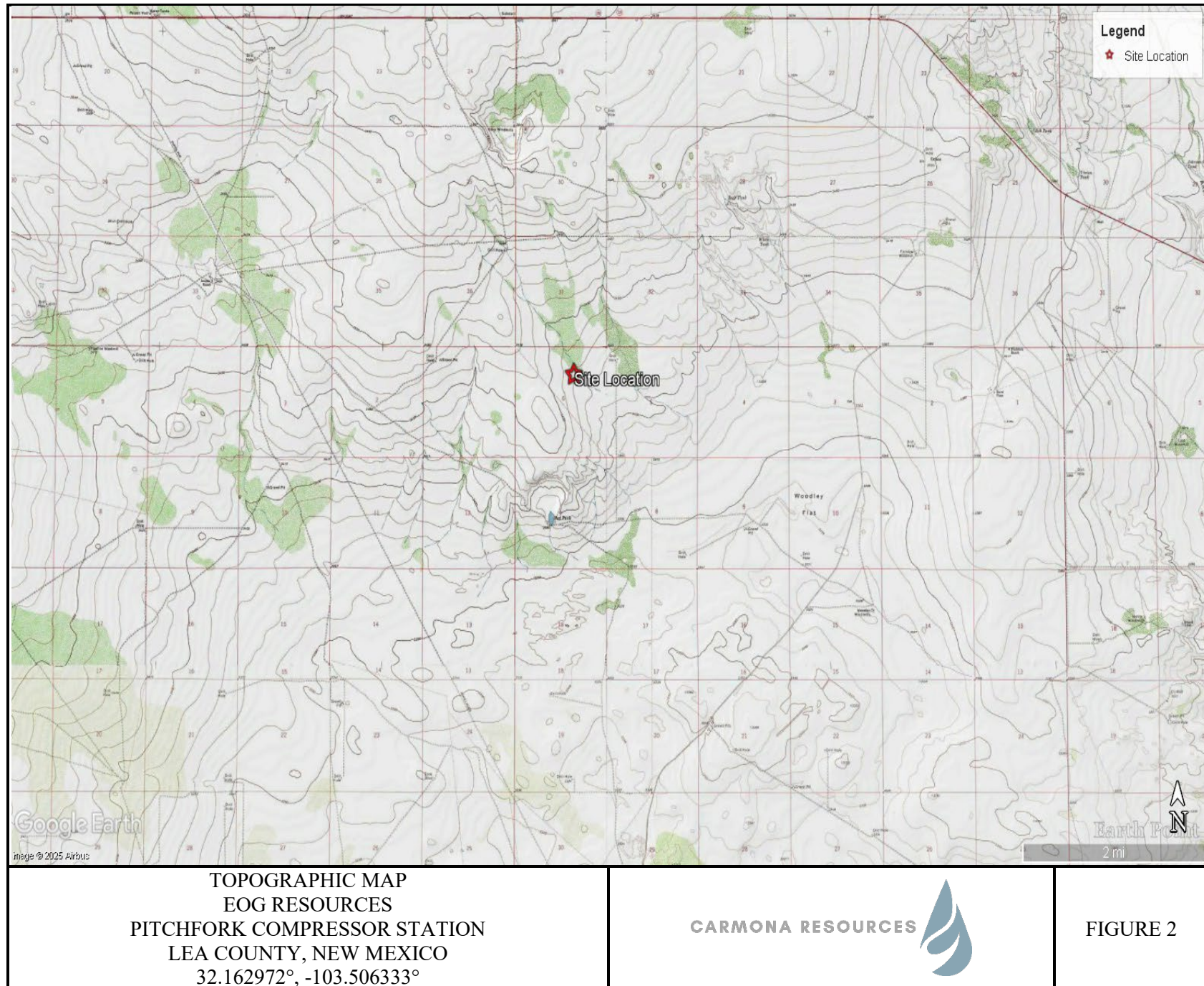
Ivan Ramos
Project Manager

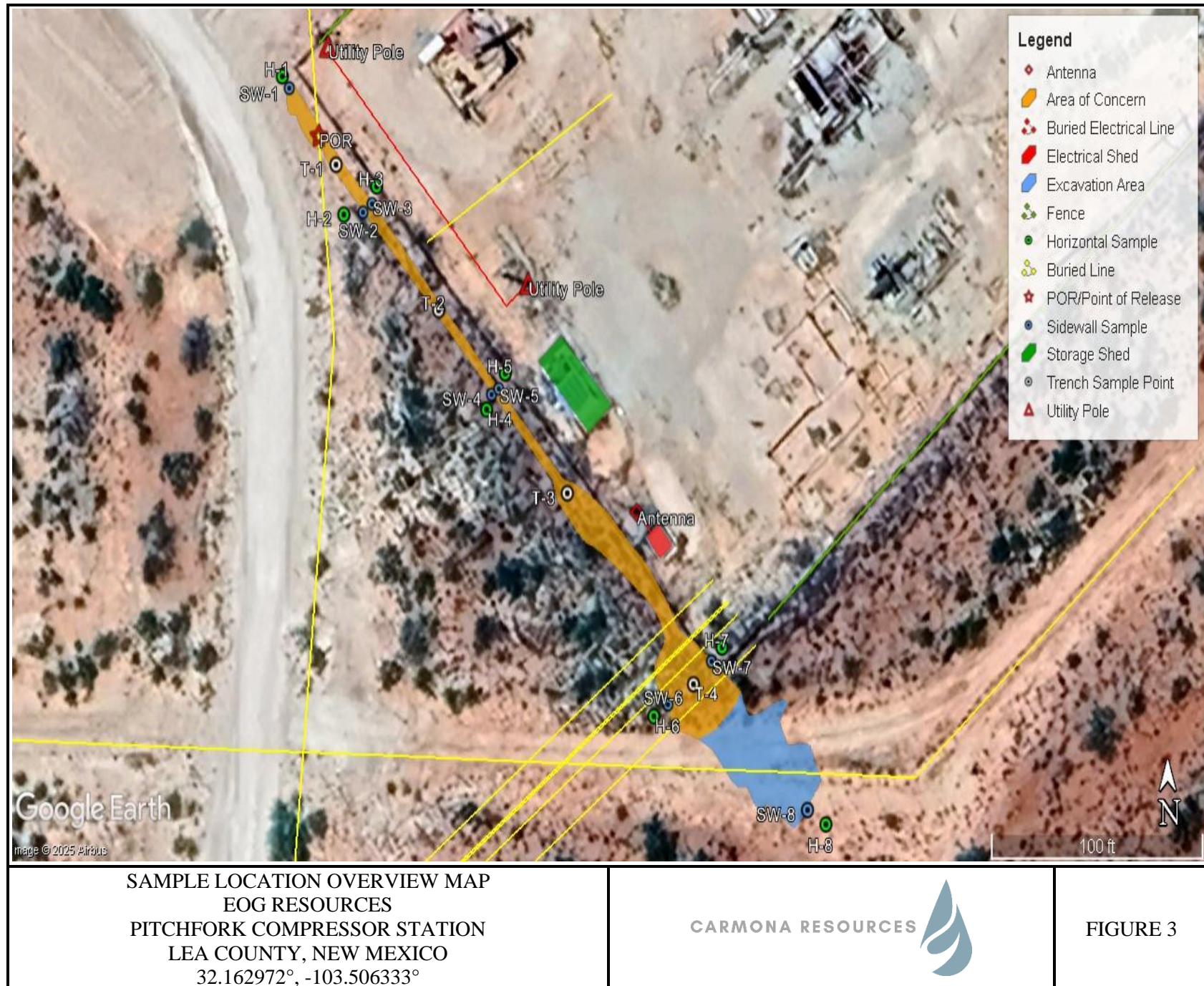
FIGURES

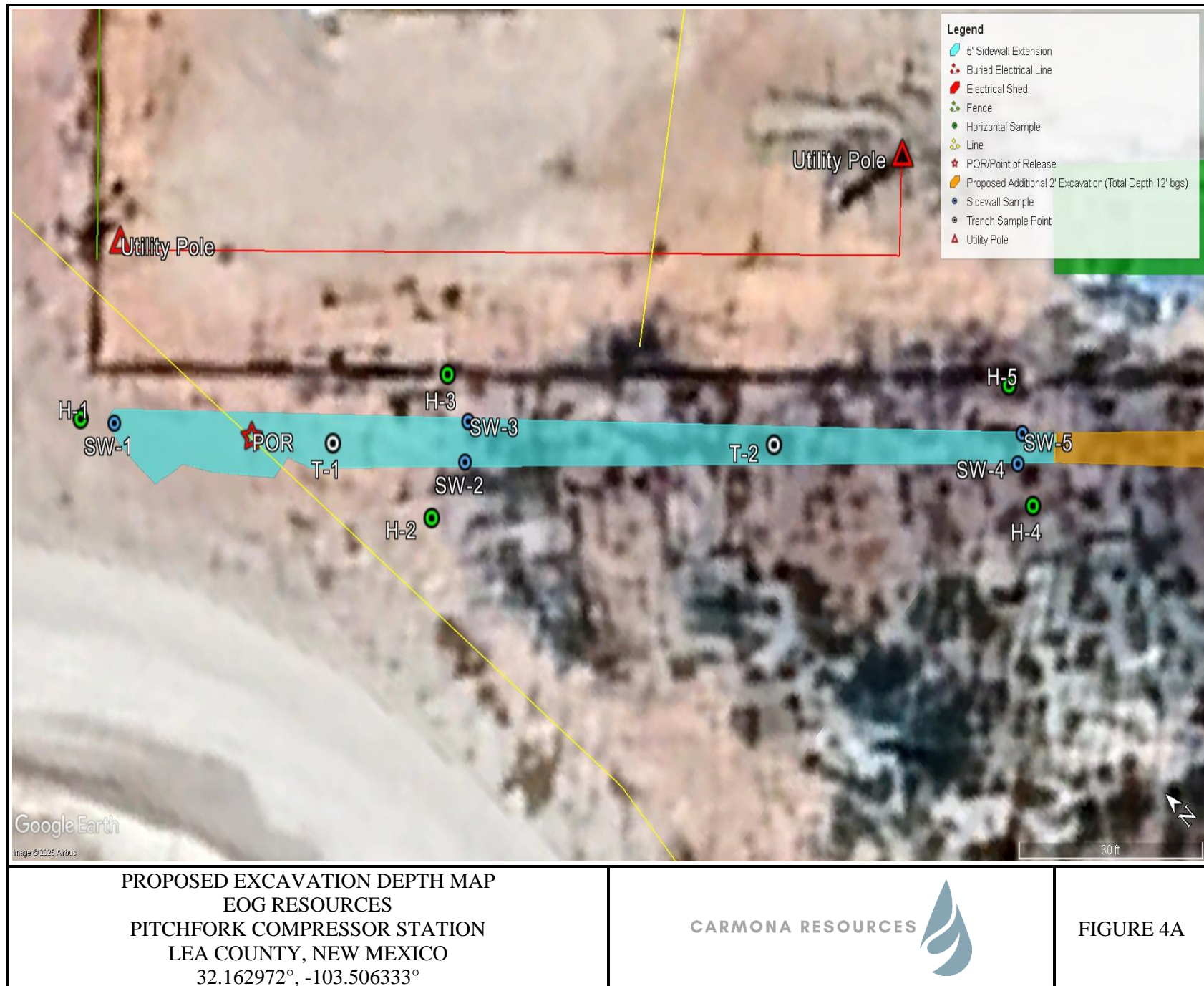
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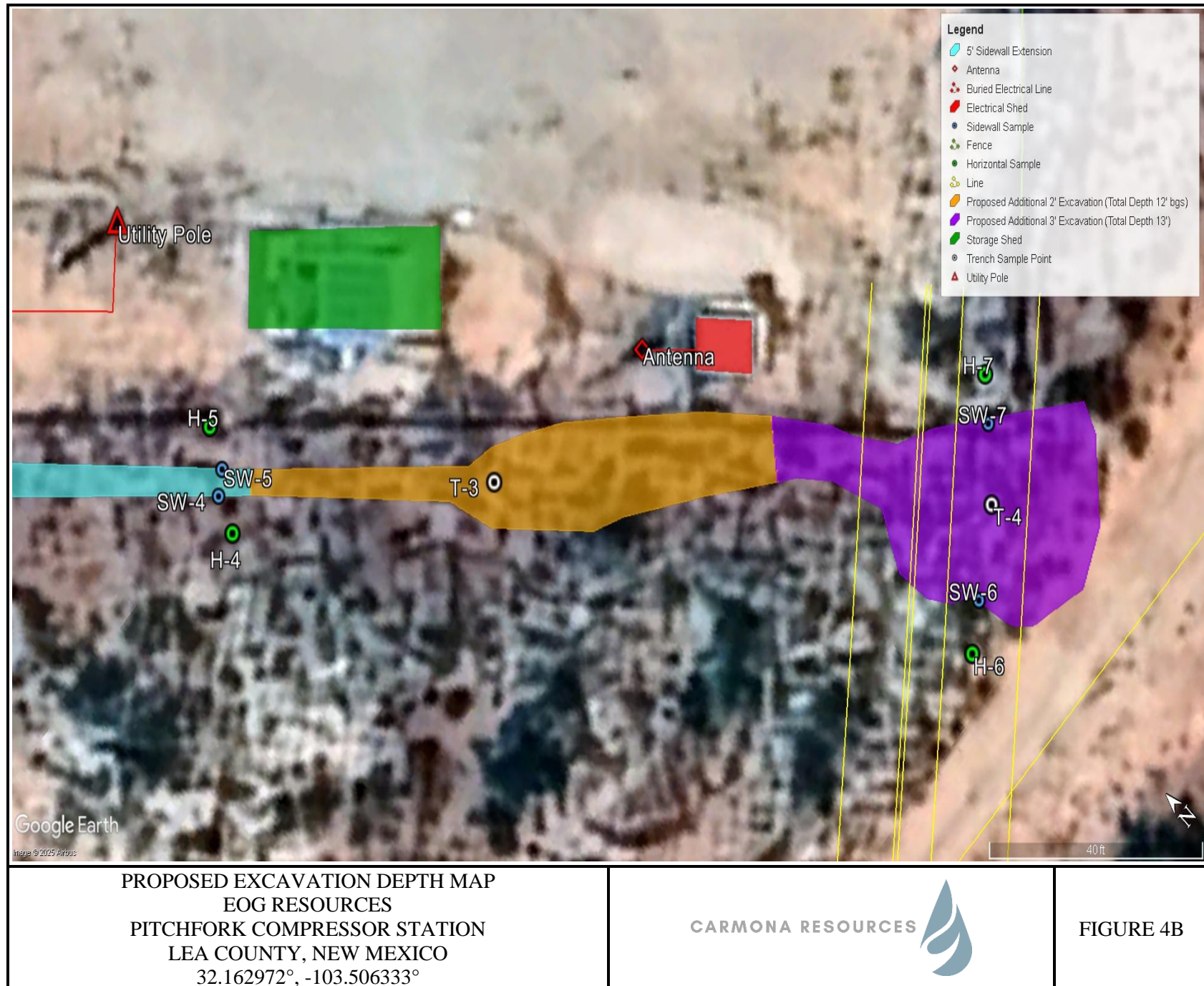














APPENDIX A

CARMONA RESOURCES



Table 1
EOG Resources
Pitchfork Compressor Station
Lea County, New Mexico

| Sample ID | Date | Depth (ft) | TPH (mg/kg) | | | | Benzene (mg/kg) | Toluene (mg/kg) | Ethlybenzene (mg/kg) | Xylene (mg/kg) | Total BTEX (mg/kg) | Chloride (mg/kg) |
|--|-----------|------------|--------------------|-------|-------|--------------------|-----------------|-----------------|----------------------|----------------|--------------------|---------------------|
| | | | GRO | DRO | MRO | Total | | | | | | |
| T-1 | 1/16/2025 | 8-9' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 2,800 |
| | " | 10' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 3,040 |
| | " | 11' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 3,120 |
| | " | 12' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 368 |
| T-2 | 1/16/2025 | 9-10' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 6,960 |
| | " | 11' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 5,120 |
| | " | 12' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 1,700 |
| | " | 13' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 768 |
| | " | 14' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 80.0 |
| T-3 | 1/16/2025 | 10-11' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 12,400 |
| | " | 12' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 544 |
| | " | 13' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 224 |
| T-4 | 1/16/2025 | 10-11' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 14,600 |
| | " | 12' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 10,600 |
| | " | 13' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 9,120 |
| | " | 14' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 2,480 |
| | " | 15' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 672 |
| | " | 16' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 1,460 |
| | " | 17' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 240 |
| Regulatory Criteria^A | | | 1,000 mg/kg | | | 2,500 mg/kg | 10 mg/kg | | | | 50 mg/kg | 10,000 mg/kg |

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(T) - Trench Sample


 Proposed Excavation

Table 1
EOG Resources
Pitchfork Compressor Station
Lea County, New Mexico

| Sample ID | Date | Depth (ft) | TPH (mg/kg) | | | | Benzene (mg/kg) | Toluene (mg/kg) | Ethlybenzene (mg/kg) | Xylene (mg/kg) | Total BTEX (mg/kg) | Chloride (mg/kg) |
|--|-----------|------------|--------------------|-------|-------|--------------------|-----------------|-----------------|----------------------|----------------|--------------------|------------------|
| | | | GRO | DRO | MRO | Total | | | | | | |
| SW-1 | 1/16/2025 | 8' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 640 |
| SW-2 | 1/16/2025 | 8' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 4,240 |
| SW-3 | 1/16/2025 | 8' | <10.0 | 28.3 | <10.0 | 28.3 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 4,320 |
| SW-4 | 1/16/2025 | 9' | 18.0 | 344 | 61.5 | 423.5 | <0.050 | <0.050 | 0.138 | 0.164 | 0.302 | 3,040 |
| SW-5 | 1/16/2025 | 9' | <10.0 | 133 | 24.4 | 157.4 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 8,560 |
| SW-6 | 1/16/2025 | 10' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 1,010 |
| SW-7 | 1/16/2025 | 10' | <10.0 | 334 | 77.0 | 411 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 4,800 |
| SW-8 | 1/16/2025 | 10' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 48.0 |
| Regulatory Criteria^A | | | 1,000 mg/kg | | | 2,500 mg/kg | 10 mg/kg | | | | 50 mg/kg | 600 mg/kg |

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons
ft-feet

(SW) - Sidewall Sample

Proposed Excavation

Table 1
EOG Resources
Pitchfork Compressor Station
Lea County, New Mexico

| Sample ID | Date | Depth (ft) | TPH (mg/kg) | | | | Benzene (mg/kg) | Toluene (mg/kg) | Ethlybenzene (mg/kg) | Xylene (mg/kg) | Total BTEX (mg/kg) | Chloride (mg/kg) |
|--|-----------|------------|--------------------|-------|-------|--------------------|-----------------|-----------------|----------------------|----------------|--------------------|---------------------|
| | | | GRO | DRO | MRO | Total | | | | | | |
| H-1 | 1/16/2025 | 0-0.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 32.0 |
| H-2 | 1/16/2025 | 0-0.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 16.0 |
| H-3 | 1/16/2025 | 0-0.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <16.0 |
| H-4 | 1/16/2025 | 0-0.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 16.0 |
| H-5 | 1/16/2025 | 0-0.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <16.0 |
| H-6 | 1/16/2025 | 0-0.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <16.0 |
| H-7 | 1/16/2025 | 0-0.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <16.0 |
| H-8 | 1/16/2025 | 0-0.5' | <10.0 | <10.0 | <10.0 | <10.0 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 16.0 |
| Regulatory Criteria^A | | | 1,000 mg/kg | | | 2,500 mg/kg | 10 mg/kg | | | | 50 mg/kg | 10,000 mg/kg |

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(H) - Horizontal Sample

APPENDIX B

CARMONA RESOURCES

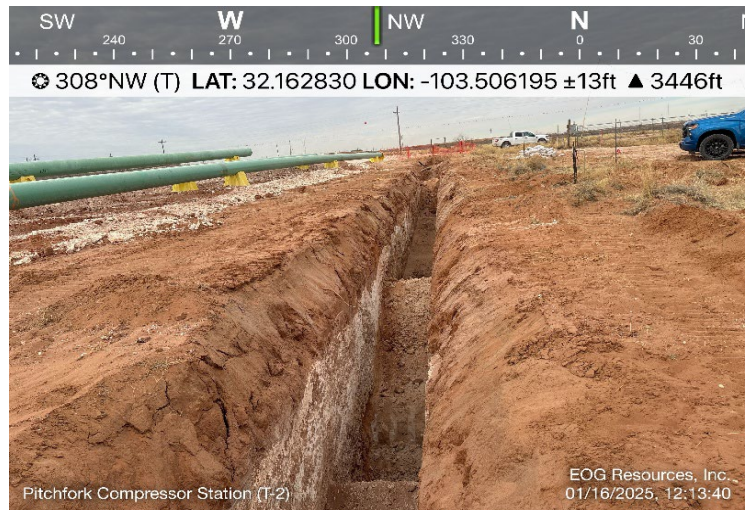


PHOTOGRAPHIC LOG**EOG Resources, Inc****Photograph No. 1****Facility:** Pitchfork Compressor Station**County:** Lea County, New Mexico**Description:**

View Northwest, area of T-1

**Photograph No. 2****Facility:** Pitchfork Compressor Station**County:** Lea County, New Mexico**Description:**

View Northwest, area of T-2

**Photograph No. 3****Facility:** Pitchfork Compressor Station**County:** Lea County, New Mexico**Description:**

View Southeast, area of T-2

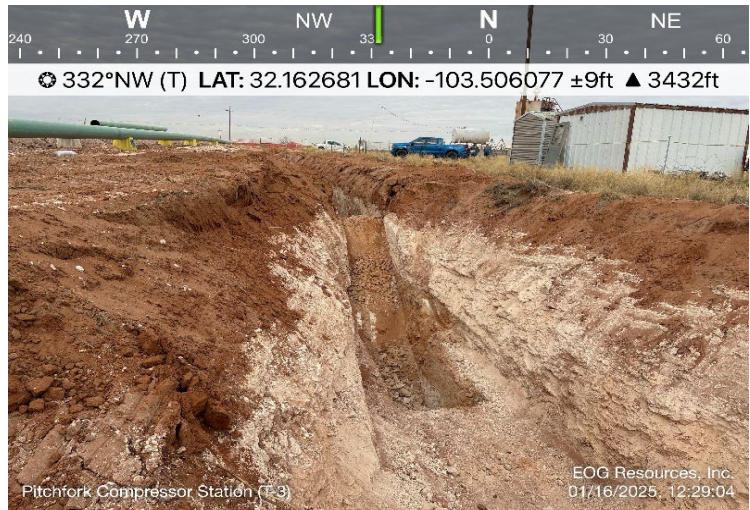


PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 4**Facility:** Pitchfork Compressor Station**County:** Lea County, New Mexico**Description:**

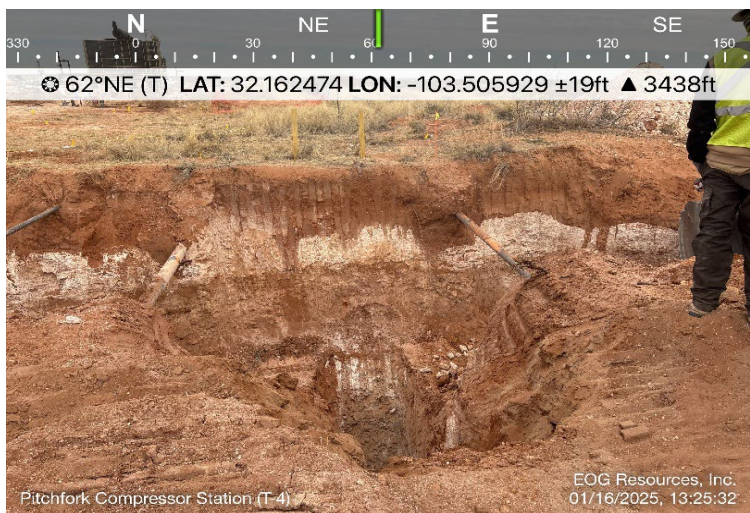
View Northwest, area of T-3

**Photograph No. 5****Facility:** Pitchfork Compressor Station**County:** Lea County, New Mexico**Description:**

View Southeast, area of T-3

**Photograph No. 6****Facility:** Pitchfork Compressor Station**County:** Lea County, New Mexico**Description:**

View Northeast, area of T-4



PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 7

Facility: Pitchfork Compressor Station

County: Lea County, New Mexico

Description:

View Southwest, area of T-4



APPENDIX C

CARMONA RESOURCES



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

QUESTIONS

Action 421302

QUESTIONS

| | |
|---|--|
| Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706 | OGRID: 7377 |
| | Action Number: 421302 |
| | Action Type: [NOTIFY] Notification Of Release (NOR) |

QUESTIONS

| | |
|--|---------------------------------------|
| Location of Release Source <i>Please answer all the questions in this group.</i> | |
| Site Name | Pitchfork Compressor Station Pipeline |
| Date Release Discovered | 12/30/2024 |
| Surface Owner | Federal |

| | |
|--|------------------------|
| Incident Details <i>Please answer all the questions in this group.</i> | |
| Incident Type | Produced Water Release |
| Did this release result in a fire or is the result of a fire | No |
| Did this release result in any injuries | No |
| Has this release reached or does it have a reasonable probability of reaching a watercourse | No |
| Has this release endangered or does it have a reasonable probability of endangering public health | No |
| Has this release substantially damaged or will it substantially damage property or the environment | No |
| Is this release of a volume that is or may with reasonable probability be detrimental to fresh water | No |

| | |
|--|---|
| Nature and Volume of Release <i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i> | |
| Crude Oil Released (bbls) Details | Not answered. |
| Produced Water Released (bbls) Details | Cause: Human Error Pipeline (Any) Produced Water Released: 559 BBL Recovered: 540 BBL Lost: 19 BBL. |
| Is the concentration of chloride in the produced water >10,000 mg/l | Yes |
| Condensate Released (bbls) Details | Not answered. |
| Natural Gas Vented (Mcf) Details | Not answered. |
| Natural Gas Flared (Mcf) Details | Not answered. |
| Other Released Details | Not answered. |
| Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts) | Not answered. |

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

QUESTIONS, Page 2

Action 421302

QUESTIONS (continued)

| | |
|---|--|
| Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706 | OGRID: 7377 |
| | Action Number: 421302 |
| | Action Type: [NOTIFY] Notification Of Release (NOR) |

QUESTIONS

| Nature and Volume of Release (continued) | |
|---|--|
| Is this a gas only submission (i.e. only significant Mcf values reported) | No, according to supplied volumes this does not appear to be a "gas only" report. |
| Was this a major release as defined by Subsection A of 19.15.29.7 NMAC | Yes |
| Reasons why this would be considered a submission for a notification of a major release | From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more. |
| With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form. | |

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

| | |
|--|---------------|
| The source of the release has been stopped | True |
| The impacted area has been secured to protect human health and the environment | True |
| Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices | True |
| All free liquids and recoverable materials have been removed and managed appropriately | True |
| If all the actions described above have not been undertaken, explain why | Not answered. |

Per Paragraph 4 of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

ACKNOWLEDGMENTS

Action 421302

ACKNOWLEDGMENTS

| | |
|---|--|
| Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706 | OGRID: 7377 |
| | Action Number: 421302 |
| | Action Type: [NOTIFY] Notification Of Release (NOR) |

ACKNOWLEDGMENTS

| | |
|-------------------------------------|--|
| <input checked="" type="checkbox"/> | I acknowledge that I am authorized to submit notification of a release on behalf of my operator. |
| <input checked="" type="checkbox"/> | I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29. |
| <input checked="" type="checkbox"/> | I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29. |
| <input checked="" type="checkbox"/> | I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. |
| <input checked="" type="checkbox"/> | I acknowledge the fact that the acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. |
| <input checked="" type="checkbox"/> | I acknowledge the fact that, in addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. |

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

CONDITIONS

Action 421302

CONDITIONS

| | |
|---|--|
| Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706 | OGRID: 7377 |
| | Action Number: 421302 |
| | Action Type: [NOTIFY] Notification Of Release (NOR) |

CONDITIONS

| | | |
|------------|---|----------------|
| Created By | Condition | Condition Date |
| todd wells | When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141. | 1/15/2025 |

APPENDIX D

CARMONA RESOURCES

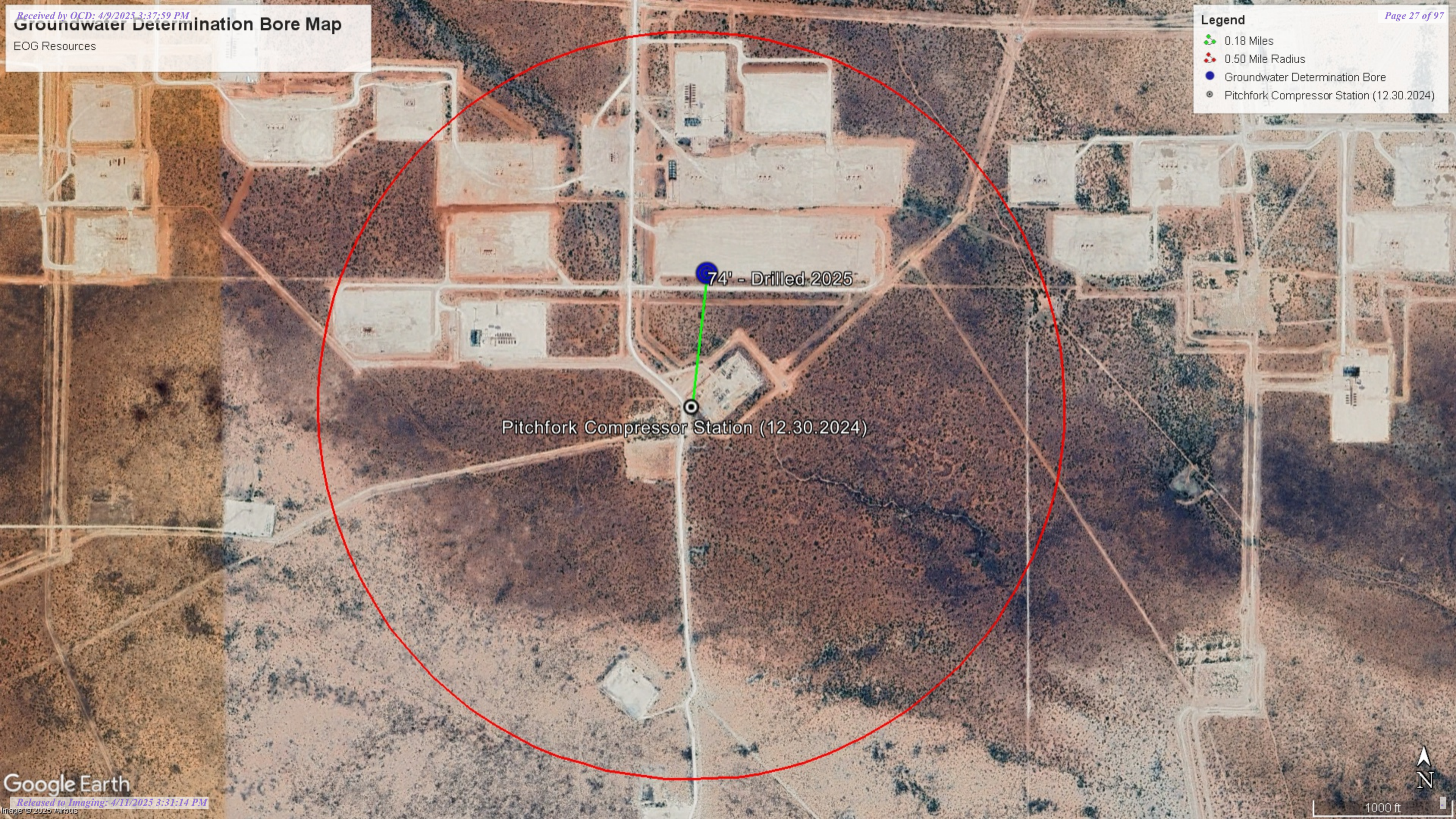


Groundwater Determination Bore Map

EOG Resources

Legend

- 0.18 Miles
- 0.50 Mile Radius
- Groundwater Determination Bore
- Pitchfork Compressor Station (12.30.2024)



CARMONA RESOURCES



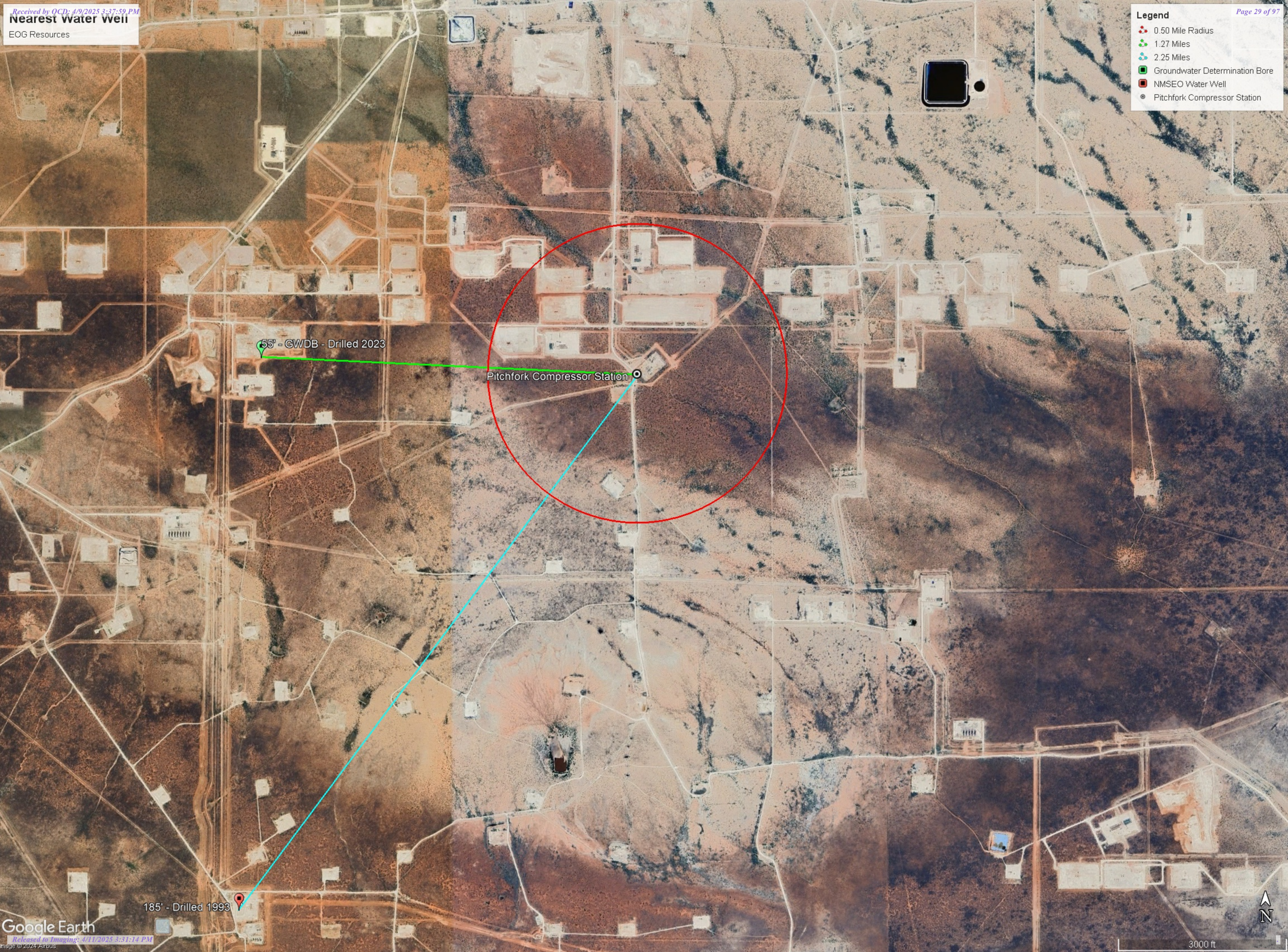
| | | | |
|----------------|------------------------------|-----------|----------------------------|
| Project Name : | Pitchfork Compressor Station | Date : | Tuesday, February 25, 2025 |
| Project No. : | 2619 | Sampler : | Ivan Ramos |
| Location : | Lea County, New Mexico | | |
| Coordinates : | 32.165544, -103.505991 | Driller : | HCI Drilling |
| Elevation : | 3441 feet | Method : | Air Rotary |

| Depth (ft.) | WL | Soil Description | Lithology | Depth (ft.) | WL | Soil Description | Lithology |
|-------------|----|--|-----------|-------------|----|---|-----------|
| 0 | | (0') - Tan, moderately cemented, subrounded, small to medium caliche nodules with 75% fine, silty soft, loose silty sand. Dry, no odor, no organics (GM). | | 50 | | (50') - Reddish brown, medium stiff, subrounded, small to medium claystone nodules with 15% fine, clayey soft, loose sandy clay. Dry, no odor, no organics (CL). | |
| 5 | | (5') - Reddish yellow, well sorted, medium dense, very loose sand. Dry, no odor, no organics (SM). | | 55 | | (55') - Grayish-brown, weakly cemented, subrounded, small silt nodules with 98% fine, silty soft, loose sandy silt. Dry, no odor, no organics (ML). | |
| 10 | | (10') - Tan, strongly cemented, subangular, small to medium caliche nodules with 90% fine, silty soft, loose silty sand. Dry, no odor, no organics (SW). | | 60 | | (60') - Grayish-brown, weakly cemented, subrounded, small silt nodules with 95% fine, silty soft, loose sandy silt. Dry, no odor, no organics (ML). | |
| 15 | | (15') - White, strongly cemented, subrounded, small to medium caliche nodules with 45% fine, silty soft, very loose sand. Dry, no odor, no organics (SP). | | 65 | | (65') - Yellowish gray, strongly cemented, subrounded, small to medium sandstone nodules with 40% poorly sorted, coarse, silty soft, loose clayey sand. Dry, no odor, no organics (GC). | |
| 20 | | (20') - Pinkish-tan, moderately cemented, subrounded, small caliche nodules with 60% fine, silty soft, loose silty sand. Dry, no odor, no organics (SW). | | 70 | | (70') - Pale gray, strongly cemented, subangular, small to medium sandstone nodules with 20% fine, silty soft, loose clayey sand. Dry, no odor, no organics (GC). | |
| 25 | | (25') - Pinkish-tan, well sorted, very soft, very loose sand. Dry, no odor, no organics (SM). | | 75 | | (74') - Light brown, medium stiff, subrounded, small claystone nodules with 80% fine, clayey soft, loose clayey sand. Dry, no odor, no organics (SC). | |
| 30 | | (30') - Pinkish-tan, well sorted, very soft, very loose sand. Dry, no odor, no organics (SM). | | 80 | | | |
| 35 | | (35') - Grayish-brown, moderately cemented, subangular, small to medium sandstone nodules with 80% fine, silty soft, loose silty sand. Dry, no odor, no organics (SW). | | 85 | | | |
| 40 | | (40') - Grayish-brown, moderately cemented, subangular, small sandstone nodules with 85% fine, silty soft, loose silty sand. Dry, no odor, no organics (SW). | | 90 | | | |
| 45 | | (45') - Reddish brown, weakly cemented, subrounded, small clay nodules with 95% fine, silty soft, loose clayey sand. Dry, no odor, no organics (SC). | | 95 | | | |
| 50 | | | | 105 | | | |

Comments : (02/25/2025) Boring terminated at 74' bgs at 9:30 A.M. Mountain Time with some presence of moisture. Boring was plugged on 03/06/2025.

Legend

- 0.50 Mile Radius
- 1.27 Miles
- 2.25 Miles
- Groundwater Determination Bore
- NMSEO Water Well
- Pitchfork Compressor Station



Legend

-  Low
-  Pitchfork Compressor Station





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the
POD suffix indicates
the POD has been
replaced
& no longer serves a
water right file.)

(R=POD has
been
replaced,
O=orphaned,
C=the file is
closed)

(quarters are
smallest to
largest)

(meters)

(In feet)

| POD Number | Code | Sub basin | County | Q64 | Q16 | Q4 | Sec | Tws | Range | X | Y | Map | Distance | Well Depth | Depth Water | Water Column |
|-----------------------------------|------|--------------|--------|-----|-----|----|-----|-----|-------|----------|-------------|-----|----------|---------------|----------------|-----------------|
| C 02373 | | CUB | LE | | SE | NW | 32 | 24S | 34E | 641979.0 | 3560916.0 * | | 1833 | 600 | | |
| C 03603 POD4 | | CUB | LE | SW | NE | SE | 35 | 24S | 33E | 637789.1 | 3560461.3 | | 3207 | | | |
| C 03601 POD4 | | CUB | LE | SW | SW | SW | 24 | 24S | 33E | 638161.8 | 3561375.0 | | 3283 | | | |
| C 03600 POD2 | | CUB | LE | SE | SE | NW | 25 | 24S | 33E | 638824.5 | 3562329.6 | | 3493 | | | |
| C 03602 POD2 | | CUB | LE | SE | SE | NW | 25 | 24S | 33E | 638824.5 | 3562329.6 | | 3493 | | | |
| C 03603 POD1 | | CUB | LE | SW | NE | NE | 35 | 24S | 33E | 637804.9 | 3561225.4 | | 3503 | | | |
| C 02373 S | | CUB | LE | NW | NE | NW | 13 | 25S | 33E | 638721.0 | 3556549.0 * | | 3615 | 625 | 185 | 440 |
| C 02309 | | CUB | LE | NE | NE | NE | 25 | 24S | 33E | 639708.5 | 3562997.8 | | 3698 | 60 | 30 | 30 |
| C 02373 CLW317846 | O | CUB | LE | NE | NW | NW | 13 | 25S | 33E | 638518.0 | 3556544.0 * | | 3742 | 625 | 185 | 440 |
| C 03603 POD2 | | CUB | LE | SW | NW | NE | 35 | 24S | 33E | 637384.0 | 3561167.3 | | 3848 | | | |
| C 03600 POD5 | | CUB | LE | SW | NE | SE | 26 | 24S | 33E | 637857.0 | 3562020.7 | | 3921 | | | |

Average Depth to Water: 133 feet

Minimum Depth: 30 feet

Maximum Depth: 185 feet

Record Count: 11

UTM Filters (in meters):

Easting: 640841.67
Northing: 3559477.54
Radius: 4000













* UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

CARMONA RESOURCES



| | | | |
|----------------|--|-----------|---------------------------------|
| Project Name : | <u>EOG - Lacey Swiss 1 Fed Com #707H</u> | Date : | <u>Wednesday, July 12, 2023</u> |
| Project No. : | <u>1219</u> | Sampler : | <u>Lane Scarborough</u> |
| Location : | <u>Lea County, New Mexico</u> | Driller : | <u>Scarborough Drilling</u> |
| Coordinates : | <u>32.163721-103.5279600</u> | Method : | <u>Air Rotary</u> |
| Elevation : | <u>3,466'</u> | | |

| Depth (ft.) | WL | Soil Description | Lithology | Depth (ft.) | WL | Soil Description | Lithology |
|-------------|----|--|---|-------------|----|--|---|
| 0 | | (0') - Light brown to tan calcium carbonate containing 25% sand, no odor, loose, dry, no organics (SP). |  | 50 | | (50') - Red-brown clay, medium stiff to stiff, containing <25% silt particles, no odor, no organics, dry (CL). |  |
| 5 | | (5') - Brown sandy silt, very soft, dry, no odor, no organics (SM). |  | 55 | | (55') - Red-brown clayey silt, medium dense to dense, dry, no odor, no organics (SC). |  |
| 10 | | (10') - Light brown to tan calcium carbonate containing 25% sand, loose, dry, no odor, no organics (SP). |  | 60 | | | |
| 15 | | (15') - Light brown to tan calcium carbonate containing 50% silty sand, loose, dry, no odor, no organics (SP). |  | 65 | | | |
| 20 | | (20') - Light brown silty sand, medium dense, dry, no odor, no organics (SM). |  | 70 | | | |
| 25 | | (25') - Light brown sandy silt, weakly cemented, dry, no odor, no organics (SM). |  | 75 | | | |
| 30 | | (30') - Red-brown clay, medium stiff to stiff, containing <25% silt particles, no odor, no organics, dry (CL). |  | 80 | | | |
| 35 | | (35') - Red-brown clayey silt, medium dense to dense, dry, no odor, no organics (SC). |  | 85 | | | |
| 40 | | (40') - yellow-brown clayey silt, medium dense, dry, no odor, no organics (SC). |  | 90 | | | |
| 45 | | (45') - Light brown silt, loose, well graded, dry, no odor, no organics (SM). |  | 95 | | | |
| 50 | | | | 105 | | | |

Comments : Boring terminated at 58' with no presence of groundwater or moisture.



New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

| | | | | | | | | | |
|-----------------|-------------------|------------|------------|-----------|------------|------------|------------|----------|----------|
| Well Tag | POD Number | Q64 | Q16 | Q4 | Sec | Tws | Rng | X | Y |
| C | 02373 S | 1 | 2 | 1 | 13 | 25S | 33E | 638721 | 3556549* |

x

| | | | |
|-------------------------|-----|-------------------------|----------------------------|
| Driller License: | 421 | Driller Company: | GLENN'S WATER WELL SERVICE |
|-------------------------|-----|-------------------------|----------------------------|

Driller Name:

| | | | | | |
|--------------------------|------------|-----------------------------|------------|-------------------------|----------|
| Drill Start Date: | 09/08/1993 | Drill Finish Date: | 09/08/1993 | Plug Date: | |
| Log File Date: | | PCW Rev Date: | 02/09/1996 | Source: | Shallow |
| Pump Type: | SUBMER | Pipe Discharge Size: | 2 | Estimated Yield: | 60 GPM |
| Casing Size: | 6.63 | Depth Well: | 625 feet | Depth Water: | 185 feet |

x

| | | | |
|-----------------------------|---------|-----------------------------|--------------|
| Meter Number: | 581 | Meter Make: | WATERSPECIAL |
| Meter Serial Number: | 9549683 | Meter Multiplier: | 100.0000 |
| Number of Dials: | 6 | Meter Type: | Diversion |
| Unit of Measure: | Gallons | Return Flow Percent: | |
| Usage Multiplier: | | Reading Frequency: | |

x

Meter Readings (in Acre-Feet)

| Read Date | Year | Mtr Reading | Flag | Rdr | Comment | Mtr Amount Online |
|------------|------|-------------|------|-----|---------|-------------------|
| 03/31/1999 | 1999 | 2206 | A | ms | | 0 |
| 06/30/1999 | 1999 | 2350 | A | ms | | 0.186 |
| 09/30/1999 | 1999 | 4567 | A | ms | | 2.858 |
| 01/06/2000 | 1999 | 6110 | A | ms | | 1.989 |
| 05/01/2000 | 2000 | 9350 | A | mb | | 0 |
| 06/30/2000 | 2000 | 10252 | A | mb | | 0.277 |
| 10/13/2000 | 2000 | 16915 | A | RPT | | 2.045 |
| 01/17/2001 | 2000 | 33917 | A | RPT | | 5.218 |
| 05/17/2001 | 2001 | 39208 | A | RPT | | 1.624 |
| 06/30/2001 | 2001 | 39212 | A | RPT | | 0.001 |
| 09/30/2001 | 2001 | 48868 | A | RPT | | 2.963 |
| 01/03/2002 | 2002 | 56680 | A | RPT | | 2.397 |
| 06/30/2002 | 2002 | 70870 | A | RPT | | 4.355 |
| 12/31/2002 | 2002 | 112683 | A | RPT | | 12.832 |
| 03/31/2003 | 2003 | 134871 | A | RPT | | 6.809 |
| 06/30/2003 | 2003 | 135029 | A | RPT | | 0.048 |
| 09/30/2003 | 2003 | 139662 | A | ab | | 1.422 |
| 12/31/2003 | 2003 | 145345 | A | ab | | 1.744 |
| 04/05/2004 | 2004 | 162284 | A | RPT | | 5.198 |
| 10/07/2004 | 2004 | 172774 | A | tw | | 3.219 |
| 01/01/2005 | 2004 | 180237 | A | RPT | | 2.290 |
| 04/01/2005 | 2005 | 183300 | A | RPT | | 0.940 |
| 07/01/2005 | 2005 | 183613 | A | RPT | | 0.096 |
| 10/10/2005 | 2005 | 185173 | A | RPT | | 0.479 |
| 01/01/2006 | 2005 | 185386 | A | RPT | | 0.065 |

| | | | | | |
|------------|------|--------|---|--------------------|---------|
| 03/31/2006 | 2006 | 186880 | A | RPT | 0.458 |
| 06/30/2006 | 2006 | 196667 | A | tw | 3.004 |
| 12/31/2006 | 2006 | 205842 | A | tw | 2.816 |
| 04/03/2007 | 2007 | 211071 | A | RPT | 1.605 |
| 07/01/2007 | 2007 | 211071 | A | RPT | 0 |
| 10/01/2007 | 2007 | 211071 | A | RPT | 0 |
| 12/03/2007 | 2007 | 211071 | A | RPT | 0 |
| 03/30/2008 | 2008 | 211071 | A | RPT | 0 |
| 06/30/2008 | 2008 | 211071 | A | RPT | 0 |
| 09/30/2008 | 2008 | 211071 | A | RPT | 0 |
| 12/30/2008 | 2008 | 211071 | A | RPT | 0 |
| 03/31/2010 | 2010 | 109594 | R | RPT Meter Rollover | 275.747 |
| 06/30/2010 | 2010 | 156195 | A | tw | 14.301 |
| 09/30/2010 | 2010 | 199335 | A | RPT | 13.239 |
| 12/31/2010 | 2010 | 231813 | A | RPT | 9.967 |
| 04/01/2011 | 2011 | 263630 | A | RPT | 9.764 |

x

| **YTD Meter Amounts: | Year | Amount |
|----------------------|------|---------|
| | 1999 | 5.033 |
| | 2000 | 7.540 |
| | 2001 | 4.588 |
| | 2002 | 19.584 |
| | 2003 | 10.023 |
| | 2004 | 10.707 |
| | 2005 | 1.580 |
| | 2006 | 6.278 |
| | 2007 | 1.605 |
| | 2008 | 0 |
| | 2010 | 313.254 |
| | 2011 | 9.764 |

x

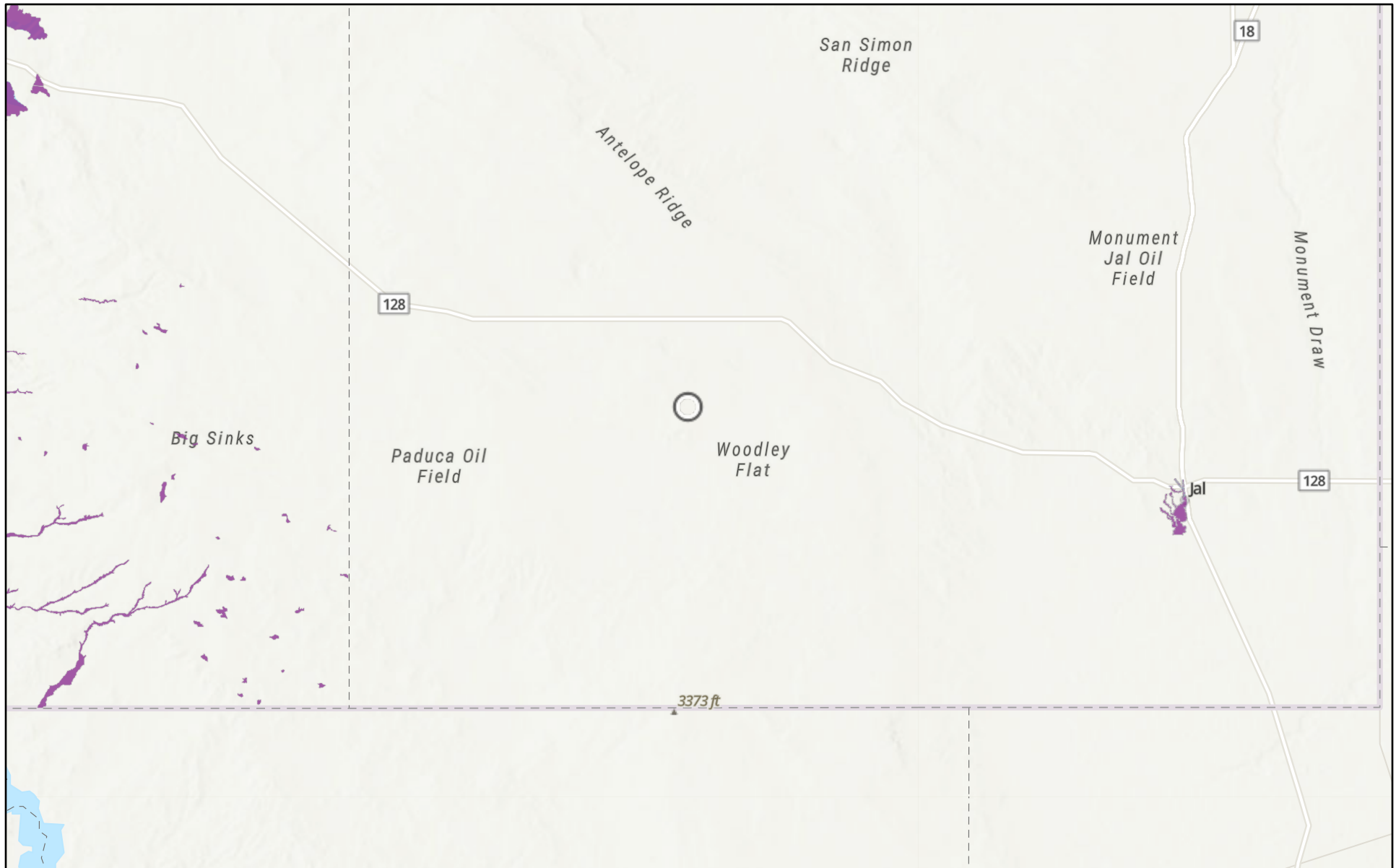
*UTM location was derived from PLSS - see Help

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2/3/23 1:24 PM

POINT OF DIVERSION SUMMARY

Pitchfork Compressor Station



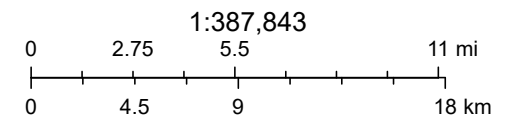
3/14/2025

USA Flood Hazard Areas

- 0.2% Annual Chance Flood Hazard
- 1% Annual Chance Flood Hazard

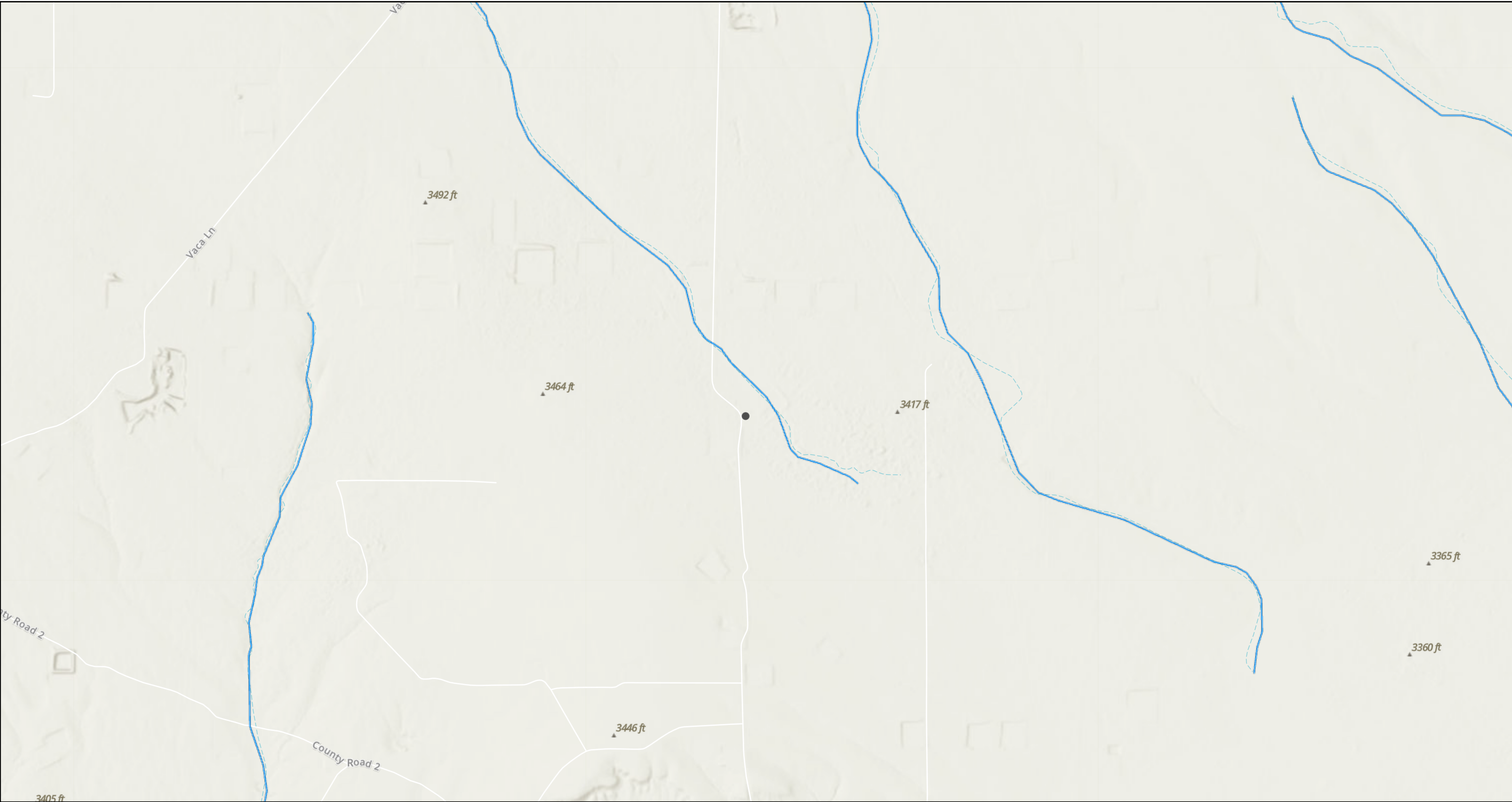
Regulatory Floodway

World_Hillshade



Esri, NASA, NGA, USGS, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community

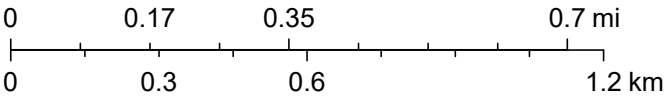
Pitchfork Compressor Station



1/7/2025, 3:16:36 PM

— OSE Streams

1:18,056



Esri, NASA, NGA, USGS, FEMA, Esri Community Maps Contributors, Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS, NM OSE

APPENDIX E

CARMONA RESOURCES





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

January 21, 2025

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: PITCHFORK COMPRESSOR STATION

Enclosed are the results of analyses for samples received by the laboratory on 01/20/25 14:12.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

| | |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

| | | | |
|-------------------|------------------------------|---------------------|---------------|
| Received: | 01/20/2025 | Sampling Date: | 01/16/2025 |
| Reported: | 01/21/2025 | Sampling Type: | Soil |
| Project Name: | PITCHFORK COMPRESSOR STATION | Sampling Condition: | Cool & Intact |
| Project Number: | 2619 | Sample Received By: | Alyssa Parras |
| Project Location: | EOG - LEA COUNTY, NEW MEXICO | | |

Sample ID: T - 1 (8-9') (H250328-01)

| BTX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.12 | 106 | 2.00 | 2.23 | |
| Toluene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.15 | 107 | 2.00 | 1.08 | |
| Ethylbenzene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.40 | 120 | 2.00 | 0.501 | |
| Total Xylenes* | <0.150 | 0.150 | 01/20/2025 | ND | 7.37 | 123 | 6.00 | 0.885 | |
| Total BTX | <0.300 | 0.300 | 01/20/2025 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 127 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: KV | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 2800 | 16.0 | 01/21/2025 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/21/2025 | ND | 208 | 104 | 200 | 3.63 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/21/2025 | ND | 194 | 97.2 | 200 | 4.44 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/21/2025 | ND | | | | | |

Surrogate: 1-Chlorooctane 75.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.4 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: PITCHFORK COMPRESSOR STATION
 Project Number: 2619
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: T - 1 (10') (H250328-02)

| BTX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.12 | 106 | 2.00 | 2.23 | | |
| Toluene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.15 | 107 | 2.00 | 1.08 | | |
| Ethylbenzene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.40 | 120 | 2.00 | 0.501 | | |
| Total Xylenes* | <0.150 | 0.150 | 01/20/2025 | ND | 7.37 | 123 | 6.00 | 0.885 | | |
| Total BTX | <0.300 | 0.300 | 01/20/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 133 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: KV | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 3040 | 16.0 | 01/21/2025 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/21/2025 | ND | 208 | 104 | 200 | 3.63 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/21/2025 | ND | 194 | 97.2 | 200 | 4.44 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/21/2025 | ND | | | | | |

Surrogate: 1-Chlorooctane 71.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.4 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: PITCHFORK COMPRESSOR STATION
 Project Number: 2619
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: T - 1 (11') (H250328-03)

| BTX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.12 | 106 | 2.00 | 2.23 | |
| Toluene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.15 | 107 | 2.00 | 1.08 | |
| Ethylbenzene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.40 | 120 | 2.00 | 0.501 | |
| Total Xylenes* | <0.150 | 0.150 | 01/20/2025 | ND | 7.37 | 123 | 6.00 | 0.885 | |
| Total BTX | <0.300 | 0.300 | 01/20/2025 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 128 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: KV | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 3120 | 16.0 | 01/21/2025 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/21/2025 | ND | 208 | 104 | 200 | 3.63 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/21/2025 | ND | 194 | 97.2 | 200 | 4.44 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/21/2025 | ND | | | | | |

Surrogate: 1-Chlorooctane 84.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: PITCHFORK COMPRESSOR STATION
 Project Number: 2619
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: T - 1 (12') (H250328-04)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.12 | 106 | 2.00 | 2.23 | | |
| Toluene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.15 | 107 | 2.00 | 1.08 | | |
| Ethylbenzene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.40 | 120 | 2.00 | 0.501 | | |
| Total Xylenes* | <0.150 | 0.150 | 01/20/2025 | ND | 7.37 | 123 | 6.00 | 0.885 | | |
| Total BTEX | <0.300 | 0.300 | 01/20/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 133 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: KV | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 368 | 16.0 | 01/21/2025 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/21/2025 | ND | 208 | 104 | 200 | 3.63 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/21/2025 | ND | 194 | 97.2 | 200 | 4.44 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/21/2025 | ND | | | | | |

Surrogate: 1-Chlorooctane 76.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: PITCHFORK COMPRESSOR STATION
 Project Number: 2619
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: T - 2 (9-10') (H250328-05)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.12 | 106 | 2.00 | 2.23 | | |
| Toluene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.15 | 107 | 2.00 | 1.08 | | |
| Ethylbenzene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.40 | 120 | 2.00 | 0.501 | | |
| Total Xylenes* | <0.150 | 0.150 | 01/20/2025 | ND | 7.37 | 123 | 6.00 | 0.885 | | |
| Total BTEX | <0.300 | 0.300 | 01/20/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 127 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: KV | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 6960 | 16.0 | 01/21/2025 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/21/2025 | ND | 208 | 104 | 200 | 3.63 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/21/2025 | ND | 194 | 97.2 | 200 | 4.44 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/21/2025 | ND | | | | | |

Surrogate: 1-Chlorooctane 88.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.0 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: PITCHFORK COMPRESSOR STATION
 Project Number: 2619
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: T - 2 (11') (H250328-06)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.12 | 106 | 2.00 | 2.23 | | |
| Toluene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.15 | 107 | 2.00 | 1.08 | | |
| Ethylbenzene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.40 | 120 | 2.00 | 0.501 | | |
| Total Xylenes* | <0.150 | 0.150 | 01/20/2025 | ND | 7.37 | 123 | 6.00 | 0.885 | | |
| Total BTEX | <0.300 | 0.300 | 01/20/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 130 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: KV | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 5120 | 16.0 | 01/21/2025 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/21/2025 | ND | 208 | 104 | 200 | 3.63 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/21/2025 | ND | 194 | 97.2 | 200 | 4.44 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/21/2025 | ND | | | | | |

Surrogate: 1-Chlorooctane 85.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.8 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: PITCHFORK COMPRESSOR STATION
 Project Number: 2619
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: T - 2 (12') (H250328-07)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 01/20/2025 | ND | 1.92 | 96.2 | 2.00 | 2.93 | | |
| Toluene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.10 | 105 | 2.00 | 2.55 | | |
| Ethylbenzene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.15 | 107 | 2.00 | 2.55 | | |
| Total Xylenes* | <0.150 | 0.150 | 01/20/2025 | ND | 6.34 | 106 | 6.00 | 2.44 | | |
| Total BTEx | <0.300 | 0.300 | 01/20/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: KV | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 1700 | 16.0 | 01/21/2025 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/21/2025 | ND | 208 | 104 | 200 | 3.63 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/21/2025 | ND | 194 | 97.2 | 200 | 4.44 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/21/2025 | ND | | | | | |

Surrogate: 1-Chlorooctane 81.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.9 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: PITCHFORK COMPRESSOR STATION
 Project Number: 2619
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: T - 2 (13') (H250328-08)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 01/20/2025 | ND | 1.92 | 96.2 | 2.00 | 2.93 | | |
| Toluene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.10 | 105 | 2.00 | 2.55 | | |
| Ethylbenzene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.15 | 107 | 2.00 | 2.55 | | |
| Total Xylenes* | <0.150 | 0.150 | 01/20/2025 | ND | 6.34 | 106 | 6.00 | 2.44 | | |
| Total BTEx | <0.300 | 0.300 | 01/20/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: KV | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 768 | 16.0 | 01/21/2025 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/21/2025 | ND | 225 | 112 | 200 | 2.41 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/21/2025 | ND | 204 | 102 | 200 | 1.86 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/21/2025 | ND | | | | | |

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.5 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: PITCHFORK COMPRESSOR STATION
 Project Number: 2619
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: T - 2 (14') (H250328-09)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 01/20/2025 | ND | 1.92 | 96.2 | 2.00 | 2.93 | | |
| Toluene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.10 | 105 | 2.00 | 2.55 | | |
| Ethylbenzene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.15 | 107 | 2.00 | 2.55 | | |
| Total Xylenes* | <0.150 | 0.150 | 01/20/2025 | ND | 6.34 | 106 | 6.00 | 2.44 | | |
| Total BTEx | <0.300 | 0.300 | 01/20/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: KV | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 80.0 | 16.0 | 01/21/2025 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/21/2025 | ND | 225 | 112 | 200 | 2.41 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/21/2025 | ND | 204 | 102 | 200 | 1.86 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/21/2025 | ND | | | | | |

Surrogate: 1-Chlorooctane 97.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: PITCHFORK COMPRESSOR STATION
 Project Number: 2619
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: T - 3 (10-11') (H250328-10)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 01/20/2025 | ND | 1.92 | 96.2 | 2.00 | 2.93 | | |
| Toluene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.10 | 105 | 2.00 | 2.55 | | |
| Ethylbenzene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.15 | 107 | 2.00 | 2.55 | | |
| Total Xylenes* | <0.150 | 0.150 | 01/20/2025 | ND | 6.34 | 106 | 6.00 | 2.44 | | |
| Total BTEx | <0.300 | 0.300 | 01/20/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: KV | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 12400 | 16.0 | 01/21/2025 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/21/2025 | ND | 225 | 112 | 200 | 2.41 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/21/2025 | ND | 204 | 102 | 200 | 1.86 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/21/2025 | ND | | | | | |

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: PITCHFORK COMPRESSOR STATION
 Project Number: 2619
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: T - 3 (12') (H250328-11)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 01/20/2025 | ND | 1.92 | 96.2 | 2.00 | 2.93 | | |
| Toluene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.10 | 105 | 2.00 | 2.55 | | |
| Ethylbenzene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.15 | 107 | 2.00 | 2.55 | | |
| Total Xylenes* | <0.150 | 0.150 | 01/20/2025 | ND | 6.34 | 106 | 6.00 | 2.44 | | |
| Total BTEx | <0.300 | 0.300 | 01/20/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: KV | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 544 | 16.0 | 01/21/2025 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/21/2025 | ND | 225 | 112 | 200 | 2.41 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/21/2025 | ND | 204 | 102 | 200 | 1.86 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/21/2025 | ND | | | | | |

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: PITCHFORK COMPRESSOR STATION
 Project Number: 2619
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: T - 3 (13') (H250328-12)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 01/20/2025 | ND | 1.92 | 96.2 | 2.00 | 2.93 | | |
| Toluene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.10 | 105 | 2.00 | 2.55 | | |
| Ethylbenzene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.15 | 107 | 2.00 | 2.55 | | |
| Total Xylenes* | <0.150 | 0.150 | 01/20/2025 | ND | 6.34 | 106 | 6.00 | 2.44 | | |
| Total BTEX | <0.300 | 0.300 | 01/20/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: KV | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 224 | 16.0 | 01/21/2025 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/21/2025 | ND | 225 | 112 | 200 | 2.41 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/21/2025 | ND | 204 | 102 | 200 | 1.86 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/21/2025 | ND | | | | | |

Surrogate: 1-Chlorooctane 81.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: PITCHFORK COMPRESSOR STATION
 Project Number: 2619
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: T - 4 (10-11') (H250328-13)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 01/20/2025 | ND | 1.92 | 96.2 | 2.00 | 2.93 | |
| Toluene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.10 | 105 | 2.00 | 2.55 | |
| Ethylbenzene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.15 | 107 | 2.00 | 2.55 | |
| Total Xylenes* | <0.150 | 0.150 | 01/20/2025 | ND | 6.34 | 106 | 6.00 | 2.44 | |
| Total BTEX | <0.300 | 0.300 | 01/20/2025 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: KV | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 14600 | 16.0 | 01/21/2025 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/21/2025 | ND | 225 | 112 | 200 | 2.41 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/21/2025 | ND | 204 | 102 | 200 | 1.86 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/21/2025 | ND | | | | | |

Surrogate: 1-Chlorooctane 93.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: PITCHFORK COMPRESSOR STATION
 Project Number: 2619
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: T - 4 (12') (H250328-14)

| BTX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 01/20/2025 | ND | 1.92 | 96.2 | 2.00 | 2.93 | |
| Toluene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.10 | 105 | 2.00 | 2.55 | |
| Ethylbenzene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.15 | 107 | 2.00 | 2.55 | |
| Total Xylenes* | <0.150 | 0.150 | 01/20/2025 | ND | 6.34 | 106 | 6.00 | 2.44 | |
| Total BTX | <0.300 | 0.300 | 01/20/2025 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: KV | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 10600 | 16.0 | 01/21/2025 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/21/2025 | ND | 225 | 112 | 200 | 2.41 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/21/2025 | ND | 204 | 102 | 200 | 1.86 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/21/2025 | ND | | | | | |

Surrogate: 1-Chlorooctane 96.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.7 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: PITCHFORK COMPRESSOR STATION
 Project Number: 2619
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: T - 4 (13') (H250328-15)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 01/20/2025 | ND | 1.92 | 96.2 | 2.00 | 2.93 | | |
| Toluene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.10 | 105 | 2.00 | 2.55 | | |
| Ethylbenzene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.15 | 107 | 2.00 | 2.55 | | |
| Total Xylenes* | <0.150 | 0.150 | 01/20/2025 | ND | 6.34 | 106 | 6.00 | 2.44 | | |
| Total BTEx | <0.300 | 0.300 | 01/20/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: KV | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 9120 | 16.0 | 01/21/2025 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/21/2025 | ND | 225 | 112 | 200 | 2.41 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/21/2025 | ND | 204 | 102 | 200 | 1.86 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/21/2025 | ND | | | | | |

Surrogate: 1-Chlorooctane 97.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.5 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: PITCHFORK COMPRESSOR STATION
 Project Number: 2619
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: T - 4 (14') (H250328-16)

| BTX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 01/20/2025 | ND | 1.92 | 96.2 | 2.00 | 2.93 | |
| Toluene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.10 | 105 | 2.00 | 2.55 | |
| Ethylbenzene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.15 | 107 | 2.00 | 2.55 | |
| Total Xylenes* | <0.150 | 0.150 | 01/20/2025 | ND | 6.34 | 106 | 6.00 | 2.44 | |
| Total BTX | <0.300 | 0.300 | 01/20/2025 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: KV | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 2480 | 16.0 | 01/21/2025 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/21/2025 | ND | 225 | 112 | 200 | 2.41 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/21/2025 | ND | 204 | 102 | 200 | 1.86 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/21/2025 | ND | | | | | |

Surrogate: 1-Chlorooctane 97.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: PITCHFORK COMPRESSOR STATION
 Project Number: 2619
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: T - 4 (15') (H250328-17)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 01/20/2025 | ND | 1.92 | 96.2 | 2.00 | 2.93 | | |
| Toluene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.10 | 105 | 2.00 | 2.55 | | |
| Ethylbenzene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.15 | 107 | 2.00 | 2.55 | | |
| Total Xylenes* | <0.150 | 0.150 | 01/20/2025 | ND | 6.34 | 106 | 6.00 | 2.44 | | |
| Total BTEx | <0.300 | 0.300 | 01/20/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 672 | 16.0 | 01/21/2025 | ND | 448 | 112 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/21/2025 | ND | 225 | 112 | 200 | 2.41 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/21/2025 | ND | 204 | 102 | 200 | 1.86 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/21/2025 | ND | | | | | |

Surrogate: 1-Chlorooctane 92.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: PITCHFORK COMPRESSOR STATION
 Project Number: 2619
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: T - 4 (16') (H250328-18)

| BTX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 01/20/2025 | ND | 1.92 | 96.2 | 2.00 | 2.93 | | |
| Toluene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.10 | 105 | 2.00 | 2.55 | | |
| Ethylbenzene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.15 | 107 | 2.00 | 2.55 | | |
| Total Xylenes* | <0.150 | 0.150 | 01/20/2025 | ND | 6.34 | 106 | 6.00 | 2.44 | | |
| Total BTX | <0.300 | 0.300 | 01/20/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 1460 | 16.0 | 01/21/2025 | ND | 448 | 112 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/21/2025 | ND | 225 | 112 | 200 | 2.41 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/21/2025 | ND | 204 | 102 | 200 | 1.86 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/21/2025 | ND | | | | | |

Surrogate: 1-Chlorooctane 97.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.8 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: PITCHFORK COMPRESSOR STATION
 Project Number: 2619
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: T - 4 (17') (H250328-19)

| BTX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 01/20/2025 | ND | 1.92 | 96.2 | 2.00 | 2.93 | | |
| Toluene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.10 | 105 | 2.00 | 2.55 | | |
| Ethylbenzene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.15 | 107 | 2.00 | 2.55 | | |
| Total Xylenes* | <0.150 | 0.150 | 01/20/2025 | ND | 6.34 | 106 | 6.00 | 2.44 | | |
| Total BTX | <0.300 | 0.300 | 01/20/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 240 | 16.0 | 01/21/2025 | ND | 448 | 112 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/21/2025 | ND | 225 | 112 | 200 | 2.41 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/21/2025 | ND | 204 | 102 | 200 | 1.86 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/21/2025 | ND | | | | | |

Surrogate: 1-Chlorooctane 92.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.6 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

| | |
|-----|--|
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report |

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*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No:

H280328

Page 1 of 2

Page 22 of 23

| | | | |
|------------------|-----------------------|-------------------------|-----------------------------|
| Project Manager: | Conner Moehring | Bill to: (if different) | Todd Wells |
| Company Name: | Carmona Resources | Company Name: | EOG Resources |
| Address: | 310 W Wall St Ste 500 | Address: | 5509 Champions Dr |
| City, State ZIP: | Midland, TX 79701 | City, State ZIP: | Midland, TX 79706 |
| Phone: | (432) 813-6823 | Email: | Todd Wells@eogresources.com |

| | | | |
|-----------------------|---|--|------------|
| Project Name: | Pitchfork Compressor Station | Turn Around | Pres. Code |
| Project Number: | 2619 | <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush | |
| Project Location: | Lea County, New Mexico | Due Date: | 24 Hours |
| Sampler's Name: | GPJ / KR | | |
| PO #: | | | |
| SAMPLE RECEIPT | Temp Blank: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Wet Ice: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Parameters |
| Received Intact: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Thermometer ID: | |
| Cooler Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Correction Factor: | |
| Sample Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Temperature Reading: | |
| Total Containers: | | Corrected Temperature: | |

| Sample Identification | Date | Time | Soil | Water | Grab/Comp | # of Cont | ANALYSIS REQUEST | | | | | | | | | | | | Preservative Codes |
|-----------------------|-----------|------|------|-------|-----------|-----------|------------------|---|---|--|--|--|--|--|--|--|--|---|----------------------------|
| T-1 (8-9') | 1/16/2025 | | X | | G | 1 | X | X | X | | | | | | | | | None: NO | DI Water: H ₂ O |
| T-1 (10') | 1/16/2025 | | X | | G | 1 | X | X | X | | | | | | | | | Cool: Cool | MeOH: Me |
| T-1 (11') | 1/16/2025 | | X | | G | 1 | X | X | X | | | | | | | | | HCL: HC | HNO ₃ : HN |
| T-1 (12') | 1/16/2025 | | X | | G | 1 | X | X | X | | | | | | | | | H ₂ SO ₄ : H ₂ | NaOH: Na |
| T-2 (9-10') | 1/16/2025 | | X | | G | 1 | X | X | X | | | | | | | | | H ₃ PO ₄ : HP | |
| T-2 (11') | 1/16/2025 | | X | | G | 1 | X | X | X | | | | | | | | | NaHSO ₄ : NABIS | |
| T-2 (12') | 1/16/2025 | | X | | G | 1 | X | X | X | | | | | | | | | Na ₂ S ₂ O ₃ : NaSO ₃ | |
| T-2 (13') | 1/16/2025 | | X | | G | 1 | X | X | X | | | | | | | | | Zn Acetate+NaOH: Zn | |
| T-2 (14') | 1/16/2025 | | X | | G | 1 | X | X | X | | | | | | | | | NaOH+Ascorbic Acid: SPC | |
| T-3 (10-11') | 1/16/2025 | | X | | G | 1 | X | X | X | | | | | | | | | | |

| | |
|--|--------------|
| Comments: Email to Mike Carmona / Mearmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com | |
| Relinquished by: (Signature) | Date/Time |
| <i>Perf</i> | 1/29/25 |
| Received by: (Signature) | Date/Time |
| <i>CPM</i> | 1/30/25/1417 |

Chain of Custody

Work Order No:

H958328

Page 2 of 2

Page 23 of 23

| | | | |
|------------------|-----------------------|-------------------------|-----------------------------|
| Project Manager: | Conner Moehring | Bill to: (if different) | Todd Wells |
| Company Name: | Carmona Resources | Company Name: | EOG Resources |
| Address: | 310 W Wall St Ste 500 | Address: | 5509 Champions Dr |
| City, State ZIP: | Midland, TX 79701 | City, State ZIP: | Midland, TX 79706 |
| Phone: | (432) 813-6823 | Email: | Todd Wells@eogresources.com |

| | | | | |
|-----------------------|---|------------------------|---|---|
| Project Name: | Pitchfork Compressor Station | Turn Around | <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush | Pres. Code |
| Project Number: | 2619 | Due Date: | 24 Hours | |
| Project Location: | Lea County, New Mexico | | | |
| Sampler's Name: | GPJ / KR | | | |
| PO #: | | Temp Blank: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Wet Ice: |
| SAMPLE RECEIPT | | Thermometer ID: | #1110 | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Received Intact: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Correction Factor: | 0.000 | |
| Cooler Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Temperature Reading: | 0.92 | |
| Sample Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Corrected Temperature: | 0.32 | |
| Total Containers: | | | | |

| Sample Identification | Date | Time | Soil | Water | Grab/Comp | # of Cont | ANALYSIS REQUEST | | | | | | | | | | | | Preservative Codes |
|-----------------------|-----------|------|------|-------|-----------|-----------|------------------|---|---|--|--|--|--|--|--|--|--|---|----------------------------|
| T-3 (12) | 1/16/2025 | | X | | G | 1 | X | X | X | | | | | | | | | None: NO | DI Water: H ₂ O |
| T-3 (13) | 1/16/2025 | | X | | G | 1 | X | X | X | | | | | | | | | Cool: Cool | MeOH: Me |
| T-4 (10-11) | 1/16/2025 | | X | | G | 1 | X | X | X | | | | | | | | | HCL: HC | HNO ₃ : HN |
| T-4 (12) | 1/16/2025 | | X | | G | 1 | X | X | X | | | | | | | | | H ₂ SO ₄ : H ₂ | NaOH: Na |
| T-4 (13) | 1/16/2025 | | X | | G | 1 | X | X | X | | | | | | | | | H ₃ PO ₄ : HP | |
| T-4 (14) | 1/16/2025 | | X | | G | 1 | X | X | X | | | | | | | | | NaHSO ₄ : NABIS | |
| T-4 (15) | 1/16/2025 | | X | | G | 1 | X | X | X | | | | | | | | | Na ₂ S ₂ O ₃ : NaSO ₃ | |
| T-4 (16) | 1/16/2025 | | X | | G | 1 | X | X | X | | | | | | | | | Zn Acetate+NaOH: Zn | |
| T-4 (17) | 1/16/2025 | | X | | G | 1 | X | X | X | | | | | | | | | NaOH+Ascorbic Acid: SACP | |

| | | | | |
|------------------------------|--|-----------|--------------------------|--------------|
| Relinquished by: (Signature) | | Date/Time | Received by: (Signature) | Date/Time |
| <i>[Signature]</i> | | 1/20/25 | <i>[Signature]</i> | 1/20/25/1413 |

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

January 21, 2025

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: PITCHFORK COMPRESSOR STATION

Enclosed are the results of analyses for samples received by the laboratory on 01/20/25 14:12.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

| | |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: PITCHFORK COMPRESSOR STATION
 Project Number: 2619
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW - 1 (8') (H250329-01)

| BTX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 01/20/2025 | ND | 1.92 | 96.2 | 2.00 | 2.93 | |
| Toluene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.10 | 105 | 2.00 | 2.55 | |
| Ethylbenzene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.15 | 107 | 2.00 | 2.55 | |
| Total Xylenes* | <0.150 | 0.150 | 01/20/2025 | ND | 6.34 | 106 | 6.00 | 2.44 | |
| Total BTX | <0.300 | 0.300 | 01/20/2025 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 640 | 16.0 | 01/21/2025 | ND | 448 | 112 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/21/2025 | ND | 225 | 112 | 200 | 2.41 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/21/2025 | ND | 204 | 102 | 200 | 1.86 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/21/2025 | ND | | | | | |

Surrogate: 1-Chlorooctane 95.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.0 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: PITCHFORK COMPRESSOR STATION
 Project Number: 2619
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW - 2 (8') (H250329-02)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 01/20/2025 | ND | 1.92 | 96.2 | 2.00 | 2.93 | | |
| Toluene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.10 | 105 | 2.00 | 2.55 | | |
| Ethylbenzene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.15 | 107 | 2.00 | 2.55 | | |
| Total Xylenes* | <0.150 | 0.150 | 01/20/2025 | ND | 6.34 | 106 | 6.00 | 2.44 | | |
| Total BTEx | <0.300 | 0.300 | 01/20/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 4240 | 16.0 | 01/21/2025 | ND | 448 | 112 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/21/2025 | ND | 225 | 112 | 200 | 2.41 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/21/2025 | ND | 204 | 102 | 200 | 1.86 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/21/2025 | ND | | | | | |

Surrogate: 1-Chlorooctane 87.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.9 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: PITCHFORK COMPRESSOR STATION
 Project Number: 2619
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW - 3 (8') (H250329-03)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 01/20/2025 | ND | 1.92 | 96.2 | 2.00 | 2.93 | | |
| Toluene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.10 | 105 | 2.00 | 2.55 | | |
| Ethylbenzene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.15 | 107 | 2.00 | 2.55 | | |
| Total Xylenes* | <0.150 | 0.150 | 01/20/2025 | ND | 6.34 | 106 | 6.00 | 2.44 | | |
| Total BTEX | <0.300 | 0.300 | 01/20/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 4320 | 16.0 | 01/21/2025 | ND | 448 | 112 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/21/2025 | ND | 225 | 112 | 200 | 2.41 | |
| DRO >C10-C28* | 28.3 | 10.0 | 01/21/2025 | ND | 204 | 102 | 200 | 1.86 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/21/2025 | ND | | | | | |

Surrogate: 1-Chlorooctane 98.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.3 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: PITCHFORK COMPRESSOR STATION
 Project Number: 2619
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW - 4 (9') (H250329-04)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 01/20/2025 | ND | 1.92 | 96.2 | 2.00 | 2.93 | |
| Toluene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.10 | 105 | 2.00 | 2.55 | |
| Ethylbenzene* | 0.138 | 0.050 | 01/20/2025 | ND | 2.15 | 107 | 2.00 | 2.55 | GC-NC1 |
| Total Xylenes* | 0.164 | 0.150 | 01/20/2025 | ND | 6.34 | 106 | 6.00 | 2.44 | GC-NC1 |
| Total BTEX | 0.302 | 0.300 | 01/20/2025 | ND | | | | | GC-NC1 |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 3040 | 16.0 | 01/21/2025 | ND | 448 | 112 | 400 | 0.00 | | |

| TPH 8015M | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 18.0 | 10.0 | 01/21/2025 | ND | 225 | 112 | 200 | 2.41 | |
| DRO >C10-C28* | 344 | 10.0 | 01/21/2025 | ND | 204 | 102 | 200 | 1.86 | |
| EXT DRO >C28-C36 | 61.5 | 10.0 | 01/21/2025 | ND | | | | | |

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: PITCHFORK COMPRESSOR STATION
 Project Number: 2619
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW - 5 (9') (H250329-05)

| BTX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 01/20/2025 | ND | 1.92 | 96.2 | 2.00 | 2.93 | | |
| Toluene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.10 | 105 | 2.00 | 2.55 | | |
| Ethylbenzene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.15 | 107 | 2.00 | 2.55 | | |
| Total Xylenes* | <0.150 | 0.150 | 01/20/2025 | ND | 6.34 | 106 | 6.00 | 2.44 | | |
| Total BTX | <0.300 | 0.300 | 01/20/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 8560 | 16.0 | 01/21/2025 | ND | 448 | 112 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/21/2025 | ND | 225 | 112 | 200 | 2.41 | |
| DRO >C10-C28* | 133 | 10.0 | 01/21/2025 | ND | 204 | 102 | 200 | 1.86 | |
| EXT DRO >C28-C36 | 24.4 | 10.0 | 01/21/2025 | ND | | | | | |

Surrogate: 1-Chlorooctane 98.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: PITCHFORK COMPRESSOR STATION
 Project Number: 2619
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW - 6 (10') (H250329-06)

| BTX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 01/20/2025 | ND | 1.92 | 96.2 | 2.00 | 2.93 | | |
| Toluene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.10 | 105 | 2.00 | 2.55 | | |
| Ethylbenzene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.15 | 107 | 2.00 | 2.55 | | |
| Total Xylenes* | <0.150 | 0.150 | 01/20/2025 | ND | 6.34 | 106 | 6.00 | 2.44 | | |
| Total BTX | <0.300 | 0.300 | 01/20/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 1010 | 16.0 | 01/21/2025 | ND | 448 | 112 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/21/2025 | ND | 225 | 112 | 200 | 2.41 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/21/2025 | ND | 204 | 102 | 200 | 1.86 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/21/2025 | ND | | | | | |

Surrogate: 1-Chlorooctane 99.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: PITCHFORK COMPRESSOR STATION
 Project Number: 2619
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW - 7 (10') (H250329-07)

| BTX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 01/20/2025 | ND | 1.92 | 96.2 | 2.00 | 2.93 | | |
| Toluene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.10 | 105 | 2.00 | 2.55 | | |
| Ethylbenzene* | <0.050 | 0.050 | 01/20/2025 | ND | 2.15 | 107 | 2.00 | 2.55 | | |
| Total Xylenes* | <0.150 | 0.150 | 01/20/2025 | ND | 6.34 | 106 | 6.00 | 2.44 | | |
| Total BTX | <0.300 | 0.300 | 01/20/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 4800 | 16.0 | 01/21/2025 | ND | 448 | 112 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/21/2025 | ND | 225 | 112 | 200 | 2.41 | |
| DRO >C10-C28* | 334 | 10.0 | 01/21/2025 | ND | 204 | 102 | 200 | 1.86 | |
| EXT DRO >C28-C36 | 77.0 | 10.0 | 01/21/2025 | ND | | | | | |

Surrogate: 1-Chlorooctane 99.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: PITCHFORK COMPRESSOR STATION
 Project Number: 2619
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW - 8 (10') (H250329-08)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 01/20/2025 | ND | 1.89 | 94.4 | 2.00 | 1.75 | | |
| Toluene* | <0.050 | 0.050 | 01/20/2025 | ND | 1.98 | 98.9 | 2.00 | 1.56 | | |
| Ethylbenzene* | <0.050 | 0.050 | 01/20/2025 | ND | 1.90 | 94.8 | 2.00 | 1.14 | | |
| Total Xylenes* | <0.150 | 0.150 | 01/20/2025 | ND | 5.60 | 93.4 | 6.00 | 1.13 | | |
| Total BTEX | <0.300 | 0.300 | 01/20/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 48.0 | 16.0 | 01/21/2025 | ND | 448 | 112 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/21/2025 | ND | 225 | 112 | 200 | 2.41 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/21/2025 | ND | 204 | 102 | 200 | 1.86 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/21/2025 | ND | | | | | |

Surrogate: 1-Chlorooctane 95.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

| | |
|--------|--|
| GC-NC1 | 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds. |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report |

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: 1850329

Page 1 of 1

| | | | |
|------------------|-----------------------|-------------------------|-----------------------------|
| Project Manager: | Conner Moehring | Bill to: (if different) | Todd Wells |
| Company Name: | Carmona Resources | Company Name: | EOG Resources |
| Address: | 310 W Wall St Ste 500 | Address: | 5509 Champions Dr |
| City, State ZIP: | Midland, TX 79701 | City, State ZIP: | Midland, Tx 79706 |
| Phone: | (432) 813-6823 | Email: | Todd Wells@eogresources.com |

| | |
|---|--|
| Work Order Comments | |
| Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Deepfund <input type="checkbox"/> | |
| State of Project: | |
| Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/> | |
| Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: | |

| Project Information | | | | Turn Around | | Parameters | | ANALYSIS REQUEST | | | | | | | | | | | | Preservative Codes | |
|-----------------------|------------------------------|---|---|------------------------|----------|---|-----------|------------------|---|---|--|--|--|--|--|--|--|--|--|---|----------------------------|
| Project Name: | Pitchfork Compressor Station | 2619 | <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush | Due Date: | 24 Hours | Pres. Code | | | | | | | | | | | | | | None: NO | DI Water: H ₂ O |
| Project Location: | Lea County, New Mexico | | | | | | | | | | | | | | | | | | | Cool: Cool | MeOH: Me |
| Sampler's Name: | GPU / KR | | | | | | | | | | | | | | | | | | | HCL: HC | HNO ₃ : HN |
| PO #: | | Temp Blank: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Thermometer ID: | Wet Ice: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | | | | | | | | | | | | | | H ₂ SO ₄ : H ₂ | NaOH: Na |
| SAMPLE RECEIPT | | Received Intact: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Correction Factor: | | | | | | | | | | | | | | | | NaHSO ₄ : HP | |
| Cooler Custody Seals: | | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | | Temperature Reading: | | | | | | | | | | | | | | | | Na ₂ S ₂ O ₃ : NABIS | |
| Sample Custody Seals: | | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | | Corrected Temperature: | | | | | | | | | | | | | | | | Na ₂ S ₂ O ₃ : NaSO ₃ | |
| Total Containers: | | | | | | | | | | | | | | | | | | | | NaOH+Ascorbic Acid: SAPC | |
| Sample Identification | | Date | Time | Soil | Water | Grab/Comp | # of Cont | | | | | | | | | | | | | Sample Comments | |
| SW-1 (8') | | 1/16/2025 | | X | | G | 1 | X | X | X | | | | | | | | | | | |
| SW-2 (8') | | 1/16/2025 | | X | | G | 1 | X | X | X | | | | | | | | | | | |
| SW-3 (8') | | 1/16/2025 | | X | | G | 1 | X | X | X | | | | | | | | | | | |
| SW-4 (9') | | 1/16/2025 | | X | | G | 1 | X | X | X | | | | | | | | | | | |
| SW-5 (9') | | 1/16/2025 | | X | | G | 1 | X | X | X | | | | | | | | | | | |
| SW-6 (10') | | 1/16/2025 | | X | | G | 1 | X | X | X | | | | | | | | | | | |
| SW-7 (10') | | 1/16/2025 | | X | | G | 1 | X | X | X | | | | | | | | | | | |
| SW-8 (10') | | 1/16/2025 | | X | | G | 1 | X | X | X | | | | | | | | | | | |

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

| | | | |
|------------------------------|-----------|--------------------------|-----------|
| Relinquished by: (Signature) | Date/Time | Received by: (Signature) | Date/Time |
| | 4/20/25 | | 4/20/25 |



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

January 21, 2025

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: PITCHFORK COMPRESSOR STATION

Enclosed are the results of analyses for samples received by the laboratory on 01/20/25 14:12.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

| | |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: PITCHFORK COMPRESSOR STATION
 Project Number: 2619
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 1 (0-0.5') (H250330-01)

| BTX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 01/20/2025 | ND | 1.89 | 94.4 | 2.00 | 1.75 | |
| Toluene* | <0.050 | 0.050 | 01/20/2025 | ND | 1.98 | 98.9 | 2.00 | 1.56 | |
| Ethylbenzene* | <0.050 | 0.050 | 01/20/2025 | ND | 1.90 | 94.8 | 2.00 | 1.14 | |
| Total Xylenes* | <0.150 | 0.150 | 01/20/2025 | ND | 5.60 | 93.4 | 6.00 | 1.13 | |
| Total BTX | <0.300 | 0.300 | 01/20/2025 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 01/21/2025 | ND | 448 | 112 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/20/2025 | ND | 200 | 100 | 200 | 2.84 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/20/2025 | ND | 189 | 94.3 | 200 | 2.80 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/20/2025 | ND | | | | | |

Surrogate: 1-Chlorooctane 90.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: PITCHFORK COMPRESSOR STATION
 Project Number: 2619
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 2 (0-0.5') (H250330-02)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 01/20/2025 | ND | 1.89 | 94.4 | 2.00 | 1.75 | | |
| Toluene* | <0.050 | 0.050 | 01/20/2025 | ND | 1.98 | 98.9 | 2.00 | 1.56 | | |
| Ethylbenzene* | <0.050 | 0.050 | 01/20/2025 | ND | 1.90 | 94.8 | 2.00 | 1.14 | | |
| Total Xylenes* | <0.150 | 0.150 | 01/20/2025 | ND | 5.60 | 93.4 | 6.00 | 1.13 | | |
| Total BTEX | <0.300 | 0.300 | 01/20/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16.0 | 16.0 | 01/21/2025 | ND | 448 | 112 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/20/2025 | ND | 200 | 100 | 200 | 2.84 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/20/2025 | ND | 189 | 94.3 | 200 | 2.80 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/20/2025 | ND | | | | | |

Surrogate: 1-Chlorooctane 96.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.0 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: PITCHFORK COMPRESSOR STATION
 Project Number: 2619
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 3 (0-0.5') (H250330-03)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 01/20/2025 | ND | 1.89 | 94.4 | 2.00 | 1.75 | | |
| Toluene* | <0.050 | 0.050 | 01/20/2025 | ND | 1.98 | 98.9 | 2.00 | 1.56 | | |
| Ethylbenzene* | <0.050 | 0.050 | 01/20/2025 | ND | 1.90 | 94.8 | 2.00 | 1.14 | | |
| Total Xylenes* | <0.150 | 0.150 | 01/20/2025 | ND | 5.60 | 93.4 | 6.00 | 1.13 | | |
| Total BTEX | <0.300 | 0.300 | 01/20/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 01/21/2025 | ND | 448 | 112 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/20/2025 | ND | 200 | 100 | 200 | 2.84 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/20/2025 | ND | 189 | 94.3 | 200 | 2.80 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/20/2025 | ND | | | | | |

Surrogate: 1-Chlorooctane 99.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.2 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: PITCHFORK COMPRESSOR STATION
 Project Number: 2619
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 4 (0-0.5') (H250330-04)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 01/20/2025 | ND | 1.89 | 94.4 | 2.00 | 1.75 | | |
| Toluene* | <0.050 | 0.050 | 01/20/2025 | ND | 1.98 | 98.9 | 2.00 | 1.56 | | |
| Ethylbenzene* | <0.050 | 0.050 | 01/20/2025 | ND | 1.90 | 94.8 | 2.00 | 1.14 | | |
| Total Xylenes* | <0.150 | 0.150 | 01/20/2025 | ND | 5.60 | 93.4 | 6.00 | 1.13 | | |
| Total BTEX | <0.300 | 0.300 | 01/20/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 01/21/2025 | ND | 448 | 112 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/20/2025 | ND | 200 | 100 | 200 | 2.84 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/20/2025 | ND | 189 | 94.3 | 200 | 2.80 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/20/2025 | ND | | | | | |

Surrogate: 1-Chlorooctane 98.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.8 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: PITCHFORK COMPRESSOR STATION
 Project Number: 2619
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 5 (0-0.5') (H250330-05)

| BTX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 01/20/2025 | ND | 1.89 | 94.4 | 2.00 | 1.75 | | |
| Toluene* | <0.050 | 0.050 | 01/20/2025 | ND | 1.98 | 98.9 | 2.00 | 1.56 | | |
| Ethylbenzene* | <0.050 | 0.050 | 01/20/2025 | ND | 1.90 | 94.8 | 2.00 | 1.14 | | |
| Total Xylenes* | <0.150 | 0.150 | 01/20/2025 | ND | 5.60 | 93.4 | 6.00 | 1.13 | | |
| Total BTX | <0.300 | 0.300 | 01/20/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 01/21/2025 | ND | 448 | 112 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/20/2025 | ND | 200 | 100 | 200 | 2.84 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/20/2025 | ND | 189 | 94.3 | 200 | 2.80 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/20/2025 | ND | | | | | |

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: PITCHFORK COMPRESSOR STATION
 Project Number: 2619
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 6 (0-0.5') (H250330-06)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 01/20/2025 | ND | 1.89 | 94.4 | 2.00 | 1.75 | | |
| Toluene* | <0.050 | 0.050 | 01/20/2025 | ND | 1.98 | 98.9 | 2.00 | 1.56 | | |
| Ethylbenzene* | <0.050 | 0.050 | 01/20/2025 | ND | 1.90 | 94.8 | 2.00 | 1.14 | | |
| Total Xylenes* | <0.150 | 0.150 | 01/20/2025 | ND | 5.60 | 93.4 | 6.00 | 1.13 | | |
| Total BTEx | <0.300 | 0.300 | 01/20/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 01/21/2025 | ND | 448 | 112 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/20/2025 | ND | 200 | 100 | 200 | 2.84 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/20/2025 | ND | 189 | 94.3 | 200 | 2.80 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/20/2025 | ND | | | | | |

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: PITCHFORK COMPRESSOR STATION
 Project Number: 2619
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 7 (0-0.5') (H250330-07)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 01/20/2025 | ND | 1.89 | 94.4 | 2.00 | 1.75 | | |
| Toluene* | <0.050 | 0.050 | 01/20/2025 | ND | 1.98 | 98.9 | 2.00 | 1.56 | | |
| Ethylbenzene* | <0.050 | 0.050 | 01/20/2025 | ND | 1.90 | 94.8 | 2.00 | 1.14 | | |
| Total Xylenes* | <0.150 | 0.150 | 01/20/2025 | ND | 5.60 | 93.4 | 6.00 | 1.13 | | |
| Total BTEX | <0.300 | 0.300 | 01/20/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 01/21/2025 | ND | 448 | 112 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/20/2025 | ND | 200 | 100 | 200 | 2.84 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/20/2025 | ND | 189 | 94.3 | 200 | 2.80 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/20/2025 | ND | | | | | |

Surrogate: 1-Chlorooctane 99.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.8 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 01/20/2025
 Reported: 01/21/2025
 Project Name: PITCHFORK COMPRESSOR STATION
 Project Number: 2619
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 01/16/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 8 (0-0.5') (H250330-08)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 01/20/2025 | ND | 1.89 | 94.4 | 2.00 | 1.75 | | |
| Toluene* | <0.050 | 0.050 | 01/20/2025 | ND | 1.98 | 98.9 | 2.00 | 1.56 | | |
| Ethylbenzene* | <0.050 | 0.050 | 01/20/2025 | ND | 1.90 | 94.8 | 2.00 | 1.14 | | |
| Total Xylenes* | <0.150 | 0.150 | 01/20/2025 | ND | 5.60 | 93.4 | 6.00 | 1.13 | | |
| Total BTEx | <0.300 | 0.300 | 01/20/2025 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16.0 | 16.0 | 01/21/2025 | ND | 448 | 112 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/20/2025 | ND | 200 | 100 | 200 | 2.84 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/20/2025 | ND | 189 | 94.3 | 200 | 2.80 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/20/2025 | ND | | | | | |

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

| | |
|-----|--|
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report |

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: 1050380

Page 1 of 1

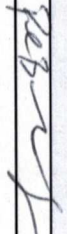

| | | | |
|------------------|-----------------------|-------------------------|-----------------------------|
| Project Manager: | Commer Moehring | Bill to: (if different) | Todd Wells |
| Company Name: | Carmona Resources | Company Name: | EOG Resources |
| Address: | 310 W Wall St Ste 500 | Address: | 5509 Champions Dr |
| City, State ZIP: | Midland, TX 79701 | City, State ZIP: | Midland, Tx 79706 |
| Phone: | (432) 813-6823 | Email: | Todd Wells@eogresources.com |

| | | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|--|---|------------------|--|--|--|--|--|--|--|--|--|--|--|---|----------------------------|
| Project Name: | | Pitchfork Compressor Station | Turn Around | Pres. Code | ANALYSIS REQUEST | | | | | | | | | | | | Preservative Codes | |
| Project Number: | 2619 | <input type="checkbox"/> Routine | <input checked="" type="checkbox"/> Rush | | | | | | | | | | | | | | None: NO | DI Water: H ₂ O |
| Project Location: | Lea County, New Mexico | Due Date: | 24 Hours | | | | | | | | | | | | | | Cool: Cool | MeOH: Me |
| Sampler's Name: | GPJ / KR | | | | | | | | | | | | | | | | HCL: HC | HNO ₃ : HN |
| PO #: | | | | | | | | | | | | | | | | | H ₂ SO ₄ : H ₂ | NaOH: Na |
| SAMPLE RECEIPT | Temp Blank: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Wet Ice: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | | | | | | | | | | | | | H ₃ PO ₄ : HP | |
| Received Intact: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Thermometer ID: | #140 | | | | | | | | | | | | | | NaHSO ₄ : NABIS | |
| Cooler Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Correction Factor: | 60.4°C | | | | | | | | | | | | | | Na ₂ S ₂ O ₅ : NaSO ₃ | |
| Sample Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Temperature Reading: | 0.0°C | | | | | | | | | | | | | | Zn Acetate+NaOH: Zn | |
| Total Containers: | | Corrected Temperature: | 0.3°C | | | | | | | | | | | | | | NaOH+Ascorbic Acid: SACP | |

| | | | | | |
|--------------------|------------------------------------|---------------------------------|--------------------------------------|-----------------------------------|------------------------------------|
| Program: UST/PT | | <input type="checkbox"/> PRP | <input type="checkbox"/> Brownfields | <input type="checkbox"/> RC | <input type="checkbox"/> Inertfund |
| State of Project: | | | | | |
| Reporting Level II | <input type="checkbox"/> Level III | <input type="checkbox"/> ST/UST | <input type="checkbox"/> RRP | <input type="checkbox"/> Level IV | <input type="checkbox"/> |
| Deliverables: EDD | <input type="checkbox"/> | ADAPT | <input type="checkbox"/> | Other: | |

| Project Name: | | Pitchfork Compressor Station | | Turn Around | | Pres. Code | ANALYSIS REQUEST | | | | | | | | | | | | Preservative Codes | |
|-----------------------|------------------------|--|--|------------------------|----------|--|------------------------------|---|---|---|--|--|--|--|--|--|--|---|----------------------------|-----------------|
| Project Number: | 2619 | <input type="checkbox"/> Routine | <input checked="" type="checkbox"/> Rush | Due Date: | 24 Hours | | | | | | | | | | | | | None: NO | DI Water: H ₂ O | |
| Project Location: | Lea County, New Mexico | | | | | | | | | | | | | | | | | Cool: Cool | MeOH: Me | |
| Sampler's Name: | GPJ / KR | | | | | | | | | | | | | | | | | HCL: HC | HNO ₃ : HN | |
| PO #: | | | | | | | | | | | | | | | | | | H ₂ SO ₄ : H ₂ | NaOH: Na | |
| SAMPLE RECEIPT | | Temp Blank: | Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> | Thermometer ID: | Wet Ice: | Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> | Parameters | | | | | | | | | | | | | |
| Received In tact: | | Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> | | | | | BTEx 8021B | | | | | | | | | | | | | |
| Cooler Custody Seals: | | Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> | N/A | Correction Factor: | | | TPH 8015M (GRO + DRO + MRO) | | | | | | | | | | | | | |
| Sample Custody Seals: | | Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> | N/A | Temperature Reading: | | | Chloride 4500 | | | | | | | | | | | | | |
| Total Containers: | | | | Corrected Temperature: | | | | | | | | | | | | | | | | |
| Sample Identification | | Date | Time | Soil | Water | Grab/ Comp | # of Cont | | | | | | | | | | | | | Sample Comments |
| H-1 (0-0.5') | | 1/16/2025 | | X | | G | 1 | X | X | X | | | | | | | | | | |
| H-2 (0-0.5') | | 1/16/2025 | | X | | G | 1 | X | X | X | | | | | | | | | | |
| H-3 (0-0.5') | | 1/16/2025 | | X | | G | 1 | X | X | X | | | | | | | | | | |
| H-4 (0-0.5') | | 1/16/2025 | | X | | G | 1 | X | X | X | | | | | | | | | | |
| H-5 (0-0.5') | | 1/16/2025 | | X | | G | 1 | X | X | X | | | | | | | | | | |
| H-6 (0-0.5') | | 1/16/2025 | | X | | G | 1 | X | X | X | | | | | | | | | | |
| H-7 (0-0.5') | | 1/16/2025 | | X | | G | 1 | X | X | X | | | | | | | | | | |
| H-8 (0-0.5') | | 1/16/2025 | | X | | G | 1 | X | X | X | | | | | | | | | | |
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Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Commer Moehring / cmoehring@carmonaresources.com

| | | | | |
|---|--|-----------|---|----------------|
| Relinquished by: (Signature) | | Date/Time | Received by: (Signature) | Date/Time |
|  | | 1/20/25 |  | 1-20-25/1/11/2 |

APPENDIX F

CARMONA RESOURCES



Soil Map—Lea County, New Mexico
(Soil Map - Lea Area, New Mexico)



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

3/11/2025
Page 1 of 3

Soil Map—Lea County, New Mexico
(Soil Map - Lea Area, New Mexico)

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 21, Sep 3, 2024

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.



Natural Resources
Conservation Service

Map Unit Legend

| Map Unit Symbol | Map Unit Name | Acres in AOI | Percent of AOI |
|-----------------------------|--|--------------|----------------|
| BE | Berino-Cacique loamy fine sands association | 0.2 | 100.0% |
| Totals for Area of Interest | | 0.2 | 100.0% |

Lea County, New Mexico

BE—Berino-Cacique loamy fine sands association

Map Unit Setting

National map unit symbol: dmpd

Elevation: 3,000 to 3,900 feet

Mean annual precipitation: 10 to 13 inches

Mean annual air temperature: 60 to 62 degrees F

Frost-free period: 190 to 205 days

Farmland classification: Not prime farmland

Map Unit Composition

Berino and similar soils: 50 percent

Cacique and similar soils: 40 percent

Minor components: 10 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Berino

Setting

Landform: Plains

Landform position (three-dimensional): Rise

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Sandy eolian deposits derived from sedimentary rock over calcareous sandy alluvium derived from sedimentary rock

Typical profile

A - 0 to 6 inches: loamy fine sand

Btk - 6 to 60 inches: sandy clay loam

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Low

Capacity of the most limiting layer to transmit water

(Ksat): Moderately high to high (0.60 to 2.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 40 percent

Gypsum, maximum content: 1 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 2.0

Available water supply, 0 to 60 inches: Moderate (about 8.7 inches)

Map Unit Description: Berino-Cacique loamy fine sands association---Lea County, New Mexico

Soil Map - Lea Area, New Mexico

Interpretive groups*Land capability classification (irrigated):* None specified*Land capability classification (nonirrigated):* 7c*Hydrologic Soil Group:* B*Ecological site:* R070BD003NM - Loamy Sand*Hydric soil rating:* No**Description of Cacique****Setting***Landform:* Plains*Landform position (three-dimensional):* Rise*Down-slope shape:* Linear*Across-slope shape:* Linear*Parent material:* Calcareous eolian deposits derived from sedimentary rock**Typical profile***A - 0 to 12 inches:* loamy fine sand*Bt - 12 to 28 inches:* sandy clay loam*Bkm - 28 to 38 inches:* cemented material**Properties and qualities***Slope:* 0 to 3 percent*Depth to restrictive feature:* 20 to 40 inches to petrocalcic*Drainage class:* Well drained*Runoff class:* High*Capacity of the most limiting layer to transmit water (Ksat):* Very low to moderately low (0.00 to 0.06 in/hr)*Depth to water table:* More than 80 inches*Frequency of flooding:* None*Frequency of ponding:* None*Calcium carbonate, maximum content:* 5 percent*Gypsum, maximum content:* 1 percent*Maximum salinity:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)*Sodium adsorption ratio, maximum:* 2.0*Available water supply, 0 to 60 inches:* Low (about 3.6 inches)**Interpretive groups***Land capability classification (irrigated):* None specified*Land capability classification (nonirrigated):* 7c*Hydrologic Soil Group:* C*Ecological site:* R070BD004NM - Sandy*Hydric soil rating:* No**Minor Components****Maljamar***Percent of map unit:* 6 percent*Ecological site:* R077CY028TX - Limy Upland 16-21" PZ*Hydric soil rating:* No

Map Unit Description: Berino-Cacique loamy fine sands association---Lea County, New Mexico

Soil Map - Lea Area, New Mexico

Palomas

Percent of map unit: 4 percent

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 21, Sep 3, 2024

(28)

BLM SERIAL #:

COMPANY REFERENCE:

3.3 Seed Mixture 2, for Sandy Sites

The holder shall seed all disturbed areas with the seed mixture listed below. The seed mixture shall be planted in the amounts specified in pounds of pure live seed (PLS)* per acre. There shall be no primary or secondary noxious weeds in the seed mixture. Seed will be tested and the viability testing of seed will be done in accordance with State law (s) and within nine (9) months prior to purchase. Commercial seed will be either certified or registered seed. The seed container will be tagged in accordance with State law(s) and available for inspection by the authorized officer.

Seed will be planted using a drill equipped with a depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture will be evenly and uniformly planted over the disturbed area (smaller/heavier seeds have a tendency to drop the bottom of the drill and are planted first). The holder shall take appropriate measures to ensure this does not occur. Where drilling is not possible, seed will be broadcast and the area shall be raked or chained to cover the seed. When broadcasting the seed, the pounds per acre are to be doubled. The seeding will be repeated until a satisfactory stand is established as determined by the authorized officer. Evaluation of growth will not be made before completion of at least one full growing season after seeding.

Species to be planted in pounds of pure live seed* per acre:

| <u>Species</u> | <u>lb/acre</u> |
|---|----------------|
| Sand dropseed (<i>Sporobolus cryptandrus</i>) | 1.0 |
| Sand love grass (<i>Eragrostis trichodes</i>) | 1.0 |
| Plains bristlegrass (<i>Setaria macrostachya</i>) | 2.0 |

*Pounds of pure live seed: Pounds of seed x percent purity x percent germination = pounds pure live seed

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

QUESTIONS

Action 450540

QUESTIONS

| | |
|---|--|
| Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706 | OGRID: 7377 |
| | Action Number: 450540 |
| | Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan) |

QUESTIONS

| | |
|----------------------|--|
| Prerequisites | |
| Incident ID (n#) | nAPP2501557773 |
| Incident Name | NAPP2501557773 PITCHFORK COMPRESSOR STATION PIPELINE @ 0 |
| Incident Type | Produced Water Release |
| Incident Status | Remediation Plan Received |

| | |
|---|---------------------------------------|
| Location of Release Source | |
| <i>Please answer all the questions in this group.</i> | |
| Site Name | Pitchfork Compressor Station Pipeline |
| Date Release Discovered | 12/30/2024 |
| Surface Owner | Federal |

| | |
|--|------------------------|
| Incident Details | |
| <i>Please answer all the questions in this group.</i> | |
| Incident Type | Produced Water Release |
| Did this release result in a fire or is the result of a fire | No |
| Did this release result in any injuries | No |
| Has this release reached or does it have a reasonable probability of reaching a watercourse | No |
| Has this release endangered or does it have a reasonable probability of endangering public health | No |
| Has this release substantially damaged or will it substantially damage property or the environment | No |
| Is this release of a volume that is or may with reasonable probability be detrimental to fresh water | No |

| | |
|---|---|
| Nature and Volume of Release | |
| <i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i> | |
| Crude Oil Released (bbls) Details | Not answered. |
| Produced Water Released (bbls) Details | Cause: Human Error Pipeline (Any) Produced Water Released: 559 BBL Recovered: 540 BBL Lost: 19 BBL. |
| Is the concentration of chloride in the produced water >10,000 mg/l | Yes |
| Condensate Released (bbls) Details | Not answered. |
| Natural Gas Vented (Mcf) Details | Not answered. |
| Natural Gas Flared (Mcf) Details | Not answered. |
| Other Released Details | Not answered. |
| Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts) | Not answered. |

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

QUESTIONS, Page 2

Action 450540

QUESTIONS (continued)

| | |
|---|--|
| Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706 | OGRID: 7377 |
| | Action Number: 450540 |
| | Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan) |

QUESTIONS

| Nature and Volume of Release (continued) | |
|---|--|
| Is this a gas only submission (i.e. only significant Mcf values reported) | No, according to supplied volumes this does not appear to be a "gas only" report. |
| Was this a major release as defined by Subsection A of 19.15.29.7 NMAC | Yes |
| Reasons why this would be considered a submission for a notification of a major release | From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more. |
| With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form. | |

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

| | |
|--|---------------|
| The source of the release has been stopped | True |
| The impacted area has been secured to protect human health and the environment | True |
| Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices | True |
| All free liquids and recoverable materials have been removed and managed appropriately | True |
| If all the actions described above have not been undertaken, explain why | Not answered. |

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

| | |
|--|---|
| I hereby agree and sign off to the above statement | Name: James Kennedy Title: Environmental Supervisor Email: James_kennedy@eogresources.com Date: 04/09/2025 |
|--|---|

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State of New Mexico
Energy, Minerals and Natural Resources
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QUESTIONS, Page 3

Action 450540

QUESTIONS (continued)

| | |
|---|--|
| Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706 | OGRID: 7377 |
| | Action Number: 450540 |
| | Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan) |

QUESTIONS

| | |
|--|--------------------------------|
| Site Characterization | |
| <i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i> | |
| What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs) | Between 100 and 500 (ft.) |
| What method was used to determine the depth to ground water | NM OSE iWaters Database Search |
| Did this release impact groundwater or surface water | No |
| What is the minimum distance, between the closest lateral extents of the release and the following surface areas: | |
| A continuously flowing watercourse or any other significant watercourse | Between 300 and 500 (ft.) |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) | Between 300 and 500 (ft.) |
| An occupied permanent residence, school, hospital, institution, or church | Greater than 5 (mi.) |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes | Greater than 5 (mi.) |
| Any other fresh water well or spring | Greater than 5 (mi.) |
| Incorporated municipal boundaries or a defined municipal fresh water well field | Greater than 5 (mi.) |
| A wetland | Between 300 and 500 (ft.) |
| A subsurface mine | Greater than 5 (mi.) |
| An (non-karst) unstable area | Greater than 5 (mi.) |
| Categorize the risk of this well / site being in a karst geology | Low |
| A 100-year floodplain | Greater than 5 (mi.) |
| Did the release impact areas not on an exploration, development, production, or storage site | Yes |

| | |
|---|------------|
| Remediation Plan | |
| <i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i> | |
| Requesting a remediation plan approval with this submission | Yes |
| <i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i> | |
| Have the lateral and vertical extents of contamination been fully delineated | Yes |
| Was this release entirely contained within a lined containment area | No |
| Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.) | |
| Chloride (EPA 300.0 or SM4500 Cl B) | 12400 |
| TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M) | 423.5 |
| GRO+DRO (EPA SW-846 Method 8015M) | 362 |
| BTEX (EPA SW-846 Method 8021B or 8260B) | 0.3 |
| Benzene (EPA SW-846 Method 8021B or 8260B) | 0 |
| <i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i> | |
| On what estimated date will the remediation commence | 06/01/2025 |
| On what date will (or did) the final sampling or liner inspection occur | 07/16/2025 |
| On what date will (or was) the remediation complete(d) | 08/30/2025 |
| What is the estimated surface area (in square feet) that will be reclaimed | 2742 |
| What is the estimated volume (in cubic yards) that will be reclaimed | 1152 |
| What is the estimated surface area (in square feet) that will be remediated | 2742 |
| What is the estimated volume (in cubic yards) that will be remediated | 1152 |
| <i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i> | |
| <i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i> | |

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

QUESTIONS, Page 4

Action 450540

QUESTIONS (continued)

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|---|--|
| Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706 | OGRID: 7377 |
| | Action Number: 450540 |
| | Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan) |

QUESTIONS

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| Remediation Plan (continued) | |
| <i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i> | |
| This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants: | |
| <i>(Select all answers below that apply.)</i> | |
| (Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.) | Yes |
| Which OCD approved facility will be used for off-site disposal | TARGA NORTHERN DELAWARE, LLC. [fAPP2123031392] |
| OR which OCD approved well (API) will be used for off-site disposal | Not answered. |
| OR is the off-site disposal site, to be used, out-of-state | Not answered. |
| OR is the off-site disposal site, to be used, an NMED facility | Not answered. |
| (Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms) | No |
| (In Situ) Soil Vapor Extraction | No |
| (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.) | No |
| (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.) | No |
| (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.) | No |
| Ground Water Abatement pursuant to 19.15.30 NMAC | No |
| OTHER (Non-listed remedial process) | No |
| <i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i> | |
| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. | |
| I hereby agree and sign off to the above statement | Name: James Kennedy Title: Environmental Supervisor Email: James_kennedy@eogresources.com Date: 04/09/2025 |
| <i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i> | |

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QUESTIONS, Page 5

Action 450540

QUESTIONS (continued)

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|---|--|
| Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706 | OGRID: 7377 |
| | Action Number: 450540 |
| | Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan) |

QUESTIONS

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| Deferral Requests Only | |
| <i>Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.</i> | |
| Requesting a deferral of the remediation closure due date with the approval of this submission | No |

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QUESTIONS, Page 6

Action 450540

QUESTIONS (continued)

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|---|--|
| Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706 | OGRID: 7377 |
| | Action Number: 450540 |
| | Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan) |

QUESTIONS

| Sampling Event Information | |
|--|----------------|
| Last sampling notification (C-141N) recorded | {Unavailable.} |

| Remediation Closure Request | |
|--|----|
| Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed. | |
| Requesting a remediation closure approval with this submission | No |

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CONDITIONS

Action 450540

CONDITIONS

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|---|--|
| Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706 | OGRID: 7377 |
| | Action Number: 450540 |
| | Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan) |

CONDITIONS

| Created By | Condition | Condition Date |
|---------------|---|----------------|
| scott.rodgers | The Remediation Plan is Conditionally Approved. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Floor confirmation samples should be delineated/excavated to meet closure criteria standards for site assessment/characterization/proven depth to water determination. Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. The variance request to collect confirmation samples every 400 ft2 is approved. All off pad areas must meet reclamation standards set forth in the OCD Spill Rule. The work will need to occur in 90 days after the work plan has been reviewed | 4/11/2025 |