



## SITE INFORMATION

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**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**

310 West Wall Street, Suite 500  
Midland TX, 79701  
432.813.1992

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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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## **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



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**

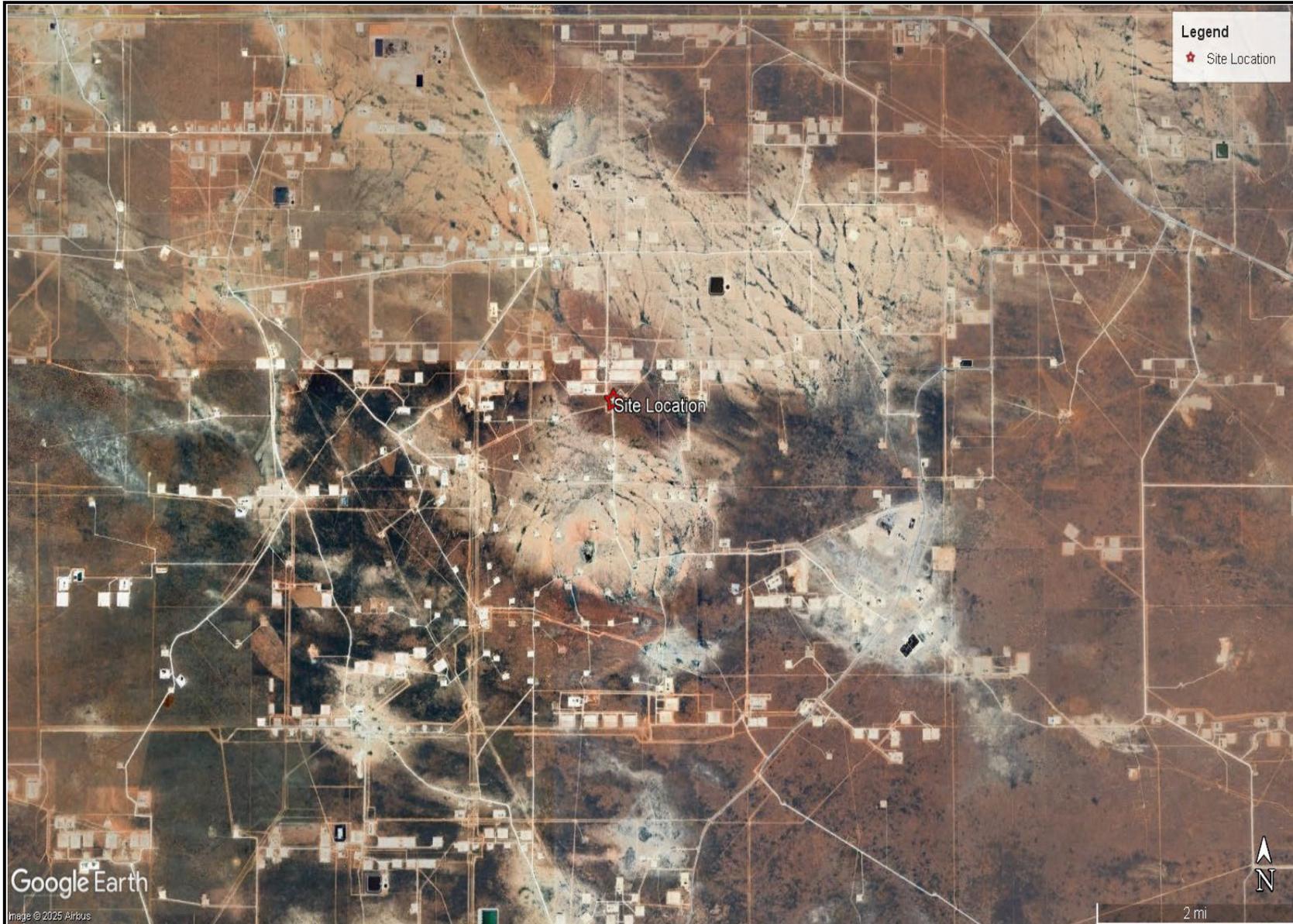
Mike Carmona  
Environmental Manager

Ivan Ramos  
Project Manager

# FIGURES

CARMONA RESOURCES

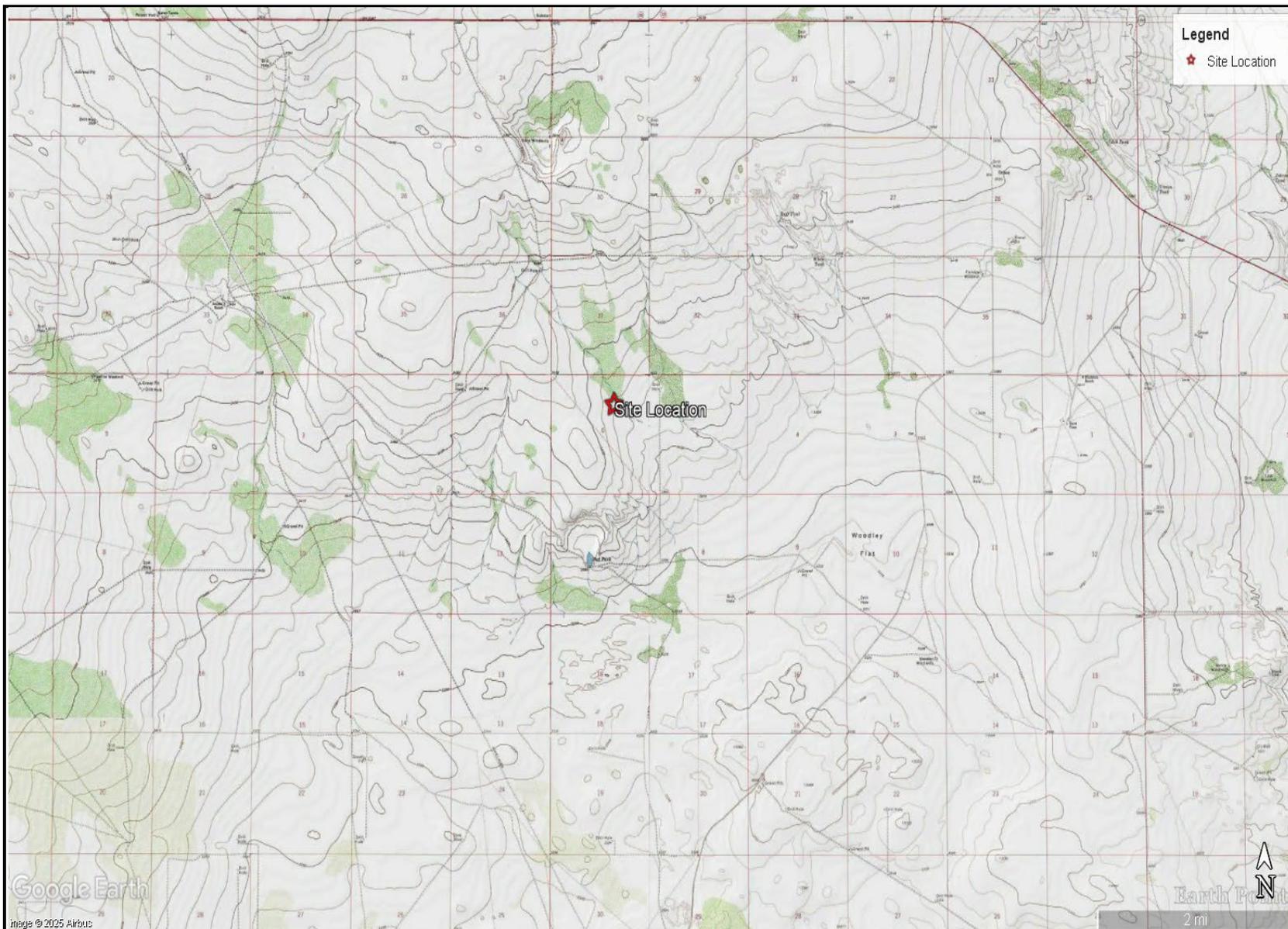




OVERVIEW MAP  
EOG RESOURCES  
PITCHFORK COMPRESSOR STATION  
LEA COUNTY, NEW MEXICO  
32.162972°, -103.506333°



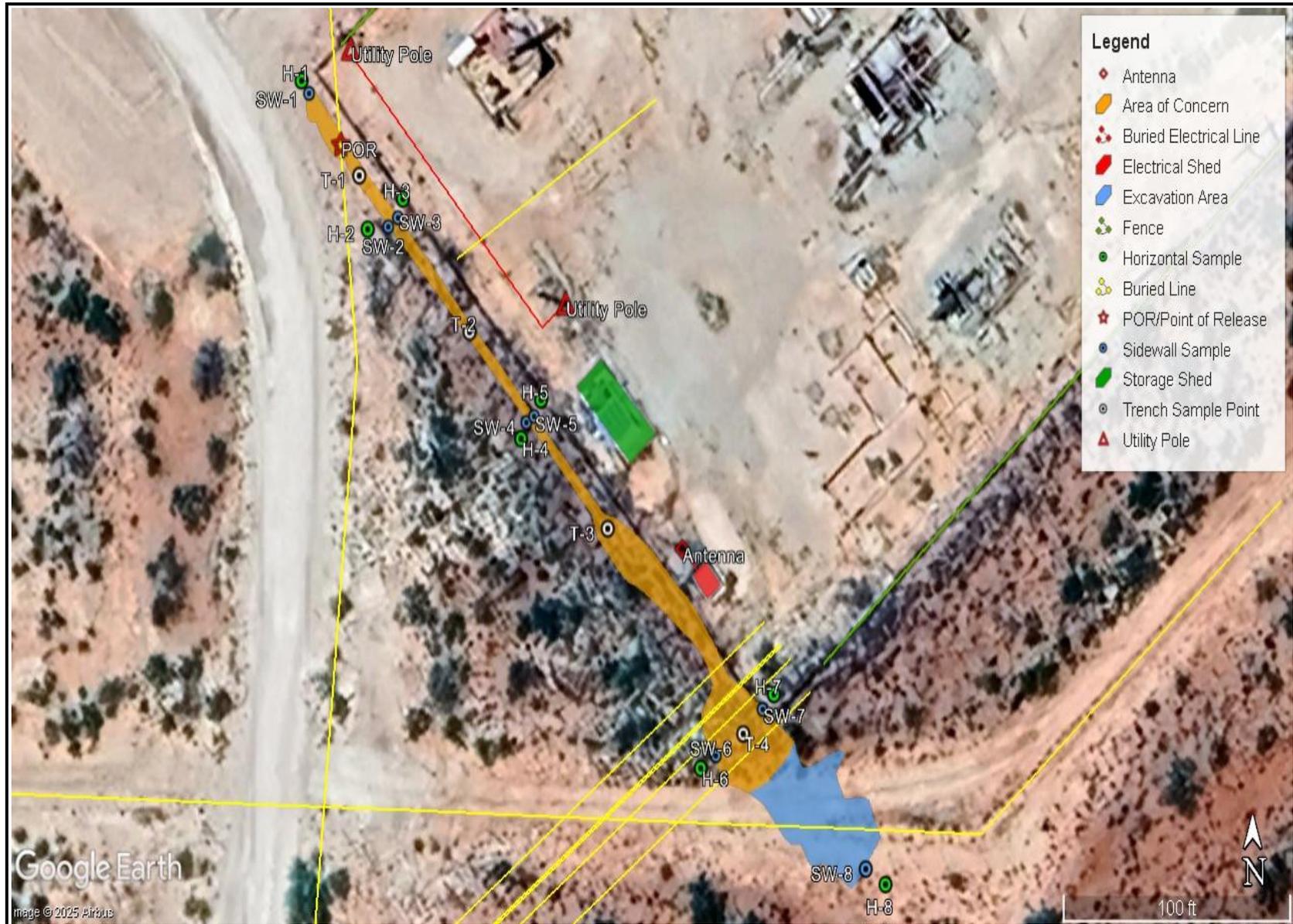
FIGURE 1



TOPOGRAPHIC MAP  
EOG RESOURCES  
PITCHFORK COMPRESSOR STATION  
LEA COUNTY, NEW MEXICO  
32.162972°, -103.506333°



FIGURE 2



Google Earth

Image © 2025 Airbus

SAMPLE LOCATION OVERVIEW MAP  
EOG RESOURCES  
PITCHFORK COMPRESSOR STATION  
LEA COUNTY, NEW MEXICO  
32.162972°, -103.506333°

CARMONA RESOURCES



FIGURE 3



PROPOSED EXCAVATION DEPTH MAP  
EOG RESOURCES  
PITCHFORK COMPRESSOR STATION  
LEA COUNTY, NEW MEXICO  
32.162972°, -103.506333°



FIGURE 4A



Google Earth  
Image © 2025 Airbus

PROPOSED EXCAVATION DEPTH MAP  
EOG RESOURCES  
PITCHFORK COMPRESSOR STATION  
LEA COUNTY, NEW MEXICO  
32.162972°, -103.506333°

CARMONA RESOURCES



FIGURE 4B



<p>RECLAMATION MAP EOG RESOURCES PITCHFORK COMPRESSOR STATION LEA COUNTY, NEW MEXICO 32.162972°, -103.506333°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 5</p>
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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						
<b>T-1</b>	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
<b>T-2</b>	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
<b>T-3</b>	1/16/2025	10-11'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<b>12,400</b>
	"	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
<b>T-4</b>	1/16/2025	10-11'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<b>14,600</b>
	"	12'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<b>10,600</b>
	"	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
<b>Regulatory Criteria<sup>A</sup></b>			<b>1,000 mg/kg</b>		<b>2,500 mg/kg</b>		<b>10 mg/kg</b>				<b>50 mg/kg</b>	<b>10,000 mg/kg</b>

(-) Not Analyzed

<sup>A</sup> – 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						
<b>SW-1</b>	1/16/2025	8'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<b>640</b>
<b>SW-2</b>	1/16/2025	8'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<b>4,240</b>
<b>SW-3</b>	1/16/2025	8'	<10.0	28.3	<10.0	28.3	<0.050	<0.050	<0.050	<0.150	<0.300	<b>4,320</b>
<b>SW-4</b>	1/16/2025	9'	18.0	344	61.5	423.5	<0.050	<0.050	0.138	0.164	0.302	<b>3,040</b>
<b>SW-5</b>	1/16/2025	9'	<10.0	133	24.4	157.4	<0.050	<0.050	<0.050	<0.150	<0.300	<b>8,560</b>
<b>SW-6</b>	1/16/2025	10'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<b>1,010</b>
<b>SW-7</b>	1/16/2025	10'	<10.0	334	77.0	411	<0.050	<0.050	<0.050	<0.150	<0.300	<b>4,800</b>
<b>SW-8</b>	1/16/2025	10'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
<b>Regulatory Criteria<sup>A</sup></b>			<b>1,000 mg/kg</b>		<b>2,500 mg/kg</b>		<b>10 mg/kg</b>				<b>50 mg/kg</b>	<b>600 mg/kg</b>

(-) Not Analyzed

<sup>A</sup> – 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
<i>Regulatory Criteria<sup>A</sup></i>			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed

<sup>A</sup> – 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

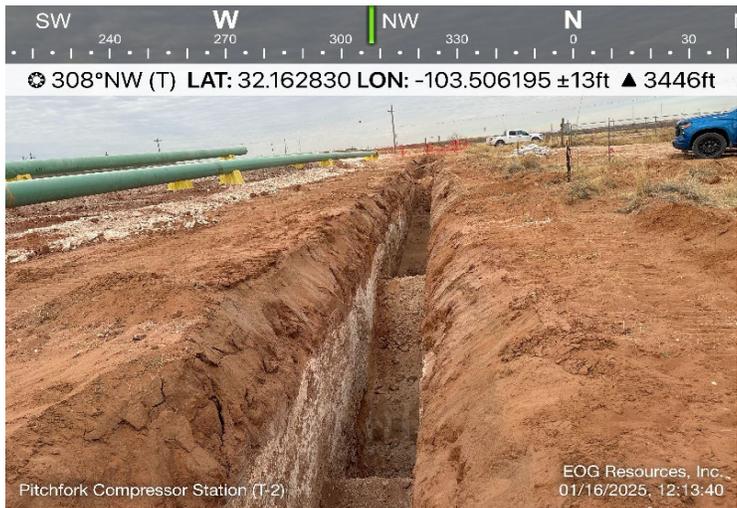


## Photograph No. 2

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

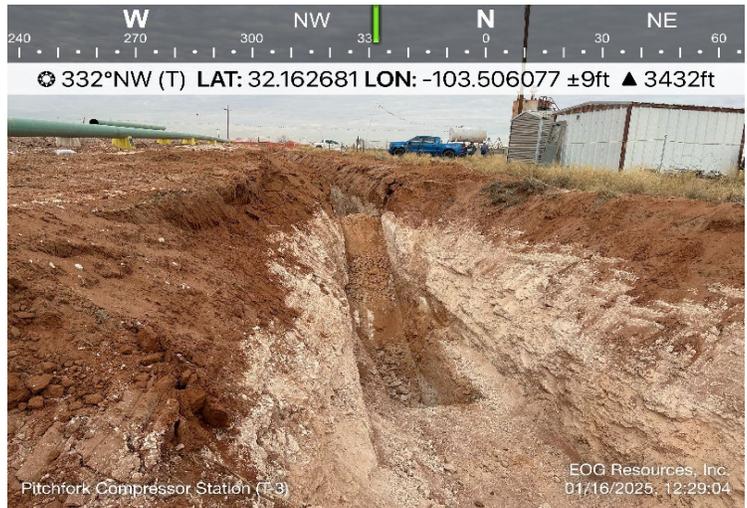
EOG Resources, Inc

## 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

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**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**

<b>Location of Release Source</b>	
<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

<b>Incident Details</b>	
<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

<b>Nature and Volume of Release</b>	
<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.

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 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**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	<b>No, according to supplied volumes this does not appear to be a "gas only" report.</b>
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	<b>Yes</b>
Reasons why this would be considered a submission for a notification of a major release	<b>From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.</b>

*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.*

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

General Information  
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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**

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.

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

General Information  
Phone: (505) 629-6116

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

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

CONDITIONS

Action 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

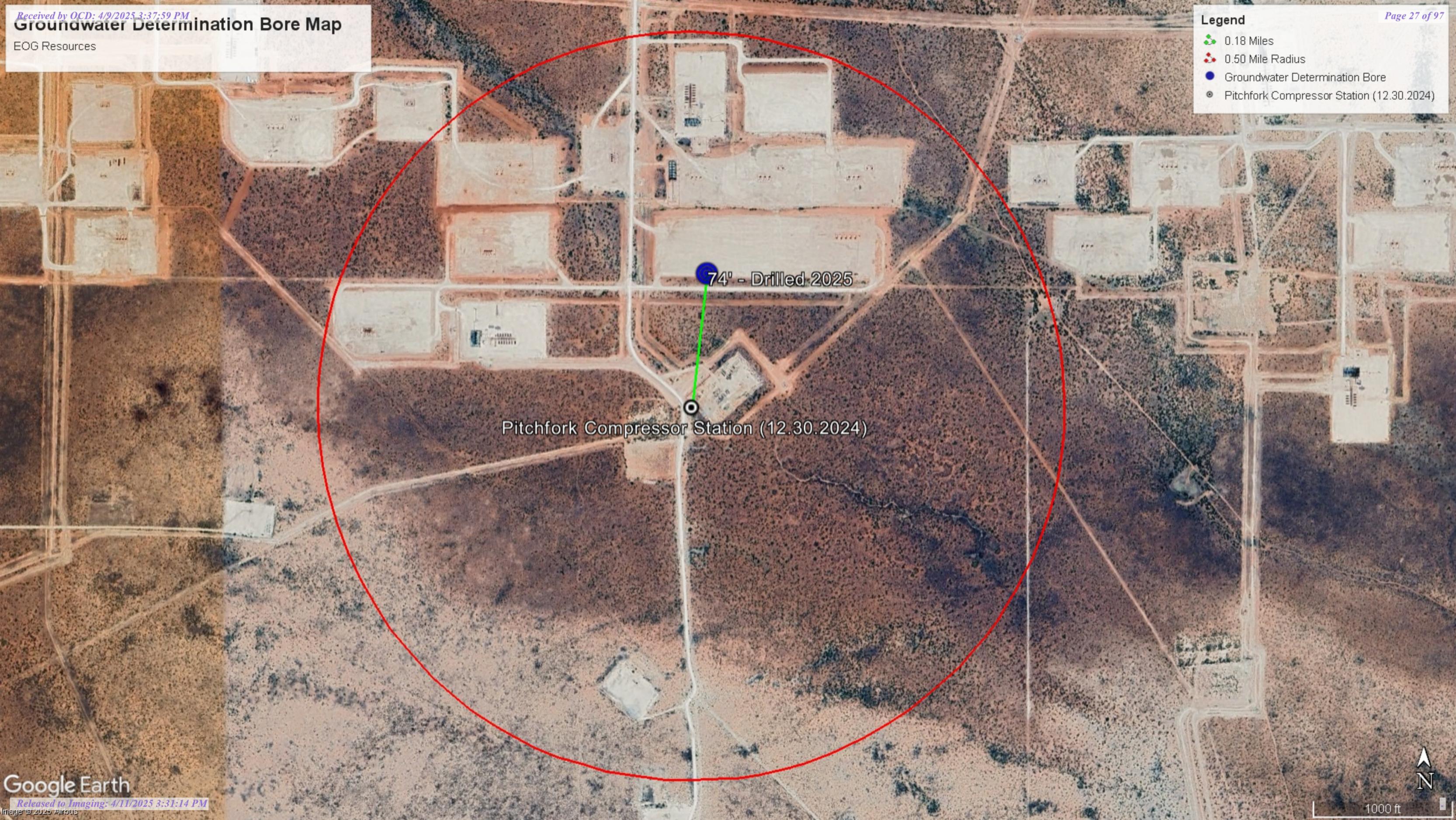
## APPENDIX D

CARMONA RESOURCES



**Legend**

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



74' - Drilled 2025

Pitchfork Compressor Station (12.30.2024)



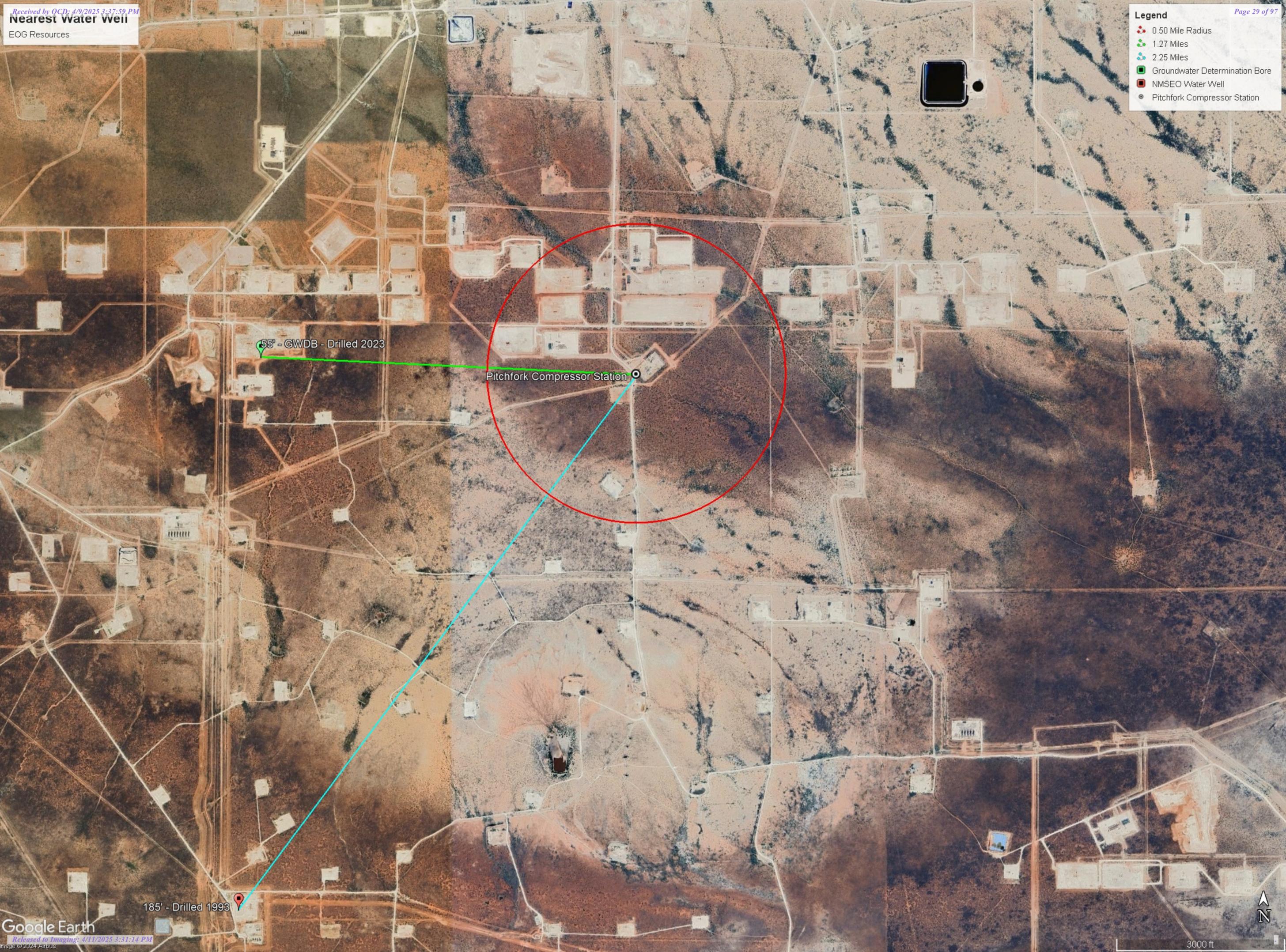
<b>Project Name :</b>	<b>Pitchfork Compressor Station</b>	<b>Date :</b>	<b>Tuesday, February 25, 2025</b>
<b>Project No. :</b>	<b>2619</b>	<b>Sampler :</b>	<b>Ivan Ramos</b>
<b>Location :</b>	<b>Lea County, New Mexico</b>	<b>Driller :</b>	<b>HCI Drilling</b>
<b>Coordinates :</b>	<b>32.165544, -103.505991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

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



185' - Drilled 1993

55' - GWDB - Drilled 2023

Pitchfork Compressor Station

**Legend**

- Low
- Pitchfork Compressor Station



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
<a href="#">C 02373</a>		CUB	LE		SE	NW	32	24S	34E	641979.0	3560916.0 *		1833	600		
<a href="#">C 03603 POD4</a>		CUB	LE	SW	NE	SE	35	24S	33E	637789.1	3560461.3		3207			
<a href="#">C 03601 POD4</a>		CUB	LE	SW	SW	SW	24	24S	33E	638161.8	3561375.0		3283			
<a href="#">C 03600 POD2</a>		CUB	LE	SE	SE	NW	25	24S	33E	638824.5	3562329.6		3493			
<a href="#">C 03602 POD2</a>		CUB	LE	SE	SE	NW	25	24S	33E	638824.5	3562329.6		3493			
<a href="#">C 03603 POD1</a>		CUB	LE	SW	NE	NE	35	24S	33E	637804.9	3561225.4		3503			
<a href="#">C 02373 S</a>		CUB	LE	NW	NE	NW	13	25S	33E	638721.0	3556549.0 *		3615	625	185	440
<a href="#">C 02309</a>		CUB	LE	NE	NE	NE	25	24S	33E	639708.5	3562997.8		3698	60	30	30
<a href="#">C 02373 CLW317846</a>	O	CUB	LE	NE	NW	NW	13	25S	33E	638518.0	3556544.0 *		3742	625	185	440
<a href="#">C 03603 POD2</a>		CUB	LE	SW	NW	NE	35	24S	33E	637384.0	3561167.3		3848			
<a href="#">C 03600 POD5</a>		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.



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

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

<b>Driller License:</b> 421		<b>Driller Company:</b> GLENN'S WATER WELL SERVICE	
<b>Driller Name:</b>			
<b>Drill Start Date:</b> 09/08/1993	<b>Drill Finish Date:</b> 09/08/1993	<b>Plug Date:</b>	
<b>Log File Date:</b>	<b>PCW Rev Date:</b> 02/09/1996	<b>Source:</b> Shallow	
<b>Pump Type:</b> SUBMER	<b>Pipe Discharge Size:</b> 2	<b>Estimated Yield:</b> 60 GPM	
<b>Casing Size:</b> 6.63	<b>Depth Well:</b> 625 feet	<b>Depth Water:</b> 185 feet	

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

**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

---

<sup>x</sup>

**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

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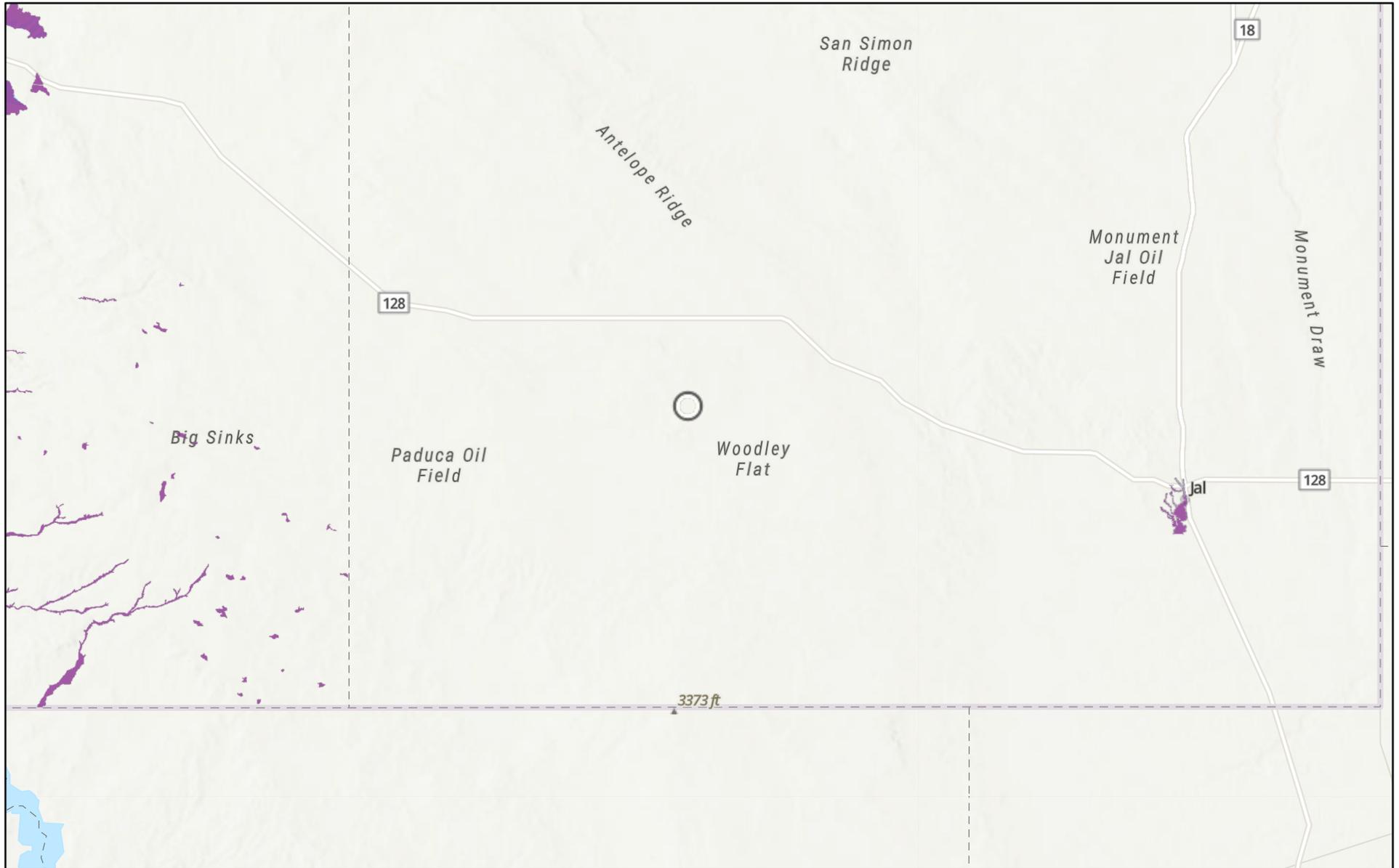
<sup>x</sup>  
\*UTM location was derived from PLSS - see Help

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.

2/3/23 1:24 PM

POINT OF DIVERSION SUMMARY

# Pitchfork Compressor Station



3/14/2025

USA Flood Hazard Areas

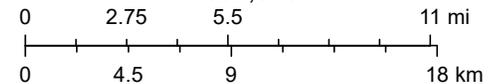
0.2% Annual Chance Flood Hazard

1% Annual Chance Flood Hazard

Regulatory Floodway

World\_Hillshade

1:387,843



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

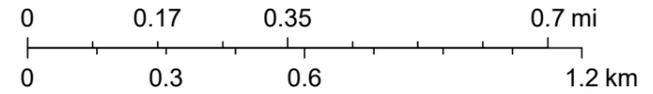
# Pitchfork Compressor Station



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](http://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".

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)**

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	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

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

**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 ( 10' ) (H250328-02)**

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	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, 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

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

**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 ( 11' ) (H250328-03)**

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	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) 128 % 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
<b>Chloride</b>	<b>3120</b>	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



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 ( 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, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>368</b>	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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**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 - 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, SM4500CI-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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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	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 - 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, SM4500CI-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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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	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 - 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	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 - 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	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 - 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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**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 - 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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**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 - 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	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 - 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



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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	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 - 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, SM4500CI-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



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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	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 - 4 ( 12' ) (H250328-14)**

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
<b>Chloride</b>	<b>10600</b>	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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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	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 - 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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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	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 - 4 ( 14' ) (H250328-16)**

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	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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**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 - 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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**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 - 4 ( 16' ) (H250328-18)**

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	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

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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	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 - 4 ( 17' ) (H250328-19)**

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	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

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Celey D. Keene, Lab Director/Quality Manager



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**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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Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: H20328

Page 1 of 2

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

Program:	UST/PT	PRP	Rowfields	RC	Perfund
State of Project:	Level II	Level III	ST/UST	RRP	Level IV
Reporting:	Level II	Level III	ST/UST	RRP	Level IV
Deliverables:	EDD	ADAPT	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	
Project Location:	Lea County, New Mexico																Cool: Cool	
Sampler's Name:	GPJ / KR																HCL: HC	
PO #:		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>
<b>SAMPLE RECEIPT</b>		Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	#1111													H <sub>3</sub> PO <sub>4</sub> : HP
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	C-0.002	Temperature Reading:	0.92													NaHSO <sub>4</sub> : NABIS
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Corrected Temperature:	0.92													Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>		
Total Containers:																Zn Acetate+NaOH: Zn		
																NaOH+Ascorbic Acid: SPC		

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters												Sample Comments						
T-1 (8-9)	1/16/2025		X		G	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
T-1 (10)	1/16/2025		X		G	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
T-1 (11)	1/16/2025		X		G	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
T-1 (12)	1/16/2025		X		G	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
T-2 (9-10)	1/16/2025		X		G	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
T-2 (11)	1/16/2025		X		G	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
T-2 (12)	1/16/2025		X		G	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
T-2 (13)	1/16/2025		X		G	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
T-2 (14)	1/16/2025		X		G	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
T-3 (10-11)	1/16/2025		X		G	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	

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

Relinquished by: (Signature)	<u>Perf</u>	Date/Time	<u>1/25</u>
Received by: (Signature)	<u>CP</u>	Date/Time	<u>1/25/1417</u>

Chain of Custody

Work Order No: 11351328

Page 2 of 2

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

Program:	UST/PST	<input type="checkbox"/> PRP	<input type="checkbox"/> Rowfields	<input type="checkbox"/> RC	<input type="checkbox"/> Iperfund
State of Project:					
Reporting Level:	Level II	<input type="checkbox"/>	Level III	<input type="checkbox"/>	ST/UST
Deliverables:	EDD	<input type="checkbox"/>	ADAPT	<input type="checkbox"/>	Other:

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters			Preservative Codes
							BTEX 8021B	TPH 8015M ( GRO + DRO + MRO)	Chloride 4500	
T-3 (12)	1/16/2025		X		G	1	X	X	X	
T-3 (13)	1/16/2025		X		G	1	X	X	X	
T-4 (10-11)	1/16/2025		X		G	1	X	X	X	
T-4 (12)	1/16/2025		X		G	1	X	X	X	
T-4 (13)	1/16/2025		X		G	1	X	X	X	
T-4 (14)	1/16/2025		X		G	1	X	X	X	
T-4 (15)	1/16/2025		X		G	1	X	X	X	
T-4 (16)	1/16/2025		X		G	1	X	X	X	
T-4 (17)	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	1/20/25
Received by: (Signature)		Date/Time	1/30/25/1412



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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](http://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".

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: SW - 1 (8') (H250329-01)**

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
<b>Chloride</b>	<b>640</b>	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

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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	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: 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

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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	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: 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
<b>Chloride</b>	<b>4320</b>	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	
<b>DRO &gt;C10-C28*</b>	<b>28.3</b>	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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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	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: 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	
<b>Ethylbenzene*</b>	<b>0.138</b>	0.050	01/20/2025	ND	2.15	107	2.00	2.55	GC-NC1
<b>Total Xylenes*</b>	<b>0.164</b>	0.150	01/20/2025	ND	6.34	106	6.00	2.44	GC-NC1
<b>Total BTEX</b>	<b>0.302</b>	0.300	01/20/2025	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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
<b>Chloride</b>	<b>3040</b>	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
<b>GRO C6-C10*</b>	<b>18.0</b>	10.0	01/21/2025	ND	225	112	200	2.41	
<b>DRO &gt;C10-C28*</b>	<b>344</b>	10.0	01/21/2025	ND	204	102	200	1.86	
<b>EXT DRO &gt;C28-C36</b>	<b>61.5</b>	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



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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	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: SW - 5 (9') (H250329-05)**

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	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
<b>Chloride</b>	<b>8560</b>	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	
<b>DRO &gt;C10-C28*</b>	<b>133</b>	10.0	01/21/2025	ND	204	102	200	1.86	
<b>EXT DRO &gt;C28-C36</b>	<b>24.4</b>	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



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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	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: SW - 6 (10') (H250329-06)**

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	1.92	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) 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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\*=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	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: SW - 7 (10') (H250329-07)**

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) 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
<b>Chloride</b>	<b>4800</b>	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	
<b>DRO &gt;C10-C28*</b>	<b>334</b>	10.0	01/21/2025	ND	204	102	200	1.86	
<b>EXT DRO &gt;C28-C36</b>	<b>77.0</b>	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	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: 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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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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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager





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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](http://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".

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: H - 1 (0-0.5') (H250330-01)**

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) 95.4 % 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



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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	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: 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, 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 96.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.0 % 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	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: 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, 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 99.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.2 % 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	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: 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

Cardinal Laboratories

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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	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: H - 5 (0-0.5') (H250330-05)**

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	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) 94.9 % 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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\*=Accredited Analyte

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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	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: 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	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: 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	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: 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

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**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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## APPENDIX F

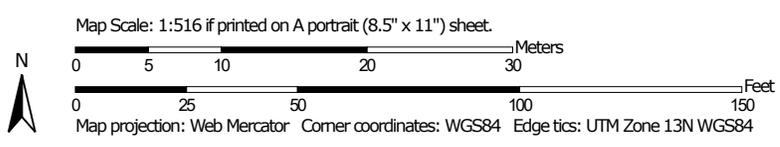
CARMONA RESOURCES



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



Soil Map may not be valid at this scale.



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.

## 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%
<b>Totals for Area of Interest</b>		<b>0.2</b>	<b>100.0%</b>

## 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)

**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

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 (Sporobolus cryptandrus)	1.0
Sand love grass (Eragrostis trichodes)	1.0
Plains bristlegrass (Setaria macrostachya)	2.0

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

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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**

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

<b>Location of Release Source</b>	
<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

<b>Incident Details</b>	
<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

<b>Nature and Volume of Release</b>	
<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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**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**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	<b>No, according to supplied volumes this does not appear to be a "gas only" report.</b>
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	<b>Yes</b>
Reasons why this would be considered a submission for a notification of a major release	<b>From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.</b>
<i>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.</i>	

**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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Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

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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 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**  
*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.*

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
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
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**  
*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.*

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

*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.*

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

*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.*  
*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.*

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)**

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**

**Remediation Plan (continued)**

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.

**This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:**

(Select all answers below that apply.)

(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	TARGA NORTHERN DELAWARE, LLC. [fAPP2123031392]
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and <b>on-site</b> 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

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 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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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.

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QUESTIONS, Page 5

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**

<b>Deferral Requests Only</b>	
<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)**

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**

<b>Sampling Event Information</b>	
Last sampling notification (C-141N) recorded	{Unavailable.}

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

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CONDITIONS

Action 450540

**CONDITIONS**

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