



## SITE INFORMATION

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### Work Plan

**Deep Elem 4 Fed Com CTB Lay Flat Line – Release 2**  
**Eddy County, New Mexico**  
**Incident ID: nAPP2509855019**  
**Unit B Sec 09 T26S R31E**  
**32.064950°, -103.783756°**

### Produced Water Release

**Point of Release: Lay Flat Line Strike**  
**Release Date: 03/26/2025**  
**Volume Released: 786 Barrels of Produced Water**  
**Volume Recovered: 320 Barrels of Produced Water**

CARMONA RESOURCES



**Prepared for:**  
**EOG Resources, Inc**  
**5509 Champions Dr.**  
**Midland, TX 79706**

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

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April 9, 2026

Mike Bratcher  
District Supervisor  
Oil Conservation Division, District 2  
811 S. First Street  
Artesia, New Mexico 88210

**Re: Work Plan  
Deep Elem 4 Fed Com CTB Lay Flat Line – Release 2  
EOG Resources, Inc  
Incident ID: nAPP2509855019  
Site Location: Unit B, S09, T26S, R31E  
(Lat 32.064950°, Long -103.783756°)  
Eddy County, New Mexico**

Mr. Bratcher:

On behalf of EOG Resources, Inc. (EOG), Carmona Resources, LLC has prepared this letter to document site activities for the Deep Elem 4 Fed Com CTB Lay Flat Line – Release 2. The site is located at 32.064950°, -103.783756° within Unit B, S09, T26S, R31E, in Eddy County, New Mexico (Figures 1 and 2).

### **1.0 Site Information and Background**

Based on the Notification of Release and initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on March 26, 2025, caused by human error on a lay flat line. It resulted in the release of seven hundred eighty-six (786) barrels of produced water, with three hundred twenty (320) barrels being recovered. Refer to Figure 3. The Notification of Release and initial C-141 forms are attached in Appendix C.

The NMOCD granted an extension to EOG on September 22, 2025, to ensure all proper safety protocols are in place to complete sampling assessments and submit the work plan. Please see Appendix C for correspondence.

### **2.0 Site Characterization and Groundwater**

The site is located within a medium karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water sources are within a 0.50-mile radius of the location. The nearest identified well is located approximately 0.76 miles southeast of the site in S10, T26S, R31E, and was drilled in 1998. The well has a reported depth to groundwater of 275.49' below ground surface (ft bgs). A copy of the associated Summary report 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.

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- TPH: 100 mg/kg (GRO + DRO + MRO).
- Chloride: 600 mg/kg.

#### **4.0 Site Assessment Activities**

##### **Trenching Assessment**

On July 16, 2025, Carmona Resources, LLC performed a trenching site assessment to evaluate soil impacts stemming from the release. A total of thirteen (13) trenches (T-1 through T-13) and twelve (12) horizontal sample points (H-1 through H-12) were advanced to depths ranging from the surface to 7' bgs within the release area. 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.

See Table 2 for the analytical results.

#### **5.0 Proposed Work Plan**

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

- The areas of T-6 & T-7 will be excavated to a depth of 1.5' below the surface and backfilled with clean material to surface grade.
- The areas of T-3, T-8, and T-10 will be excavated to a depth of 2.0' below the surface and backfilled with clean material to surface grade.
- The areas of T-1, T-2, T-5, and T-11 will be excavated to a depth of 3.0' below the surface and backfilled with clean material to surface grade.
- The areas of T-4 and T-9 will be excavated to a depth of 4.5' below the surface and backfilled with clean material to surface grade.
- The area of T-12 will be excavated to a depth of 8' below the surface and backfilled with clean material to surface grade.
- The area of T-13 will be excavated to a depth of 4.0' below the surface and backfilled with clean material to surface grade.
- An estimated 9,620 cubic yards will be removed and hauled to the nearest disposal based on the maximum depth.
- A variance is requested per 19.15.29.14. A NMAC, Five-point composite bottom floor hole, and sidewall samples will be collected every 500 square feet to represent the release area.



- Once the site activities and excavation are complete, the areas will be backfilled with clean material to surface grade and the proposed reclamation areas in Figure 5 will be reseeded with BLM Seed Mix #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. Approximately 1.42 acres of pastureland will be reclaimed and seeded accordingly. See Appendix F for soil survey and seed mixture. The remediation and reclamation will be implemented 90 days after the work plan is approved.

### **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 get in touch with us at 432-813-1992.

Sincerely,

**Carmona Resources, LLC**

Conner Moehring  
Environmental Manager

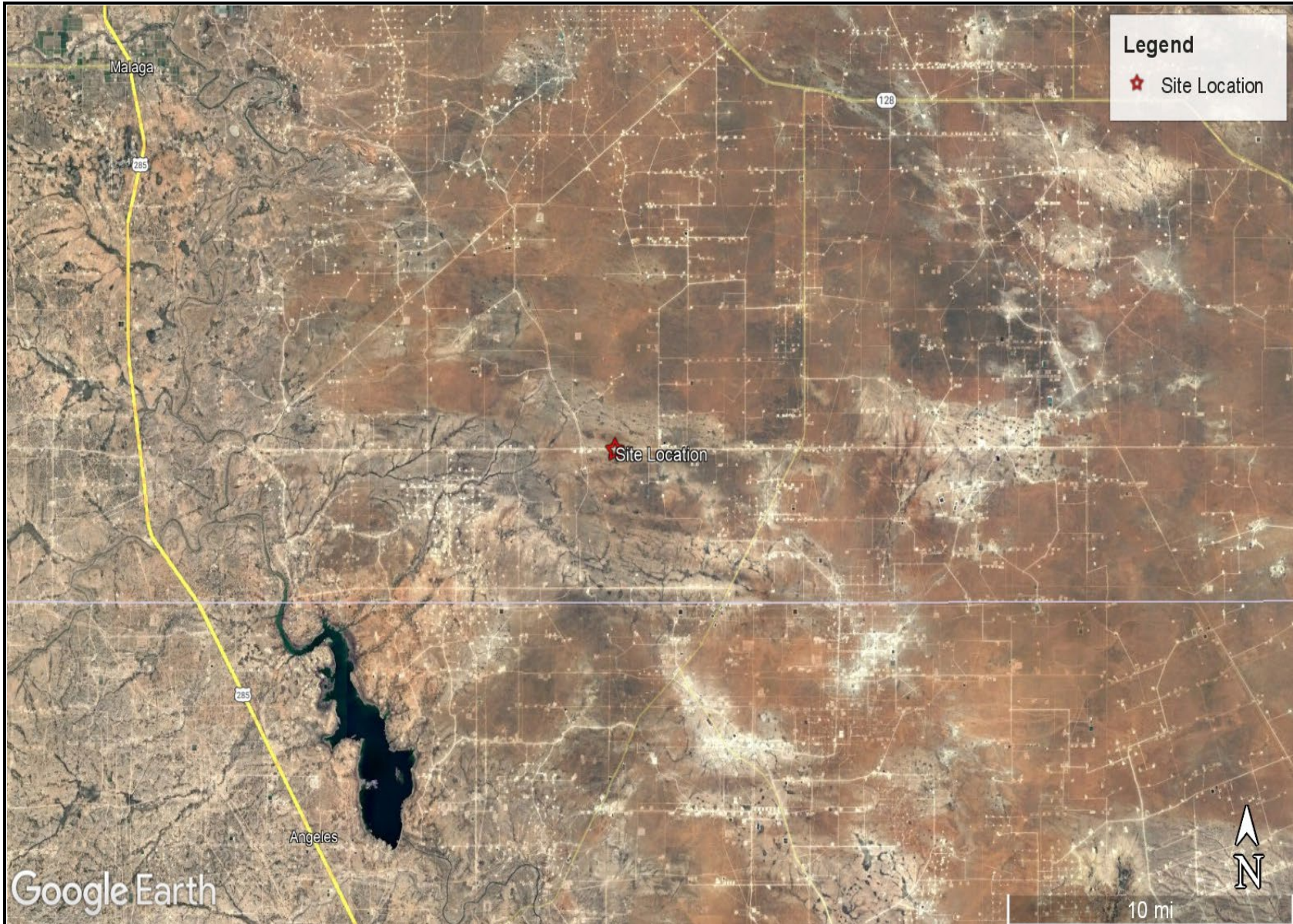
Stephen Reyes  
Environmental Engineer


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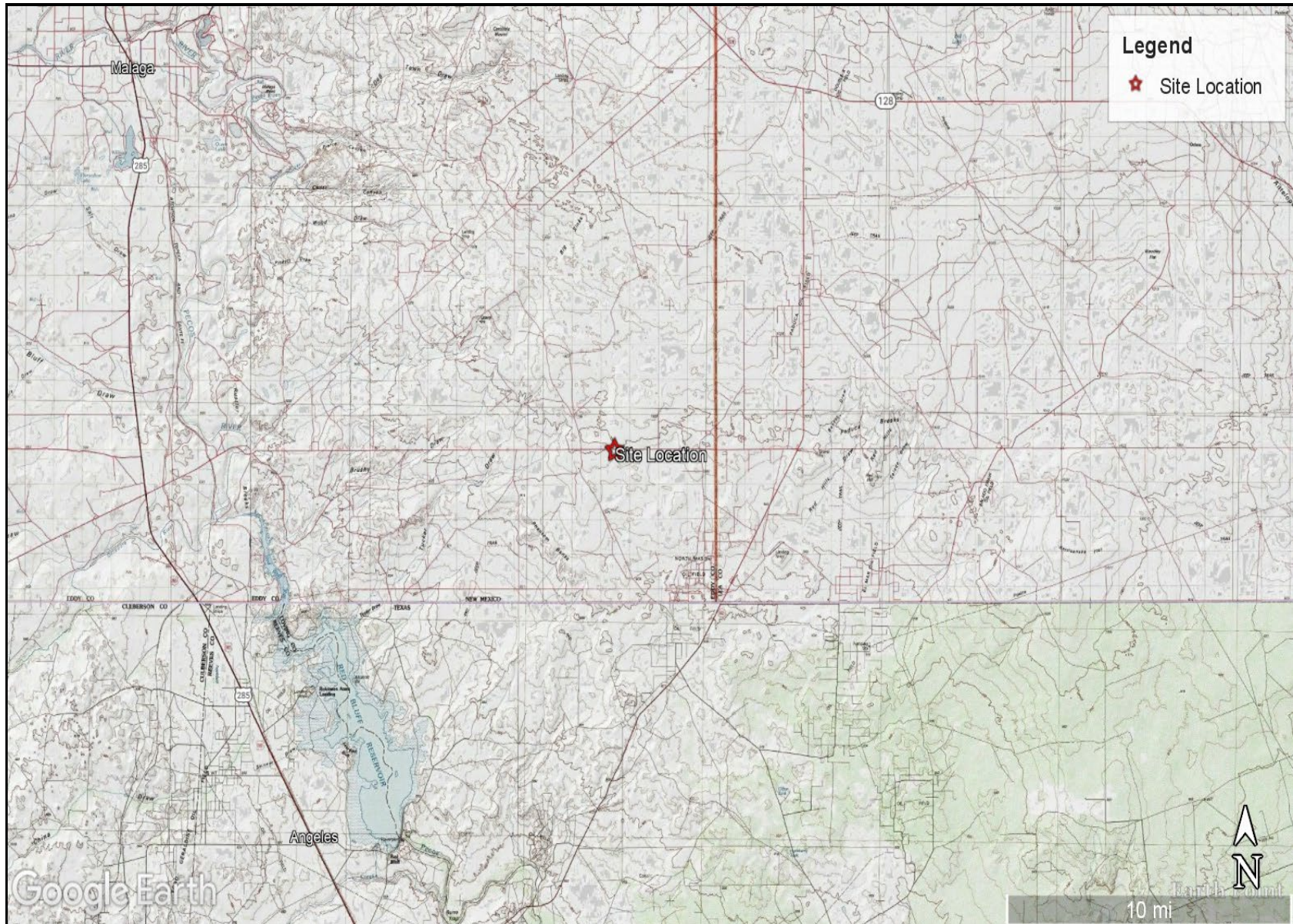
# FIGURES

CARMONA RESOURCES





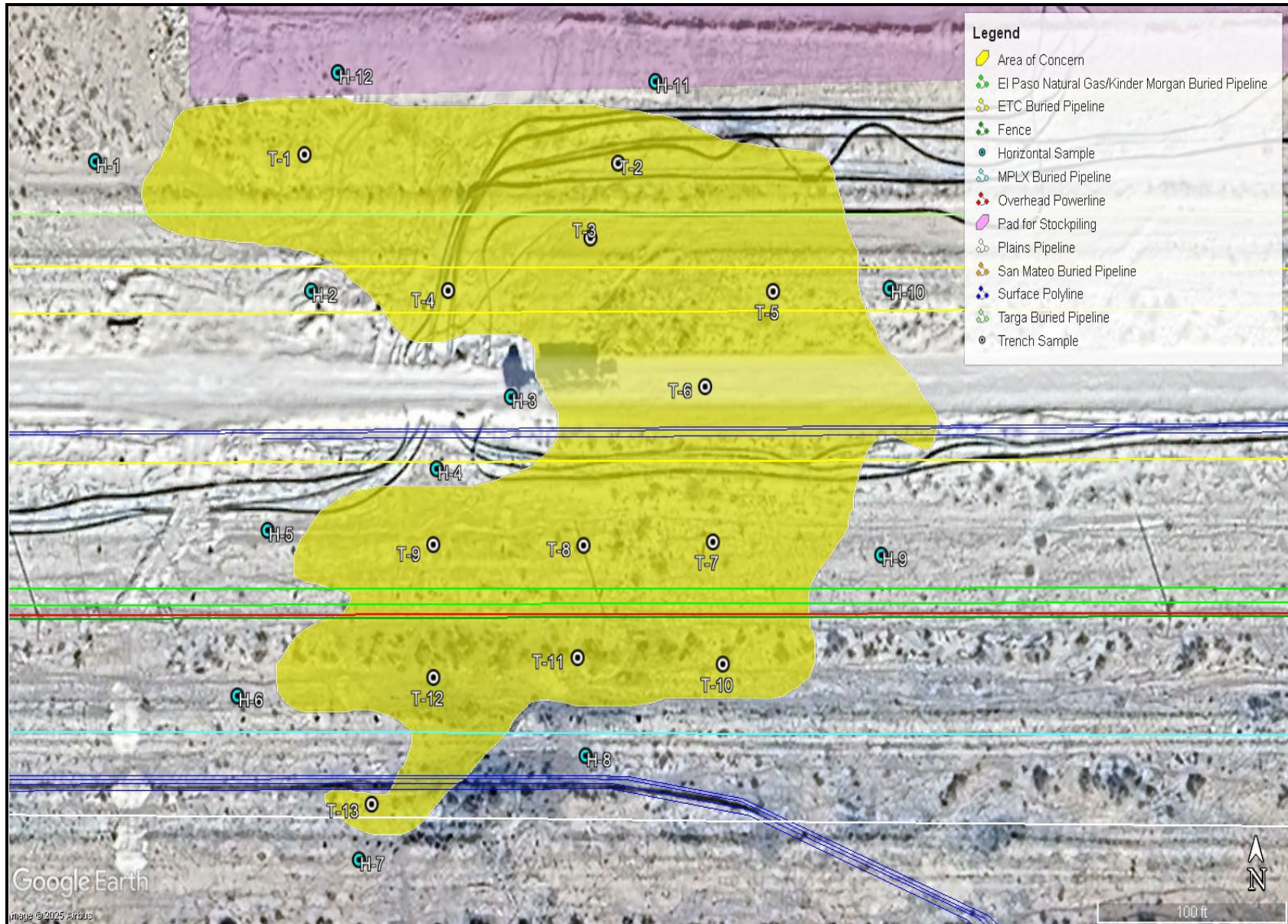
<p>OVERVIEW MAP EOG RESOURCES DEEP ELEM 4 FED COM CTB LAY FLAT LINE – RELEASE 2 EDDY COUNTY, NEW MEXICO 32.064950°, -103.783756°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 1</p>
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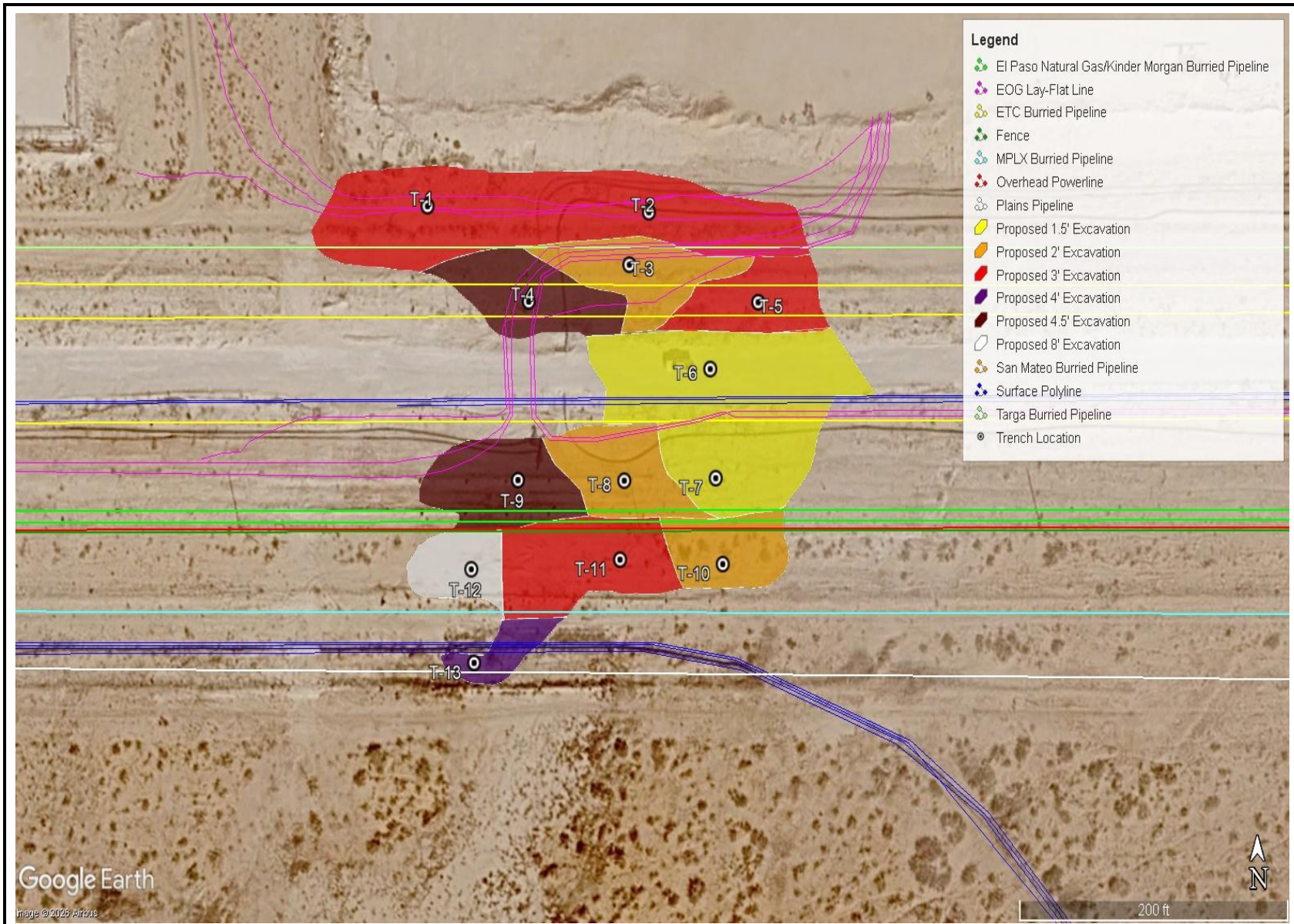
TOPOGRAPHIC MAP  
EOG RESOURCES  
DEEP ELEM 4 FED COM CTB LAY FLAT LINE – RELEASE 2  
EDDY COUNTY, NEW MEXICO  
32.064950°, -103.783756°




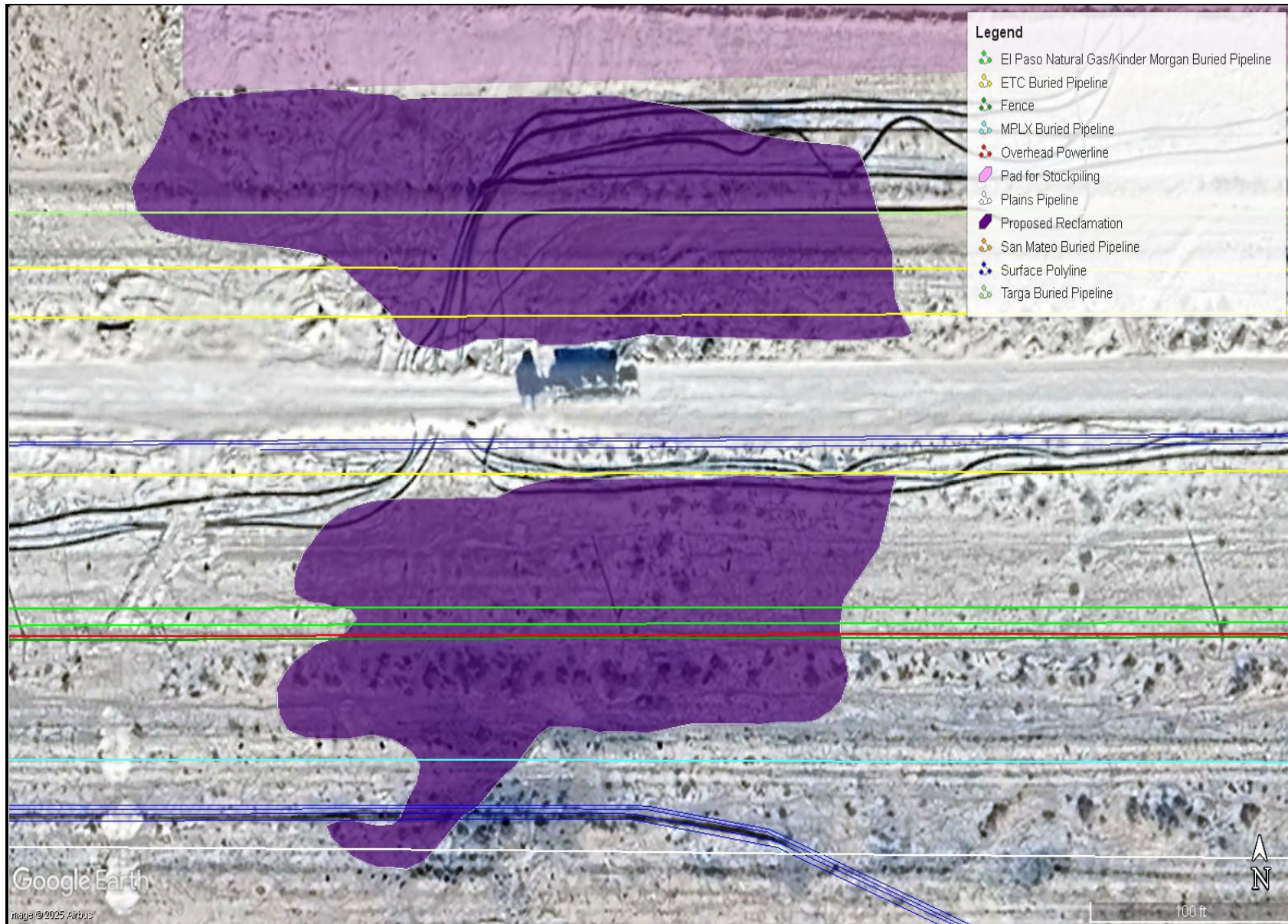
FIGURE 2




<p>SAMPLE LOCATION OVERVIEW MAP EOG RESOURCES DEEP ELEM 4 FED COM CTB LAY FLAT LINE – RELEASE 2 EDDY COUNTY, NEW MEXICO 32.064950°, -103.783756°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 3</p>
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<p>PROPOSED EXCAVATION DEPTH MAP EOG RESOURCES DEEP ELEM 4 FED COM CTB LAY FLAT LINE – RELEASE 2 EDDY COUNTY, NEW MEXICO 32.064950°, -103.783756°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 4</p>
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<p>PROPOSED RECLAMATION MAP EOG RESOURCES DEEP ELEM 4 FED COM CTB LAY FLAT LINE – RELEASE 2 EDDY COUNTY, NEW MEXICO 32.064950°, -103.783756°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 5</p>
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# APPENDIX A

CARMONA RESOURCES



**Table 1**  
**EOG Resources**  
**Deep Elem Spill (03.26.25)**  
**Eddy County, New Mexico**

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
T-1	7/16/2025	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	720
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	688
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	720
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
T-2	7/16/2025	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	768
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	720
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	944
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
T-3	7/16/2025	0-1	<10.0	146	34.6	180.6	<0.050	<0.050	<0.050	<0.150	<0.300	592
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	688
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	576
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
	"	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
T-4	7/16/2025	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	736
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	544
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	576
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	656
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	864
T-5	7/16/2025	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	720
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	864
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	736
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	368
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
T-6	7/16/2025	0-1	<10.0	93.4	33.5	126.9	<0.050	<0.050	<0.050	<0.150	<0.300	432
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	480
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	448
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	480
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	480
T-7	7/16/2025	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	640
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
<b>Regulatory Criteria<sup>A</sup></b>						<b>100 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

(T) Trench Sample

Proposed Excavation

**Table 1**  
**EOG Resources**  
**Deep Elem Spill (03.26.25)**  
**Eddy County, New Mexico**

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
T-8	7/16/2025	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<b>1,620</b>
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<b>1,630</b>
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
T-9	7/16/2025	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<b>1,260</b>
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<b>1,760</b>
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<b>1,340</b>
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<b>1,310</b>
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<b>784</b>
	"	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
T-10	7/16/2025	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<b>1,100</b>
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<b>1,060</b>
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	352
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	288
T-11	7/16/2025	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<b>1,040</b>
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<b>912</b>
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<b>928</b>
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	368
T-12	7/16/2025	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<b>1,040</b>
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<b>2,200</b>
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<b>2,400</b>
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<b>3,600</b>
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<b>3,200</b>
	"	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,600
	"	6.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,040
	"	7.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	800
T-13	7/16/2025	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<b>1,680</b>
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<b>1,650</b>
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<b>640</b>
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<b>960</b>
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	352
	"	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
<b>Regulatory Criteria <sup>A</sup></b>						<b>100 mg/kg</b>	<b>10 mg/kg</b>				<b>50 mg/kg</b>	<b>600 mg/kg</b>

Removed  
<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  
Deep Elem Spill (03.26.25)  
Eddy 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	3/26/2025	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-2	3/26/2025	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	3/26/2025	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	3/26/2025	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	3/26/2025	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	3/26/2025	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	3/26/2025	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	3/26/2025	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-9	3/26/2025	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-10	3/26/2025	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-11	3/26/2025	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-12	3/26/2025	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>						100 mg/kg	10 mg/kg				50 mg/kg	600 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:** Deep Elem 4 Fed Com CTB Lay Flat Line - Release 2

**County:** Eddy County, New Mexico

**Description:**  
View West, area of concern.



## Photograph No. 2

**Facility:** Deep Elem 4 Fed Com CTB Lay Flat Line - Release 2

**County:** Eddy County, New Mexico

**Description:**  
View South, area of concern.



## Photograph No. 3

**Facility:** Deep Elem 4 Fed Com CTB Lay Flat Line - Release 2

**County:** Eddy County, New Mexico

**Description:**  
View East, area of concern.



# PHOTOGRAPHIC LOG

EOG Resources, Inc

## Photograph No. 4

**Facility:** Deep Elem 4 Fed Com CTB Lay  
Flat Line - Release 2

**County:** Eddy County, New Mexico

**Description:**  
View Southeast, area of concern.



## Photograph No. 5

**Facility:** Deep Elem 4 Fed Com CTB Lay  
Flat Line - Release 2

**County:** Eddy County, New Mexico

**Description:**  
View South, area of concern.



## Photograph No. 6

**Facility:** Deep Elem 4 Fed Com CTB Lay  
Flat Line - Release 2

**County:** Eddy County, New Mexico

**Description:**  
View East, area of concern.



## APPENDIX C

CARMONA RESOURCES



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

General Information  
Phone: (505) 629-6116

Online Phone Directory  
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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

Action 449952

**QUESTIONS**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 449952
	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	Deep Elem 4 Fed Com CTB Lay Flat Line - Release 2
Date Release Discovered	03/26/2025
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: 786 BBL   Recovered: 320 BBL   Lost: 466 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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**Santa Fe, NM 87505**

QUESTIONS, Page 2

Action 449952

**QUESTIONS (continued)**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 449952
	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.*

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

ACKNOWLEDGMENTS

Action 449952

**ACKNOWLEDGMENTS**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 449952
	Action Type: [NOTIFY] Notification Of Release (NOR)

**ACKNOWLEDGMENTS**

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

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

CONDITIONS

Action 449952

**CONDITIONS**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 449952
	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.	4/8/2025

\*\*\*\*\* LIQUID SPILLS - VOLUME CALCULATIONS \*\*\*\*\*

Location of spill: Deep Elem 4 Fed Com CTB Lay Flat

Date of Spill: 3/26/2025

If the leak/spill is associated with production equipment, i.e. - wellhead, stuffing box, flowline, tank battery, production vessel, transfer pump, or storage tank place an "X" here:

**Input Data:**

If spill volumes from measurement, i.e. metering, tank volumes, etc. are known enter the volumes here: OIL: 0.0000 BBL WATER: 0.0000 BBL

If "known" spill volumes are given, input data for the following "Area Calculations" is optional. The above will override the calculated volumes.

Total Area Calculations					Standing Liquid Calculations				
Total Surface Area	width	length	wet soil depth	oil (%)	Standing Liquid Area	width	length	liquid depth	oil (%)
Rectangle Area #1	55 ft X	360 ft X	6.00 in	0%	Rectangle Area #1	30 ft X	125 ft X	2 in	0%
Rectangle Area #2	50 ft X	265 ft X	6.00 in	0%	Rectangle Area #2	25 ft X	80 ft X	2 in	0%
Rectangle Area #3	62 ft X	185 ft X	1.00 in	0%	Rectangle Area #3	30 ft X	95 ft X	2 in	0%
Rectangle Area #4	54 ft X	284 ft X	6.00 in	0%	Rectangle Area #4	25 ft X	90 ft X	2 in	0%
Rectangle Area #5	50 ft X	280 ft X	6.00 in	0%	Rectangle Area #5	0 ft X	0 ft X	0 in	0%
Rectangle Area #6	25 ft X	70 ft X	3.00 in	0%	Rectangle Area #6	0 ft X	0 ft X	0 in	0%
Rectangle Area #7	0 ft X	0 ft X	0.00 in	0%	Rectangle Area #7	0 ft X	0 ft X	0 in	0%
Rectangle Area #8	0 ft X	0 ft X	0.00 in	0%	Rectangle Area #8	0 ft X	0 ft X	0 in	0%

**okay**  
**Production Data NOT Required**

Average Daily Production: Oil BBL Water 0 BBL  
 Did leak occur before the separator?:  YES  N/A (place an "X")

Amount of Free Liquid Recovered: 320 BBL **okay** Percentage of Oil in Free Liquid Recovered: 0% (percentage)

Liquid holding factor \*: 0.08 gal per gal  
 Use the following when the spill wets the grains of the soil:  
 \* sand = .08 gallon liquid per gallon volume of soil.  
 \* gravelly (caliche) loam = .14 gallon liquid per gallon volume of soil.  
 \* sandy clay loam soil = .14 gallon liquid per gallon volume of soil.  
 \* clay loam = .16 gallon liquid per gallon volume of soil.  
 Use the following when the liquid completely fills the pore space of the soil:  
 Occures when the spill soaked soil is contained by barriers, natural (or not).  
 \* gravelly (caliche) loam = .25 gallon liquid per gallon volume of soil.  
 \* sandy loam = .5 gallon liquid per gallon volume of soil.

Saturated Soil Volume Calculations:			Free Liquid Volume Calculations:		
Total Solid/Liquid Volume:	H2O	OIL	Total Free Liquid Volume:	H2O	OIL
<b>75,606 sq. ft.</b>	<b>32,586 cu. ft.</b>	<b>cu. ft.</b>	<b>10,850 sq. ft.</b>	<b>1,808.333 cu. ft.</b>	<b>.000 cu. ft.</b>
<b>Estimated Volumes Spilled</b>			<b>Estimated Production Volumes Lost</b>		
Liquid in Soil:	<u>464.3 BBL</u>	<u>0.0 BBL</u>	Estimated Production Spilled:	<u>0.000000 BBL</u>	<u>0.000000 BBL</u>
Free Liquid:	<u>322.1 BBL</u>	<u>0.0 BBL</u>	<b>Estimated Surface Damage</b>		
Totals:	<b>786.333 BBL</b>	<b>0.000 BBL</b>	Surface Area:	<u>75,606 sq. ft.</u>	
Total Liquid Spill Liquid:	<b>786.333 BBL</b>	<b>0.000 BBL</b>	Surface Area:	<u>1.7357 acre</u>	
<b>Recovered Volumes</b>			<b>Estimated Weights, and Volumes</b>		
Estimated oil recovered:	<u>0.0 BBL</u>	<b>check - okay</b>	Saturated Soil =	<u>3,649,669 lbs</u>	<u>32,586 cu.ft.</u>
Estimated water recovered:	<u>320.0 BBL</u>	<b>check - okay</b>	Total Liquid =	<u>786 BBL</u>	<u>33,026.00 gallon</u>
					<u>1,207 cu.yds.</u>
					<u>274,776 lbs</u>

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

QUESTIONS

Action 452834

**QUESTIONS**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 452834
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2509855019
Incident Name	NAPP2509855019 DEEP ELEM 4 FED COM CTB LAY FLAT LINE - RELEASE 2 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Received

<b>Location of Release Source</b>	
<i>Please answer all the questions in this group.</i>	
Site Name	Deep Elem 4 Fed Com CTB Lay Flat Line - Release 2
Date Release Discovered	03/26/2025
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: 786 BBL   Recovered: 320 BBL   Lost: 466 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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Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505**

QUESTIONS, Page 2

Action 452834

**QUESTIONS (continued)**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 452834
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

**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 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: Todd Wells Title: Safety and Environmental Specialist Email: Todd_Wells@eogresources.com Date: 04/16/2025
----------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------

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**Santa Fe, NM 87505**

QUESTIONS, Page 3

Action 452834

**QUESTIONS (continued)**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 452834
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

**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)	Not answered.
What method was used to determine the depth to ground water	Not answered.
Did this release impact groundwater or surface water	Not answered.
<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	Not answered.
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Not answered.
An occupied permanent residence, school, hospital, institution, or church	Not answered.
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Not answered.
Any other fresh water well or spring	Not answered.
Incorporated municipal boundaries or a defined municipal fresh water well field	Not answered.
A wetland	Not answered.
A subsurface mine	Not answered.
An (non-karst) unstable area	Not answered.
Categorize the risk of this well / site being in a karst geology	Not answered.
A 100-year floodplain	Not answered.
Did the release impact areas not on an exploration, development, production, or storage site	Not answered.

**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	No
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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

CONDITIONS

Action 452834

**CONDITIONS**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 452834
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

**CONDITIONS**

Created By	Condition	Condition Date
scwells	None	4/22/2025

**Conner Moehring**

---

**From:** Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>  
**Sent:** Monday, September 22, 2025 5:16 PM  
**To:** Todd Wells  
**Cc:** Bill Smith; Conner Moehring  
**Subject:** RE: [EXTERNAL] nAPP2509855019 - EOG Deep Elem 4 Fed Com CTB Lay Flat Line - Release 2 - Extension Request

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Good afternoon Todd,

The 30-day extension for nAPP2509855019 DEEP ELEM 4 FED COM CTB LAY FLAT LINE - RELEASE 2 is approved. A remediation plan must be submitted to the OCD Permitting website no later than October 22, 2025. Please include a copy of this and all notifications in the report to ensure the notifications are documented in the project file.

Kind regards,

Shelly

Shelly Wells \* Environmental Specialist-Advanced  
Environmental Bureau  
EMNRD-Oil Conservation Division  
1220 S. St. Francis Drive|Santa Fe, NM 87505  
(505)469-7520 [Shelly.Wells@emnrd.nm.gov](mailto:Shelly.Wells@emnrd.nm.gov)  
<http://www.emnrd.state.nm.us/OCD/>

---

**From:** Todd Wells <Todd\_Wells@eogresources.com>  
**Sent:** Monday, September 22, 2025 3:41 PM  
**To:** Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>  
**Cc:** Bill Smith <Bill\_Smith@eogresources.com>; Conner Moehring <cmoehring@carmonaresources.com>  
**Subject:** [EXTERNAL] nAPP2509855019 - EOG Deep Elem 4 Fed Com CTB Lay Flat Line - Release 2 - Extension Request

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good Afternoon Shelly,

This correspondence is to request a thirty-day extension of time from the OCD for the treated reuse water release at the EOG, Deep Elem 4 Fed Com CTB Lay Flat Line site, Incident #nAPP2509855019 location in Eddy County, New Mexico. The soil assessment activities have been slower than anticipated in ensuring that all safety protocols have been met due to the multiple buried high-pressure gas pipelines in the area, coordinating with all the line reps to be on location and surface lines lay flats, and in coordinating with the EOG Operations and drilling schedule. The soil assessment activities are completed, and the release area is delineated. The requested

extension of time is to conduct and finalize the karst survey, and to submit the remediation work plan. Please let us know if you have any questions regarding this site.

Thank you,

Todd Wells  
Environmental Specialist  
Midland Division



5509 Champions Drive  
Midland, TX 79706  
O: (432) 686-3613  
C: (432) 312-7736  
[Todd\\_Wells@eogresources.com](mailto:Todd_Wells@eogresources.com)

---

**From:** Wells, Shelly, EMNRD <[Shelly.Wells@emnrd.nm.gov](mailto:Shelly.Wells@emnrd.nm.gov)>  
**Sent:** Monday, June 23, 2025 8:28 AM  
**To:** Todd Wells <[Todd\\_Wells@eogresources.com](mailto:Todd_Wells@eogresources.com)>  
**Cc:** James Kennedy <[James\\_Kennedy@eogresources.com](mailto:James_Kennedy@eogresources.com)>; Bill Smith <[Bill\\_Smith@eogresources.com](mailto:Bill_Smith@eogresources.com)>  
**Subject:** RE: [EXTERNAL] nAPP2509855019 - EOG Deep Elem 4 Fed Com CTB Lay Flat Line - Release 2 - Extension Request

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning Todd,

The extension request for NAPP2509855019 DEEP ELEM 4 FED COM CTB LAY FLAT LINE - RELEASE 2 is approved. The new due date to submit your updated remediation plan or closure report to the OCD is September 22, 2025. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Kind regards,

Shelly

Shelly Wells \* Environmental Specialist-Advanced  
Environmental Bureau  
EMNRD-Oil Conservation Division  
1220 S. St. Francis Drive|Santa Fe, NM 87505  
(505)469-7520 [Shelly.Wells@emnrd.nm.gov](mailto:Shelly.Wells@emnrd.nm.gov)  
<http://www.emnrd.state.nm.us/OCD/>

---

**From:** Todd Wells <[Todd\\_Wells@eogresources.com](mailto:Todd_Wells@eogresources.com)>  
**Sent:** Sunday, June 22, 2025 10:23 AM

To: Wells, Shelly, EMNRD <[Shelly.Wells@emnrd.nm.gov](mailto:Shelly.Wells@emnrd.nm.gov)>

Cc: James Kennedy <[James\\_Kennedy@eogresources.com](mailto:James_Kennedy@eogresources.com)>; Bill Smith <[Bill\\_Smith@eogresources.com](mailto:Bill_Smith@eogresources.com)>

Subject: [EXTERNAL] nAPP2509855019 - EOG Deep Elem 4 Fed Com CTB Lay Flat Line - Release 2 - Extension Request

**CAUTION:** This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good Morning Shelly,

This correspondence is to request a ninety day extension of time from the OCD for the treated reuse water release at the EOG, Deep Elem 4 Fed Com CTB Lay Flat Line site, Incident #nAPP2509855019 location in Eddy County, New Mexico. The release was in the location area of multiple lay flat lines active for ongoing completions projects at the site that prevented access to begin the assessment and remediation activities. The lay flat lines have been removed and the requested extension of time is to access the site to complete the one call, conduct the soil assessment and delineation activities, write and submit the remediation work plan. Please let us know if you have any questions regarding this site.

Thank you,

Todd Wells  
Environmental Specialist  
Midland Division



5509 Champions Drive  
Midland, TX 79706  
O: (432) 686-3613  
C: (432) 312-7736  
[Todd\\_Wells@eogresources.com](mailto:Todd_Wells@eogresources.com)

---

**From:** [OCDOnline@state.nm.us](mailto:OCDOnline@state.nm.us) <[OCDOnline@state.nm.us](mailto:OCDOnline@state.nm.us)>

**Sent:** Tuesday, April 8, 2025 4:17 PM

**To:** Todd Wells <[Todd\\_Wells@eogresources.com](mailto:Todd_Wells@eogresources.com)>

**Subject:** The Oil Conservation Division (OCD) has accepted the application, Application ID: 449952

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

To whom it may concern (c/o Todd Wells for EOG RESOURCES INC),

The OCD has accepted the submitted *Notification of a release* (NOR), for incident ID (n#) nAPP2509855019, with the following conditions:

- **When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.**

Please reference nAPP2509855019, on all subsequent C-141 submissions and communications regarding the remediation of this release.

**NOTE:** As of December 2019, NMOCD has discontinued the use of the “RP” number.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

[ocd.enviro@state.nm.us](mailto:ocd.enviro@state.nm.us)

**New Mexico Energy, Minerals and Natural Resources Department**

1220 South St. Francis Drive

Santa Fe, NM 87505

## APPENDIX D

CARMONA RESOURCES



# Nearest water well

EOG Resources

**Legend**

- 0.50 Mile Radius
- 0.76 Miles
- 1.11 Miles
- 1.31 Miles
- Deep Elem Spill (3.26.25)
- NMSEO Water Well
- USGS Water Well



Legend

- Deep Elem AST Spill



Deep Elem AST Spill





# 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 1=NW 2=NE 3=SW 4=SE)  
(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 6	Q 4	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
<a href="#">C 01777</a>	C	ED					08	26S	31E	613245	3547409*	1764	325	300	25
<a href="#">C 04700 POD1</a>	CUB	ED		2	1	2	10	26S	31E	616736	3548154	1855			
<a href="#">C 02248</a>	CUB	ED		1	2	3	08	26S	31E	612942	3547316*	2080	300	292	8
<a href="#">C 02249</a>	CUB	ED		1	2	3	08	26S	31E	612942	3547316*	2080	300	292	8
<a href="#">C 04637 POD1</a>	CUB	ED		4	4	3	02	26S	31E	618068	3548423	3204	51		

Average Depth to Water: **294 feet**  
 Minimum Depth: **292 feet**  
 Maximum Depth: **300 feet**

**Record Count: 5**

**UTMNAD83 Radius Search (in meters):**

**Easting (X):** 614883

**Northing (Y):** 3548066

**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.

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? S
------	------	-------------------------------------	---------------------	--------------------------------------	-------------------------------------------------	---------------------------	--------

Groundwater    New Mexico    GO

Click to hide News Bulletins

- Explore the [NEW USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.
- [Full News](#) 

Groundwater levels for New Mexico

Click to hide state-specific text

 Important: [Next Generation Monitoring Location Page](#)

### Search Results -- 1 sites found

Agency code = usgs  
 site\_no list = 

- 320330103462401

Minimum number of levels = 1  
[Save file of selected sites](#) to local disk for future upload

### USGS 320330103462401 26S.31E.08.321434

Eddy County, New Mexico  
 Latitude 32°03'30", Longitude 103°46'24" NAD27  
 Land-surface elevation 3,251 feet above NAVD88  
 The depth of the well is 380 feet below land surface.  
 This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer.  
 This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

#### Output formats

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement
1983-02-16			D 62610		2972.78	NGVD29	1	Z		
1983-02-16			D 62611		2974.42	NAVD88	1	Z		
1983-02-16			D 72019	276.58			1	Z		
1987-10-21			D 62610		2972.14	NGVD29	1	Z		
1987-10-21			D 62611		2973.78	NAVD88	1	Z		
1987-10-21			D 72019	277.22			1	Z		
1992-11-05			D 62610		2973.40	NGVD29	P	O		
1992-11-05			D 62611		2975.04	NAVD88	P	O		
1992-11-05			D 72019	275.96			P	O		
1998-01-29			D 62610		2973.87	NGVD29	1	S		
1998-01-29			D 62611		2975.51	NAVD88	1	S		
1998-01-29			D 72019	275.49			1	S		

Date	Time	?	?	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	?
		Water-level date-time accuracy	Parameter code				S
Parameter code		72019	Depth to water level, feet below land surface				
Referenced vertical datum		NAVD88	North American Vertical Datum of 1988				
Referenced vertical datum		NGVD29	National Geodetic Vertical Datum of 1929				
Status		1	Static				
Status		P	Pumping				
Method of measurement		O	Observed.				
Method of measurement		S	Steel-tape measurement.				
Method of measurement		Z	Other.				
Measuring agency			Not determined				
Source of measurement			Not determined				
Water-level approval status		A	Approved for publication -- Processing and review completed.				

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[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

**Title: Groundwater for New Mexico: Water Levels**

**URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>**



Page Contact Information: [New Mexico Water Data Maintainer](#)

Page Last Modified: 2023-07-31 10:51:09 EDT

0.28 0.24 nadww02



# 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	01777				08	26S	31E	613245	3547409*

<b>Driller License:</b> 208	<b>Driller Company:</b> VAN NOY, W.L.	
<b>Driller Name:</b> VAN NOY, W.L.		
<b>Drill Start Date:</b> 09/09/1977	<b>Drill Finish Date:</b> 09/16/1977	<b>Plug Date:</b>
<b>Log File Date:</b> 09/28/1977	<b>PCW Rev Date:</b>	<b>Source:</b> Shallow
<b>Pump Type:</b>	<b>Pipe Discharge Size:</b>	<b>Estimated Yield:</b>
<b>Casing Size:</b> 6.63	<b>Depth Well:</b> 325 feet	<b>Depth Water:</b> 300 feet

Water Bearing Stratifications:	Top	Bottom	Description
	300	325	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	295	325

\*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.

8/2/23 9:04 AM

POINT OF DIVERSION SUMMARY



# New Mexico Office of the State Engineer Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE)				(quarters are smallest to largest)		(NAD83 UTM in meters)	
		Q64	Q16	Q4	Sec	Tws	Rng	X	Y
C	02248	1	2	3	08	26S	31E	612942	3547316*

<b>Driller License:</b>		<b>Driller Company:</b>	
<b>Driller Name:</b>	UNKNOWN		
<b>Drill Start Date:</b>		<b>Drill Finish Date:</b>	12/31/1946
<b>Log File Date:</b>		<b>PCW Rev Date:</b>	
<b>Pump Type:</b>		<b>Pipe Discharge Size:</b>	
<b>Casing Size:</b>	6.38	<b>Depth Well:</b>	300 feet
		<b>Plug Date:</b>	
		<b>Source:</b>	
		<b>Estimated Yield:</b>	6 GPM
		<b>Depth Water:</b>	292 feet

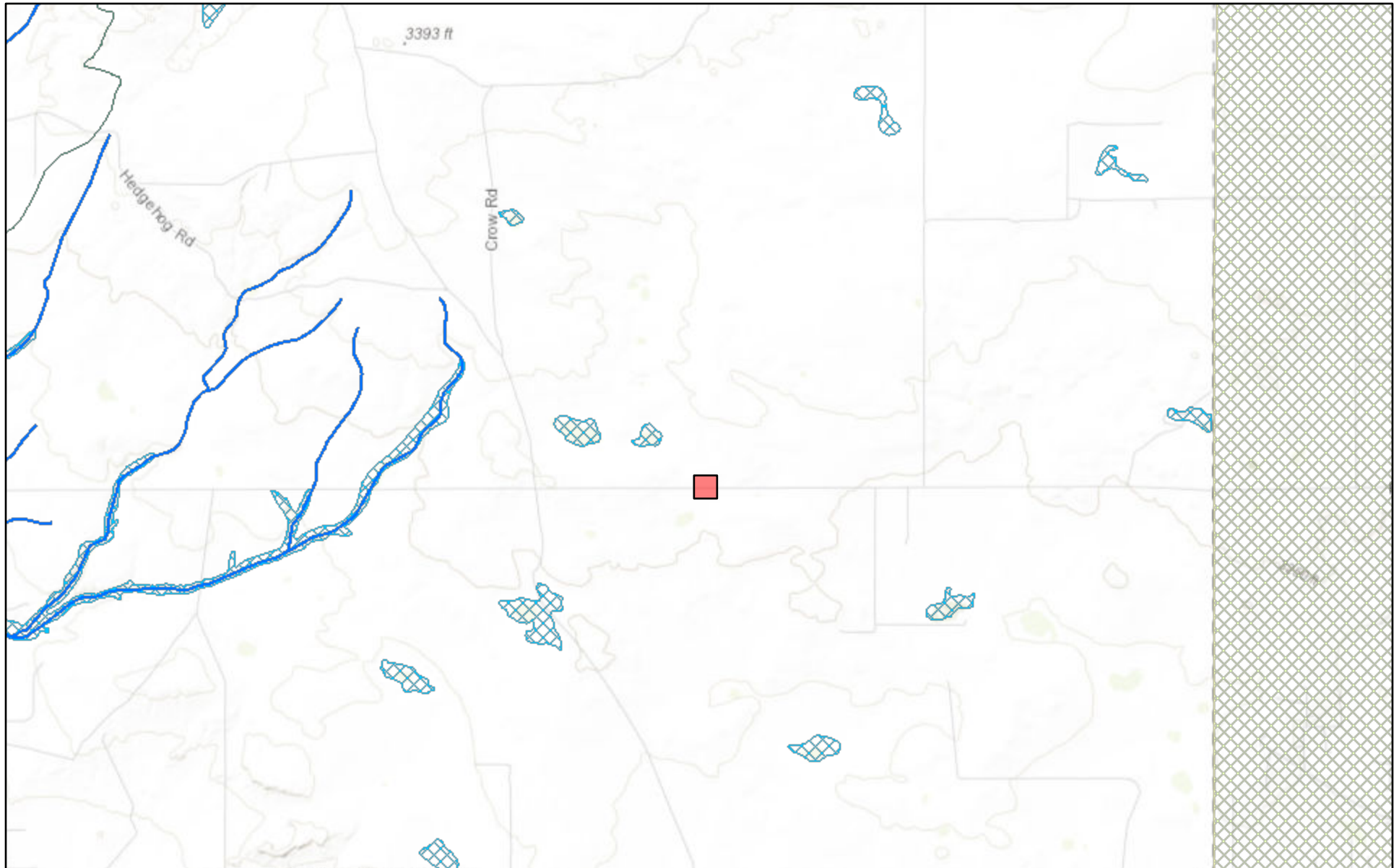
\*UTM location was derived from PLSS - see Help

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.

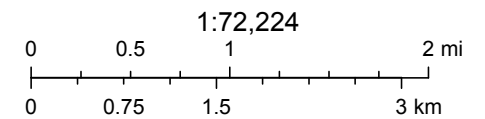
8/2/23 9:05 AM

POINT OF DIVERSION SUMMARY

# New Mexico NFHL Data



August 12, 2025



FEMA, Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey,

nmflood.org is made possible through a collaboration with NMDHSEM,

This is a non-regulatory product for informational use only. Please consult your local floodplain administrator for further information.

**Ashton Thielke**

---

**From:** Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>  
**Sent:** Monday, August 14, 2023 10:16 AM  
**To:** Ashton Thielke  
**Subject:** RE: [EXTERNAL] NAPP2321953140 - DEEP ELEM 4 FED COM CTB LAY FLAT LINE STRIKE - Groundwater Variance

Ashton,

There doesn't seem to be any wetlands, karst, or flood plain issues with the site. For future reference, 0.6 miles is slightly outside the 1/2 mile radius that we require for a reference groundwater depth. Generally, any reference groundwater depth further out than this would require a borehole for groundwater depth determination.

The Variance Request for 100' groundwater depth determination is approved. Please include this e-mail correspondence in the remediation and/or closure report.

Regards,

**Robert Hamlet** • Environmental Specialist - Advanced  
Environmental Bureau  
EMNRD - Oil Conservation Division  
506 W. Texas Ave. | Artesia, NM 88210  
575.909.0302 | [robert.hamlet@state.nm.us](mailto:robert.hamlet@state.nm.us)  
<http://www.emnrd.state.nm.us/OCD/>



---

**From:** Ashton Thielke <ThielkeA@carmonaresources.com>  
**Sent:** Friday, August 11, 2023 9:49 AM  
**To:** Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>  
**Subject:** [EXTERNAL] NAPP2321953140 - DEEP ELEM 4 FED COM CTB LAY FLAT LINE STRIKE - Groundwater Variance

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good morning Robert,

On behalf of EOG, I am requesting a groundwater variance for the above-mentioned site. Attached is groundwater research of the site that include nearby water wells I have found in my research. The nearest water well has a depth of 275.49' and was drilled in 1998, located 0.65 miles southeast from the nearest horizontal extent of the spill area. The site is not located in a high karst environment.

Due to the depth of local groundwater and the site being not located in a high karst, EOG requests a closure criteria variance to reflect groundwater 100'+ as shown in Table 1 of 19.15.29.12 NMAC.

Feel free to contact me if you have any questions!

Thanks,

Ashton Thielke

310 West Wall Street, Suite 500

Midland TX, 79701

M: 432-813-8988 C: 281-753-5659

[ThielkeA@carmonaresources.com](mailto:ThielkeA@carmonaresources.com)

CARMONA RESOURCES



## APPENDIX E

CARMONA RESOURCES





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

---

April 02, 2025

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

RE: DEEP ELEM SPILL (03.26.25)

Enclosed are the results of analyses for samples received by the laboratory on 03/27/25 12:55.

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". The signature is written in a cursive style with a large, flowing "C" at the beginning.

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:	03/27/2025	Sampling Date:	03/26/2025
Reported:	04/02/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM SPILL (03.26.25)	Sampling Condition:	Cool & Intact
Project Number:	2687	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

**Sample ID: H-1 (0-0.5') (H251838-01)**

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	03/30/2025	ND	1.98	98.8	2.00	5.99	
Toluene*	<0.050	0.050	03/30/2025	ND	2.39	119	2.00	5.42	
Ethylbenzene*	<0.050	0.050	03/30/2025	ND	2.59	129	2.00	5.19	
Total Xylenes*	<0.150	0.150	03/30/2025	ND	8.24	137	6.00	4.69	
Total BTEX	<0.300	0.300	03/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 129 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/28/2025	ND	432	108	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	03/28/2025	ND	213	106	200	2.82	
DRO >C10-C28*	<10.0	10.0	03/28/2025	ND	202	101	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	03/28/2025	ND					

Surrogate: 1-Chlorooctane 77.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 76.3 % 40.6-153

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/27/2025	Sampling Date:	03/26/2025
Reported:	04/02/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM SPILL (03.26.25)	Sampling Condition:	Cool & Intact
Project Number:	2687	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

**Sample ID: H-2 (0-0.5') (H251838-02)**

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	03/30/2025	ND	1.98	98.8	2.00	5.99	
Toluene*	<0.050	0.050	03/30/2025	ND	2.39	119	2.00	5.42	
Ethylbenzene*	<0.050	0.050	03/30/2025	ND	2.59	129	2.00	5.19	
Total Xylenes*	<0.150	0.150	03/30/2025	ND	8.24	137	6.00	4.69	
Total BTEX	<0.300	0.300	03/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 128 % 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	03/28/2025	ND	432	108	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	03/28/2025	ND	213	106	200	2.82	
DRO >C10-C28*	<10.0	10.0	03/28/2025	ND	202	101	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	03/28/2025	ND					

Surrogate: 1-Chlorooctane 84.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 75.9 % 40.6-153

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/27/2025	Sampling Date:	03/26/2025
Reported:	04/02/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM SPILL (03.26.25)	Sampling Condition:	Cool & Intact
Project Number:	2687	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

**Sample ID: H-3 (0-0.5') (H251838-03)**

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/30/2025	ND	1.98	98.8	2.00	5.99	
Toluene*	<0.050	0.050	03/30/2025	ND	2.39	119	2.00	5.42	
Ethylbenzene*	<0.050	0.050	03/30/2025	ND	2.59	129	2.00	5.19	
Total Xylenes*	<0.150	0.150	03/30/2025	ND	8.24	137	6.00	4.69	
Total BTEX	<0.300	0.300	03/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 136 % 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	03/28/2025	ND	432	108	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	03/28/2025	ND	202	101	200	1.48	
DRO >C10-C28*	<10.0	10.0	03/28/2025	ND	204	102	200	0.616	
EXT DRO >C28-C36	<10.0	10.0	03/28/2025	ND					

Surrogate: 1-Chlorooctane 99.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 100 % 40.6-153

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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:	03/27/2025	Sampling Date:	03/26/2025
Reported:	04/02/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM SPILL (03.26.25)	Sampling Condition:	Cool & Intact
Project Number:	2687	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

**Sample ID: H-4 (0-0.5') (H251838-04)**

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/30/2025	ND	1.98	98.8	2.00	5.99	
Toluene*	<0.050	0.050	03/30/2025	ND	2.39	119	2.00	5.42	
Ethylbenzene*	<0.050	0.050	03/30/2025	ND	2.59	129	2.00	5.19	
Total Xylenes*	<0.150	0.150	03/30/2025	ND	8.24	137	6.00	4.69	
Total BTEX	<0.300	0.300	03/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 139 % 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	03/28/2025	ND	432	108	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	03/28/2025	ND	202	101	200	1.48	
DRO >C10-C28*	<10.0	10.0	03/28/2025	ND	204	102	200	0.616	
EXT DRO >C28-C36	<10.0	10.0	03/28/2025	ND					

Surrogate: 1-Chlorooctane 96.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 95.0 % 40.6-153

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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: 03/27/2025  
 Reported: 04/02/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 03/26/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: H-5 (0-0.5') (H251838-05)**

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/30/2025	ND	1.98	98.8	2.00	5.99	
Toluene*	<0.050	0.050	03/30/2025	ND	2.39	119	2.00	5.42	
Ethylbenzene*	<0.050	0.050	03/30/2025	ND	2.59	129	2.00	5.19	
Total Xylenes*	<0.150	0.150	03/30/2025	ND	8.24	137	6.00	4.69	
Total BTEX	<0.300	0.300	03/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 135 % 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	03/28/2025	ND	432	108	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	03/28/2025	ND	202	101	200	1.48	
DRO >C10-C28*	<10.0	10.0	03/28/2025	ND	204	102	200	0.616	
EXT DRO >C28-C36	<10.0	10.0	03/28/2025	ND					

Surrogate: 1-Chlorooctane 101 % 44.4-145

Surrogate: 1-Chlorooctadecane 99.1 % 40.6-153

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**Analytical Results For:**

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

Received:	03/27/2025	Sampling Date:	03/26/2025
Reported:	04/02/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM SPILL (03.26.25)	Sampling Condition:	Cool & Intact
Project Number:	2687	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

**Sample ID: H-6 (0-0.5') (H251838-06)**

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	03/30/2025	ND	1.98	98.8	2.00	5.99	
Toluene*	<0.050	0.050	03/30/2025	ND	2.39	119	2.00	5.42	
Ethylbenzene*	<0.050	0.050	03/30/2025	ND	2.59	129	2.00	5.19	
Total Xylenes*	<0.150	0.150	03/30/2025	ND	8.24	137	6.00	4.69	
Total BTEX	<0.300	0.300	03/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 127 % 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	03/28/2025	ND	432	108	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	03/28/2025	ND	202	101	200	1.48	
DRO >C10-C28*	<10.0	10.0	03/28/2025	ND	204	102	200	0.616	
EXT DRO >C28-C36	<10.0	10.0	03/28/2025	ND					

Surrogate: 1-Chlorooctane 95.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 93.7 % 40.6-153

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**Analytical Results For:**

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

Received:	03/27/2025	Sampling Date:	03/26/2025
Reported:	04/02/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM SPILL (03.26.25)	Sampling Condition:	Cool & Intact
Project Number:	2687	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

**Sample ID: H-7 (0-0.5') (H251838-07)**

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/30/2025	ND	1.98	98.8	2.00	5.99	
Toluene*	<0.050	0.050	03/30/2025	ND	2.39	119	2.00	5.42	
Ethylbenzene*	<0.050	0.050	03/30/2025	ND	2.59	129	2.00	5.19	
Total Xylenes*	<0.150	0.150	03/30/2025	ND	8.24	137	6.00	4.69	
Total BTEX	<0.300	0.300	03/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 146 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/31/2025	ND	432	108	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	03/28/2025	ND	202	101	200	1.48	
DRO >C10-C28*	<10.0	10.0	03/28/2025	ND	204	102	200	0.616	
EXT DRO >C28-C36	<10.0	10.0	03/28/2025	ND					

Surrogate: 1-Chlorooctane 104 % 44.4-145

Surrogate: 1-Chlorooctadecane 102 % 40.6-153

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**Analytical Results For:**

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

Received:	03/27/2025	Sampling Date:	03/26/2025
Reported:	04/02/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM SPILL (03.26.25)	Sampling Condition:	Cool & Intact
Project Number:	2687	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

**Sample ID: H-8 (0-0.5') (H251838-08)**

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	03/30/2025	ND	1.98	98.8	2.00	5.99	
Toluene*	<0.050	0.050	03/30/2025	ND	2.39	119	2.00	5.42	
Ethylbenzene*	<0.050	0.050	03/30/2025	ND	2.59	129	2.00	5.19	
Total Xylenes*	<0.150	0.150	03/30/2025	ND	8.24	137	6.00	4.69	
Total BTEX	<0.300	0.300	03/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 131 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/31/2025	ND	432	108	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	03/28/2025	ND	202	101	200	1.48	
DRO >C10-C28*	<10.0	10.0	03/28/2025	ND	204	102	200	0.616	
EXT DRO >C28-C36	<10.0	10.0	03/28/2025	ND					

Surrogate: 1-Chlorooctane 108 % 44.4-145

Surrogate: 1-Chlorooctadecane 106 % 40.6-153

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**Analytical Results For:**

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

Received:	03/27/2025	Sampling Date:	03/26/2025
Reported:	04/02/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM SPILL (03.26.25)	Sampling Condition:	Cool & Intact
Project Number:	2687	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

**Sample ID: H-9 (0-0.5') (H251838-09)**

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	03/30/2025	ND	1.98	98.8	2.00	5.99	
Toluene*	<0.050	0.050	03/30/2025	ND	2.39	119	2.00	5.42	
Ethylbenzene*	<0.050	0.050	03/30/2025	ND	2.59	129	2.00	5.19	
Total Xylenes*	<0.150	0.150	03/30/2025	ND	8.24	137	6.00	4.69	
Total BTEX	<0.300	0.300	03/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 126 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/31/2025	ND	432	108	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	03/28/2025	ND	202	101	200	1.48	
DRO >C10-C28*	<10.0	10.0	03/28/2025	ND	204	102	200	0.616	
EXT DRO >C28-C36	<10.0	10.0	03/28/2025	ND					

Surrogate: 1-Chlorooctane 102 % 44.4-145

Surrogate: 1-Chlorooctadecane 100 % 40.6-153

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**Analytical Results For:**

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

Received:	03/27/2025	Sampling Date:	03/26/2025
Reported:	04/02/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM SPILL (03.26.25)	Sampling Condition:	Cool & Intact
Project Number:	2687	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

**Sample ID: H-10 (0-0.5') (H251838-10)**

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	03/30/2025	ND	1.98	98.8	2.00	5.99	
Toluene*	<0.050	0.050	03/30/2025	ND	2.39	119	2.00	5.42	
Ethylbenzene*	<0.050	0.050	03/30/2025	ND	2.59	129	2.00	5.19	
Total Xylenes*	<0.150	0.150	03/30/2025	ND	8.24	137	6.00	4.69	
Total BTEX	<0.300	0.300	03/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 132 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/31/2025	ND	432	108	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	03/28/2025	ND	202	101	200	1.48	
DRO >C10-C28*	<10.0	10.0	03/28/2025	ND	204	102	200	0.616	
EXT DRO >C28-C36	<10.0	10.0	03/28/2025	ND					

Surrogate: 1-Chlorooctane 107 % 44.4-145

Surrogate: 1-Chlorooctadecane 106 % 40.6-153

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**Analytical Results For:**

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

Received: 03/27/2025  
 Reported: 04/02/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 03/26/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: H-11 (0-0.5') (H251838-11)**

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/30/2025	ND	1.98	98.8	2.00	5.99	
Toluene*	<0.050	0.050	03/30/2025	ND	2.39	119	2.00	5.42	
Ethylbenzene*	<0.050	0.050	03/30/2025	ND	2.59	129	2.00	5.19	
Total Xylenes*	<0.150	0.150	03/30/2025	ND	8.24	137	6.00	4.69	
Total BTEX	<0.300	0.300	03/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 139 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/31/2025	ND	432	108	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	03/28/2025	ND	202	101	200	1.48	
DRO >C10-C28*	<10.0	10.0	03/28/2025	ND	204	102	200	0.616	
EXT DRO >C28-C36	<10.0	10.0	03/28/2025	ND					

Surrogate: 1-Chlorooctane 109 % 44.4-145

Surrogate: 1-Chlorooctadecane 107 % 40.6-153

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**Analytical Results For:**

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

Received:	03/27/2025	Sampling Date:	03/26/2025
Reported:	04/02/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM SPILL (03.26.25)	Sampling Condition:	Cool & Intact
Project Number:	2687	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

**Sample ID: H-12 (0-0.5') (H251838-12)**

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/30/2025	ND	1.98	98.8	2.00	5.99	
Toluene*	<0.050	0.050	03/30/2025	ND	2.39	119	2.00	5.42	
Ethylbenzene*	<0.050	0.050	03/30/2025	ND	2.59	129	2.00	5.19	
Total Xylenes*	<0.150	0.150	03/30/2025	ND	8.24	137	6.00	4.69	
Total BTEX	<0.300	0.300	03/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 140 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/31/2025	ND	432	108	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	03/28/2025	ND	202	101	200	1.48	
DRO >C10-C28*	<10.0	10.0	03/28/2025	ND	204	102	200	0.616	
EXT DRO >C28-C36	<10.0	10.0	03/28/2025	ND					

Surrogate: 1-Chlorooctane 94.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 91.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
BS1 Blank spike recovery above laboratory acceptance criteria. Results for analyte potentially biased high.
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

Chain of Custody

Work Order No: 1851838

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

<b>Work Order Comments</b>	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Spillfund
State of Project:	Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> PRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables: EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	Deep ELEM Spill (03.26.25)	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code		ANALYSIS REQUEST	Preservative Codes
Project Number:	2687	Due Date:					None: NO Cool: Cool HCL: HC H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> H <sub>3</sub> PO <sub>4</sub> : HP NaHSO <sub>4</sub> : NABIS Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
Project Location:	Eddy County, New Mexico						
Sampler's Name:	CMM & KR						
PO #:							

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Sample Comments
H-1 (0-0.5')	3/26/2025		X		G	1	BTEX 8021B TPH 8015M ( GRO + DRO + MRO) Chloride 4500	
H-2 (0-0.5')	3/26/2025		X		G	1		
H-3 (0-0.5')	3/26/2025		X		G	1		
H-4 (0-0.5')	3/26/2025		X		G	1		
H-5 (0-0.5')	3/26/2025		X		G	1		
H-6 (0-0.5')	3/26/2025		X		G	1		
H-7 (0-0.5')	3/26/2025		X		G	1		
H-8 (0-0.5')	3/26/2025		X		G	1		
H-9 (0-0.5')	3/26/2025		X		G	1		
H-10 (0-0.5')	3/26/2025		X		G	1		

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>pe butt</i>	3/27/25 12:55	<i>Shirley Stutz</i>	





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

July 22, 2025

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

RE: DEEP ELEM SPILL (03.26.25)

Enclosed are the results of analyses for samples received by the laboratory on 07/17/25 13:56.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. 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,

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:	07/17/2025	Sampling Date:	07/16/2025
Reported:	07/22/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM SPILL (03.26.25)	Sampling Condition:	Cool & Intact
Project Number:	2687	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

**Sample ID: T - 1 (0-1') (H254308-01)**

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	07/18/2025	ND	1.93	96.6	2.00	5.31	
Toluene*	<0.050	0.050	07/18/2025	ND	2.00	99.9	2.00	4.27	
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.85	
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.27	104	6.00	3.76	
Total BTEX	<0.300	0.300	07/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	07/18/2025	ND	416	104	400	3.77	

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	07/18/2025	ND	193	96.3	200	0.943	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	208	104	200	0.953	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 87.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.3 % 40.6-153

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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: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 1 (1.5') (H254308-02)**

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	07/18/2025	ND	1.93	96.6	2.00	5.31	
Toluene*	<0.050	0.050	07/18/2025	ND	2.00	99.9	2.00	4.27	
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.85	
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.27	104	6.00	3.76	
Total BTEX	<0.300	0.300	07/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	07/18/2025	ND	416	104	400	3.77	

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	07/18/2025	ND	193	96.3	200	0.943	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	208	104	200	0.953	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 83.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 76.8 % 40.6-153

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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: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 1 (2') (H254308-03)**

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	07/18/2025	ND	1.93	96.6	2.00	5.31	
Toluene*	<0.050	0.050	07/18/2025	ND	2.00	99.9	2.00	4.27	
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.85	
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.27	104	6.00	3.76	
Total BTEX	<0.300	0.300	07/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	07/18/2025	ND	416	104	400	3.77	

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	07/18/2025	ND	193	96.3	200	0.943	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	208	104	200	0.953	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 73.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 66.8 % 40.6-153

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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: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 1 (3') (H254308-04)**

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	07/18/2025	ND	1.93	96.6	2.00	5.31	
Toluene*	<0.050	0.050	07/18/2025	ND	2.00	99.9	2.00	4.27	
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.85	
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.27	104	6.00	3.76	
Total BTEX	<0.300	0.300	07/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	07/18/2025	ND	416	104	400	3.77	

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	07/18/2025	ND	193	96.3	200	0.943	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	208	104	200	0.953	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 70.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 62.4 % 40.6-153

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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: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 1 (4') (H254308-05)**

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	07/18/2025	ND	1.93	96.6	2.00	5.31	
Toluene*	<0.050	0.050	07/18/2025	ND	2.00	99.9	2.00	4.27	
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.85	
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.27	104	6.00	3.76	
Total BTEX	<0.300	0.300	07/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/18/2025	ND	416	104	400	3.77	

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	07/18/2025	ND	193	96.3	200	0.943	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	208	104	200	0.953	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 70.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 62.3 % 40.6-153

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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: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 2 (0-1') (H254308-06)**

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	07/18/2025	ND	1.93	96.6	2.00	5.31	
Toluene*	<0.050	0.050	07/18/2025	ND	2.00	99.9	2.00	4.27	
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.85	
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.27	104	6.00	3.76	
Total BTEX	<0.300	0.300	07/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 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	768	16.0	07/18/2025	ND	448	112	400	3.64	

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	07/18/2025	ND	193	96.3	200	0.943	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	208	104	200	0.953	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 86.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 77.9 % 40.6-153

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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: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 2 (1.5') (H254308-07)**

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	07/18/2025	ND	1.93	96.6	2.00	5.31	
Toluene*	<0.050	0.050	07/18/2025	ND	2.00	99.9	2.00	4.27	
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.85	
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.27	104	6.00	3.76	
Total BTEX	<0.300	0.300	07/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 123 % 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	720	16.0	07/18/2025	ND	448	112	400	3.64	

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	07/18/2025	ND	193	96.3	200	0.943	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	208	104	200	0.953	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 76.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 69.4 % 40.6-153

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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: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 2 (2') (H254308-08)**

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	07/18/2025	ND	1.93	96.6	2.00	5.31	
Toluene*	<0.050	0.050	07/18/2025	ND	2.00	99.9	2.00	4.27	
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.85	
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.27	104	6.00	3.76	
Total BTEX	<0.300	0.300	07/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 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	944	16.0	07/18/2025	ND	448	112	400	3.64	

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	07/18/2025	ND	193	96.3	200	0.943	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	208	104	200	0.953	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 80.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 72.8 % 40.6-153

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**Analytical Results For:**

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

Received: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 2 (3') (H254308-09)**

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	07/18/2025	ND	1.93	96.6	2.00	5.31	
Toluene*	<0.050	0.050	07/18/2025	ND	2.00	99.9	2.00	4.27	
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.85	
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.27	104	6.00	3.76	
Total BTEX	<0.300	0.300	07/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 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	112	16.0	07/18/2025	ND	448	112	400	3.64	

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	07/18/2025	ND	193	96.3	200	0.943	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	208	104	200	0.953	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 78.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 69.9 % 40.6-153

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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:	07/17/2025	Sampling Date:	07/16/2025
Reported:	07/22/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM SPILL (03.26.25)	Sampling Condition:	Cool & Intact
Project Number:	2687	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

**Sample ID: T - 2 (4') (H254308-10)**

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	07/18/2025	ND	1.93	96.6	2.00	5.31	
Toluene*	<0.050	0.050	07/18/2025	ND	2.00	99.9	2.00	4.27	
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.85	
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.27	104	6.00	3.76	
Total BTEX	<0.300	0.300	07/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 124 % 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	80.0	16.0	07/18/2025	ND	448	112	400	3.64	

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	07/18/2025	ND	219	110	200	1.71	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	203	102	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 63.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 60.5 % 40.6-153

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**Analytical Results For:**

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

Received: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 3 (0-1') (H254308-11)**

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	07/18/2025	ND	1.93	96.6	2.00	5.31	
Toluene*	<0.050	0.050	07/18/2025	ND	2.00	99.9	2.00	4.27	
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.85	
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.27	104	6.00	3.76	
Total BTEX	<0.300	0.300	07/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 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	592	16.0	07/18/2025	ND	448	112	400	3.64	

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	07/18/2025	ND	219	110	200	1.71	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	203	102	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 74.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 71.1 % 40.6-153

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**Analytical Results For:**

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

Received: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 3 (1.5') (H254308-12)**

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	07/18/2025	ND	1.93	96.6	2.00	5.31	
Toluene*	<0.050	0.050	07/18/2025	ND	2.00	99.9	2.00	4.27	
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.85	
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.27	104	6.00	3.76	
Total BTEX	<0.300	0.300	07/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 123 % 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	688	16.0	07/18/2025	ND	448	112	400	3.64	

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	07/18/2025	ND	219	110	200	1.71	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	203	102	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 79.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 76.1 % 40.6-153

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**Analytical Results For:**

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

Received: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 3 (2') (H254308-13)**

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	07/18/2025	ND	1.93	96.6	2.00	5.31	
Toluene*	<0.050	0.050	07/18/2025	ND	2.00	99.9	2.00	4.27	
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.85	
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.27	104	6.00	3.76	
Total BTEX	<0.300	0.300	07/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 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	576	16.0	07/18/2025	ND	448	112	400	3.64	

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	07/18/2025	ND	219	110	200	1.71	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	203	102	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 76.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 72.3 % 40.6-153

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**Analytical Results For:**

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

Received: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 3 (3') (H254308-14)**

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	07/18/2025	ND	1.93	96.6	2.00	5.31	
Toluene*	<0.050	0.050	07/18/2025	ND	2.00	99.9	2.00	4.27	
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.85	
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.27	104	6.00	3.76	
Total BTEX	<0.300	0.300	07/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	224	16.0	07/18/2025	ND	448	112	400	3.64	

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	07/18/2025	ND	219	110	200	1.71	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	203	102	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 67.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 64.1 % 40.6-153

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**Analytical Results For:**

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

Received: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 3 (4') (H254308-15)**

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	07/18/2025	ND	1.93	96.6	2.00	5.31	
Toluene*	<0.050	0.050	07/18/2025	ND	2.00	99.9	2.00	4.27	
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.85	
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.27	104	6.00	3.76	
Total BTEX	<0.300	0.300	07/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 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	192	16.0	07/18/2025	ND	448	112	400	3.64	

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	07/18/2025	ND	219	110	200	1.71	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	203	102	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 69.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 65.7 % 40.6-153

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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: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 3 (5') (H254308-16)**

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	07/18/2025	ND	1.93	96.6	2.00	5.31	
Toluene*	<0.050	0.050	07/18/2025	ND	2.00	99.9	2.00	4.27	
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.85	
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.27	104	6.00	3.76	
Total BTEX	<0.300	0.300	07/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 124 % 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	224	16.0	07/18/2025	ND	448	112	400	3.64	

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	07/18/2025	ND	219	110	200	1.71	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	203	102	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 73.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 69.7 % 40.6-153

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**Analytical Results For:**

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

Received: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 4 (0-1') (H254308-17)**

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	07/18/2025	ND	1.93	96.6	2.00	5.31	
Toluene*	<0.050	0.050	07/18/2025	ND	2.00	99.9	2.00	4.27	
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.85	
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.27	104	6.00	3.76	
Total BTEX	<0.300	0.300	07/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 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	736	16.0	07/18/2025	ND	448	112	400	3.64	

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	07/18/2025	ND	219	110	200	1.71	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	203	102	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 76.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 74.2 % 40.6-153

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**Analytical Results For:**

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

Received: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 4 (1.5') (H254308-18)**

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	07/18/2025	ND	1.93	96.6	2.00	5.31	
Toluene*	<0.050	0.050	07/18/2025	ND	2.00	99.9	2.00	4.27	
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.85	
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.27	104	6.00	3.76	
Total BTEX	<0.300	0.300	07/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 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	544	16.0	07/18/2025	ND	448	112	400	3.64	

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	07/18/2025	ND	219	110	200	1.71	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	203	102	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 75.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 70.9 % 40.6-153

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**Analytical Results For:**

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

Received: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 4 (2') (H254308-19)**

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	07/18/2025	ND	2.08	104	2.00	1.79	
Toluene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.53	
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	5.65	
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.53	109	6.00	6.35	
Total BTEX	<0.300	0.300	07/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	576	16.0	07/18/2025	ND	448	112	400	3.64	

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	07/18/2025	ND	219	110	200	1.71	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	203	102	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 74.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 70.9 % 40.6-153

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**Analytical Results For:**

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

Received: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 4 (3') (H254308-20)**

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	07/18/2025	ND	2.08	104	2.00	1.79	
Toluene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.53	
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	5.65	
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.53	109	6.00	6.35	
Total BTEX	<0.300	0.300	07/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	656	16.0	07/18/2025	ND	448	112	400	3.64	

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	07/18/2025	ND	219	110	200	1.71	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	203	102	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 78.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 74.9 % 40.6-153

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**Analytical Results For:**

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

Received: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 4 (4') (H254308-21)**

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	07/18/2025	ND	2.08	104	2.00	1.79	
Toluene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.53	
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	5.65	
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.53	109	6.00	6.35	
Total BTEX	<0.300	0.300	07/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	864	16.0	07/18/2025	ND	448	112	400	3.64	

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	07/18/2025	ND	219	110	200	1.71	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	203	102	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 74.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 70.4 % 40.6-153

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**Analytical Results For:**

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

Received: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 5 (0-1') (H254308-22)**

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	07/18/2025	ND	2.08	104	2.00	1.79	
Toluene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.53	
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	5.65	
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.53	109	6.00	6.35	
Total BTEX	<0.300	0.300	07/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	720	16.0	07/18/2025	ND	448	112	400	3.64	

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	07/18/2025	ND	219	110	200	1.71	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	203	102	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 72.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 68.0 % 40.6-153

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**Analytical Results For:**

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

Received: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 5 (1.5') (H254308-23)**

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	07/18/2025	ND	2.08	104	2.00	1.79	
Toluene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.53	
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	5.65	
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.53	109	6.00	6.35	
Total BTEX	<0.300	0.300	07/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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>864</b>	16.0	07/18/2025	ND	448	112	400	3.64	

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	07/18/2025	ND	219	110	200	1.71	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	203	102	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 69.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 66.6 % 40.6-153

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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:	07/17/2025	Sampling Date:	07/16/2025
Reported:	07/22/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM SPILL (03.26.25)	Sampling Condition:	Cool & Intact
Project Number:	2687	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

**Sample ID: T - 5 (2') (H254308-24)**

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	07/18/2025	ND	2.08	104	2.00	1.79	
Toluene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.53	
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	5.65	
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.53	109	6.00	6.35	
Total BTEX	<0.300	0.300	07/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	736	16.0	07/18/2025	ND	448	112	400	3.64	

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	07/18/2025	ND	219	110	200	1.71	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	203	102	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 74.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 69.7 % 40.6-153

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**Analytical Results For:**

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

Received: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 5 (3') (H254308-25)**

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	07/18/2025	ND	2.08	104	2.00	1.79	
Toluene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.53	
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	5.65	
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.53	109	6.00	6.35	
Total BTEX	<0.300	0.300	07/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	368	16.0	07/18/2025	ND	448	112	400	3.64	

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	07/18/2025	ND	219	110	200	1.71	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	203	102	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 74.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 69.8 % 40.6-153

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**Analytical Results For:**

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

Received: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 5 (4') (H254308-26)**

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	07/18/2025	ND	2.08	104	2.00	1.79	
Toluene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.53	
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	5.65	
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.53	109	6.00	6.35	
Total BTEX	<0.300	0.300	07/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	07/18/2025	ND	464	116	400	3.39	QM-07

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	07/18/2025	ND	219	110	200	1.71	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	203	102	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 75.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 71.2 % 40.6-153

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**Analytical Results For:**

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

Received: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 6 (0-1') (H254308-27)**

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	07/18/2025	ND	2.08	104	2.00	1.79	
Toluene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.53	
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	5.65	
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.53	109	6.00	6.35	
Total BTEX	<0.300	0.300	07/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	07/18/2025	ND	464	116	400	3.39	

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	07/18/2025	ND	219	110	200	1.71	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	203	102	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 68.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 63.5 % 40.6-153

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**Analytical Results For:**

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

Received: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 6 (1.5') (H254308-28)**

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	07/18/2025	ND	2.08	104	2.00	1.79	
Toluene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.53	
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	5.65	
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.53	109	6.00	6.35	
Total BTEX	<0.300	0.300	07/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	07/18/2025	ND	464	116	400	3.39	

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	07/18/2025	ND	219	110	200	1.71	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	203	102	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 68.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 63.6 % 40.6-153

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**Analytical Results For:**

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

Received:	07/17/2025	Sampling Date:	07/16/2025
Reported:	07/22/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM SPILL (03.26.25)	Sampling Condition:	Cool & Intact
Project Number:	2687	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

**Sample ID: T - 6 (2') (H254308-29)**

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	07/18/2025	ND	2.08	104	2.00	1.79	
Toluene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.53	
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	5.65	
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.53	109	6.00	6.35	
Total BTEX	<0.300	0.300	07/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	07/18/2025	ND	464	116	400	3.39	

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	07/18/2025	ND	219	110	200	1.71	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	203	102	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 70.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 65.5 % 40.6-153

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**Analytical Results For:**

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

Received: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 6 (3') (H254308-30)**

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	07/18/2025	ND	2.08	104	2.00	1.79	
Toluene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.53	
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	5.65	
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.53	109	6.00	6.35	
Total BTEX	<0.300	0.300	07/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	07/18/2025	ND	464	116	400	3.39	

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	07/18/2025	ND	213	107	200	0.662	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	202	101	200	0.485	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 81.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 76.5 % 40.6-153

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**Analytical Results For:**

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

Received: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 6 (4') (H254308-31)**

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	07/18/2025	ND	2.08	104	2.00	1.79	
Toluene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.53	
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	5.65	
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.53	109	6.00	6.35	
Total BTEX	<0.300	0.300	07/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	07/18/2025	ND	464	116	400	3.39	

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	07/18/2025	ND	213	107	200	0.662	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	202	101	200	0.485	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 84.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.2 % 40.6-153

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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: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 7 (0-1') (H254308-32)**

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	07/18/2025	ND	2.08	104	2.00	1.79	
Toluene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.53	
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	5.65	
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.53	109	6.00	6.35	
Total BTEX	<0.300	0.300	07/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	07/18/2025	ND	464	116	400	3.39	

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	07/18/2025	ND	213	107	200	0.662	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	202	101	200	0.485	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 86.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.3 % 40.6-153

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**Analytical Results For:**

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

Received: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 7 (1.5') (H254308-33)**

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	07/18/2025	ND	2.08	104	2.00	1.79	
Toluene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.53	
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	5.65	
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.53	109	6.00	6.35	
Total BTEX	<0.300	0.300	07/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/18/2025	ND	464	116	400	3.39	

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	07/18/2025	ND	213	107	200	0.662	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	202	101	200	0.485	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 87.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.6 % 40.6-153

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**Analytical Results For:**

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

Received: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 7 (2') (H254308-34)**

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	07/18/2025	ND	2.08	104	2.00	1.79	
Toluene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.53	
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	5.65	
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.53	109	6.00	6.35	
Total BTEX	<0.300	0.300	07/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/18/2025	ND	464	116	400	3.39	

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	07/18/2025	ND	213	107	200	0.662	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	202	101	200	0.485	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 76.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 73.4 % 40.6-153

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**Analytical Results For:**

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

Received: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 7 (3') (H254308-35)**

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	07/18/2025	ND	2.08	104	2.00	1.79	
Toluene*	<0.050	0.050	07/18/2025	ND	2.02	101	2.00	3.53	
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	2.08	104	2.00	5.65	
Total Xylenes*	<0.150	0.150	07/18/2025	ND	6.53	109	6.00	6.35	
Total BTEX	<0.300	0.300	07/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/18/2025	ND	464	116	400	3.39	

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	07/18/2025	ND	213	107	200	0.662	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	202	101	200	0.485	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 86.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 84.2 % 40.6-153

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**Analytical Results For:**

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

Received:	07/17/2025	Sampling Date:	07/16/2025
Reported:	07/22/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM SPILL (03.26.25)	Sampling Condition:	Cool & Intact
Project Number:	2687	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

**Sample ID: T - 7 (4') (H254308-36)**

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	07/19/2025	ND	2.08	104	2.00	1.79	
Toluene*	<0.050	0.050	07/19/2025	ND	2.02	101	2.00	3.53	
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	2.08	104	2.00	5.65	
Total Xylenes*	<0.150	0.150	07/19/2025	ND	6.53	109	6.00	6.35	
Total BTEX	<0.300	0.300	07/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	07/18/2025	ND	464	116	400	3.39	

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	07/18/2025	ND	213	107	200	0.662	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	202	101	200	0.485	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 86.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 84.7 % 40.6-153

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**Analytical Results For:**

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

Received: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 8 (0-1') (H254308-37)**

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	07/19/2025	ND	2.08	104	2.00	1.79	
Toluene*	<0.050	0.050	07/19/2025	ND	2.02	101	2.00	3.53	
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	2.08	104	2.00	5.65	
Total Xylenes*	<0.150	0.150	07/19/2025	ND	6.53	109	6.00	6.35	
Total BTEX	<0.300	0.300	07/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1620	16.0	07/18/2025	ND	464	116	400	3.39	

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	07/18/2025	ND	213	107	200	0.662	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	202	101	200	0.485	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 81.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 78.5 % 40.6-153

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**Analytical Results For:**

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

Received:	07/17/2025	Sampling Date:	07/16/2025
Reported:	07/22/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM SPILL (03.26.25)	Sampling Condition:	Cool & Intact
Project Number:	2687	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

**Sample ID: T - 8 (1.5') (H254308-38)**

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	07/19/2025	ND	2.08	104	2.00	1.79	
Toluene*	<0.050	0.050	07/19/2025	ND	2.02	101	2.00	3.53	
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	2.08	104	2.00	5.65	
Total Xylenes*	<0.150	0.150	07/19/2025	ND	6.53	109	6.00	6.35	
Total BTEX	<0.300	0.300	07/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1630	16.0	07/18/2025	ND	464	116	400	3.39	

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	07/18/2025	ND	213	107	200	0.662	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	202	101	200	0.485	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 88.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.7 % 40.6-153

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**Analytical Results For:**

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

Received: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 8 (2') (H254308-39)**

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	07/18/2025	ND	1.96	98.2	2.00	1.62	
Toluene*	<0.050	0.050	07/18/2025	ND	1.93	96.3	2.00	0.0224	
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	1.96	98.1	2.00	0.212	
Total Xylenes*	<0.150	0.150	07/18/2025	ND	5.96	99.4	6.00	0.0865	
Total BTEX	<0.300	0.300	07/18/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	07/18/2025	ND	464	116	400	3.39	

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	07/18/2025	ND	213	107	200	0.662	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	202	101	200	0.485	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 81.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 77.8 % 40.6-153

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**Analytical Results For:**

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

Received: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 8 (3') (H254308-40)**

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	07/18/2025	ND	1.96	98.2	2.00	1.62	
Toluene*	<0.050	0.050	07/18/2025	ND	1.93	96.3	2.00	0.0224	
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	1.96	98.1	2.00	0.212	
Total Xylenes*	<0.150	0.150	07/18/2025	ND	5.96	99.4	6.00	0.0865	
Total BTEX	<0.300	0.300	07/18/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/18/2025	ND	464	116	400	3.39	

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	07/18/2025	ND	213	107	200	0.662	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	202	101	200	0.485	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 87.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 84.4 % 40.6-153

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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:	07/17/2025	Sampling Date:	07/16/2025
Reported:	07/22/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM SPILL (03.26.25)	Sampling Condition:	Cool & Intact
Project Number:	2687	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

**Sample ID: T - 8 (4') (H254308-41)**

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	07/18/2025	ND	1.96	98.2	2.00	1.62	
Toluene*	<0.050	0.050	07/18/2025	ND	1.93	96.3	2.00	0.0224	
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	1.96	98.1	2.00	0.212	
Total Xylenes*	<0.150	0.150	07/18/2025	ND	5.96	99.4	6.00	0.0865	
Total BTEX	<0.300	0.300	07/18/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/18/2025	ND	464	116	400	3.39	

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	07/18/2025	ND	213	107	200	0.662	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	202	101	200	0.485	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 85.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.8 % 40.6-153

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**Analytical Results For:**

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

Received: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 9 (0-1') (H254308-42)**

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	07/18/2025	ND	1.96	98.2	2.00	1.62	
Toluene*	<0.050	0.050	07/18/2025	ND	1.93	96.3	2.00	0.0224	
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	1.96	98.1	2.00	0.212	
Total Xylenes*	<0.150	0.150	07/18/2025	ND	5.96	99.4	6.00	0.0865	
Total BTEX	<0.300	0.300	07/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1260	16.0	07/18/2025	ND	464	116	400	3.39	

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	07/18/2025	ND	213	107	200	0.662	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	202	101	200	0.485	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 85.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.0 % 40.6-153

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**Analytical Results For:**

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

Received: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 9 (1.5') (H254308-43)**

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	07/18/2025	ND	1.96	98.2	2.00	1.62	
Toluene*	<0.050	0.050	07/18/2025	ND	1.93	96.3	2.00	0.0224	
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	1.96	98.1	2.00	0.212	
Total Xylenes*	<0.150	0.150	07/18/2025	ND	5.96	99.4	6.00	0.0865	
Total BTEX	<0.300	0.300	07/18/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1760	16.0	07/18/2025	ND	464	116	400	3.39	

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	07/18/2025	ND	213	107	200	0.662	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	202	101	200	0.485	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 84.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.9 % 40.6-153

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**Analytical Results For:**

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

Received: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 9 (2') (H254308-44)**

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	07/18/2025	ND	1.96	98.2	2.00	1.62	
Toluene*	<0.050	0.050	07/18/2025	ND	1.93	96.3	2.00	0.0224	
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	1.96	98.1	2.00	0.212	
Total Xylenes*	<0.150	0.150	07/18/2025	ND	5.96	99.4	6.00	0.0865	
Total BTEX	<0.300	0.300	07/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1340	16.0	07/18/2025	ND	464	116	400	3.39	

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	07/18/2025	ND	213	107	200	0.662	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	202	101	200	0.485	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 90.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 87.8 % 40.6-153

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**Analytical Results For:**

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

Received: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 9 (3') (H254308-45)**

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	07/18/2025	ND	1.96	98.2	2.00	1.62	
Toluene*	<0.050	0.050	07/18/2025	ND	1.93	96.3	2.00	0.0224	
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	1.96	98.1	2.00	0.212	
Total Xylenes*	<0.150	0.150	07/18/2025	ND	5.96	99.4	6.00	0.0865	
Total BTEX	<0.300	0.300	07/18/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1310	16.0	07/18/2025	ND	464	116	400	3.39	

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	07/18/2025	ND	213	107	200	0.662	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	202	101	200	0.485	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 78.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 75.6 % 40.6-153

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**Analytical Results For:**

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

Received: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 9 (4') (H254308-46)**

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	07/18/2025	ND	1.96	98.2	2.00	1.62	
Toluene*	<0.050	0.050	07/18/2025	ND	1.93	96.3	2.00	0.0224	
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	1.96	98.1	2.00	0.212	
Total Xylenes*	<0.150	0.150	07/18/2025	ND	5.96	99.4	6.00	0.0865	
Total BTEX	<0.300	0.300	07/18/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	07/18/2025	ND	432	108	400	3.64	

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	07/18/2025	ND	213	107	200	0.662	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	202	101	200	0.485	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 86.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.4 % 40.6-153

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**Analytical Results For:**

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

Received: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 9 (5') (H254308-47)**

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	07/18/2025	ND	1.96	98.2	2.00	1.62	
Toluene*	<0.050	0.050	07/18/2025	ND	1.93	96.3	2.00	0.0224	
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	1.96	98.1	2.00	0.212	
Total Xylenes*	<0.150	0.150	07/18/2025	ND	5.96	99.4	6.00	0.0865	
Total BTEX	<0.300	0.300	07/18/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	07/18/2025	ND	432	108	400	3.64	

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	07/18/2025	ND	213	107	200	0.662	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	202	101	200	0.485	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 86.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.5 % 40.6-153

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**Analytical Results For:**

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

Received: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 10 (0-1') (H254308-48)**

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	07/18/2025	ND	1.96	98.2	2.00	1.62	
Toluene*	<0.050	0.050	07/18/2025	ND	1.93	96.3	2.00	0.0224	
Ethylbenzene*	<0.050	0.050	07/18/2025	ND	1.96	98.1	2.00	0.212	
Total Xylenes*	<0.150	0.150	07/18/2025	ND	5.96	99.4	6.00	0.0865	
Total BTEX	<0.300	0.300	07/18/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1100	16.0	07/18/2025	ND	432	108	400	3.64	

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	07/18/2025	ND	213	107	200	0.662	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	202	101	200	0.485	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 81.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 78.1 % 40.6-153

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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: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 10 (1.5') (H254308-49)**

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	07/19/2025	ND	1.96	98.2	2.00	1.62	
Toluene*	<0.050	0.050	07/19/2025	ND	1.93	96.3	2.00	0.0224	
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	1.96	98.1	2.00	0.212	
Total Xylenes*	<0.150	0.150	07/19/2025	ND	5.96	99.4	6.00	0.0865	
Total BTEX	<0.300	0.300	07/19/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1060	16.0	07/18/2025	ND	432	108	400	3.64	

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	07/18/2025	ND	213	107	200	0.662	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	202	101	200	0.485	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 84.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.1 % 40.6-153

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**Analytical Results For:**

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

Received:	07/17/2025	Sampling Date:	07/16/2025
Reported:	07/22/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM SPILL (03.26.25)	Sampling Condition:	Cool & Intact
Project Number:	2687	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

**Sample ID: T - 10 (2') (H254308-50)**

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	07/19/2025	ND	1.96	98.2	2.00	1.62	
Toluene*	<0.050	0.050	07/19/2025	ND	1.93	96.3	2.00	0.0224	
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	1.96	98.1	2.00	0.212	
Total Xylenes*	<0.150	0.150	07/19/2025	ND	5.96	99.4	6.00	0.0865	
Total BTEX	<0.300	0.300	07/19/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	07/18/2025	ND	432	108	400	3.64	

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	07/18/2025	ND	191	95.7	200	0.954	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	207	103	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 87.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.2 % 40.6-153

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**Analytical Results For:**

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

Received: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 10 (3') (H254308-51)**

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	07/19/2025	ND	1.96	98.2	2.00	1.62	
Toluene*	<0.050	0.050	07/19/2025	ND	1.93	96.3	2.00	0.0224	
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	1.96	98.1	2.00	0.212	
Total Xylenes*	<0.150	0.150	07/19/2025	ND	5.96	99.4	6.00	0.0865	
Total BTEX	<0.300	0.300	07/19/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	07/18/2025	ND	432	108	400	3.64	

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	07/18/2025	ND	191	95.7	200	0.954	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	207	103	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 89.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.7 % 40.6-153

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**Analytical Results For:**

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

Received: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 10 (4') (H254308-52)**

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	07/19/2025	ND	1.96	98.2	2.00	1.62	
Toluene*	<0.050	0.050	07/19/2025	ND	1.93	96.3	2.00	0.0224	
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	1.96	98.1	2.00	0.212	
Total Xylenes*	<0.150	0.150	07/19/2025	ND	5.96	99.4	6.00	0.0865	
Total BTEX	<0.300	0.300	07/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	07/18/2025	ND	432	108	400	3.64	

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	07/18/2025	ND	191	95.7	200	0.954	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	207	103	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 90.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 84.9 % 40.6-153

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**Analytical Results For:**

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

Received: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 11 (0-1') (H254308-53)**

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	07/19/2025	ND	1.96	98.2	2.00	1.62	
Toluene*	<0.050	0.050	07/19/2025	ND	1.93	96.3	2.00	0.0224	
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	1.96	98.1	2.00	0.212	
Total Xylenes*	<0.150	0.150	07/19/2025	ND	5.96	99.4	6.00	0.0865	
Total BTEX	<0.300	0.300	07/19/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1040	16.0	07/18/2025	ND	432	108	400	3.64	

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	07/18/2025	ND	191	95.7	200	0.954	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	207	103	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 83.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 78.6 % 40.6-153

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**Analytical Results For:**

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

Received: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 11 (1.5') (H254308-54)**

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	07/19/2025	ND	1.96	98.2	2.00	1.62	
Toluene*	<0.050	0.050	07/19/2025	ND	1.93	96.3	2.00	0.0224	
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	1.96	98.1	2.00	0.212	
Total Xylenes*	<0.150	0.150	07/19/2025	ND	5.96	99.4	6.00	0.0865	
Total BTEX	<0.300	0.300	07/19/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	912	16.0	07/18/2025	ND	432	108	400	3.64	

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	07/18/2025	ND	191	95.7	200	0.954	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	207	103	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 78.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 73.3 % 40.6-153

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**Analytical Results For:**

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

Received: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 11 (2') (H254308-55)**

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	07/19/2025	ND	1.96	98.2	2.00	1.62	
Toluene*	<0.050	0.050	07/19/2025	ND	1.93	96.3	2.00	0.0224	
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	1.96	98.1	2.00	0.212	
Total Xylenes*	<0.150	0.150	07/19/2025	ND	5.96	99.4	6.00	0.0865	
Total BTEX	<0.300	0.300	07/19/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	928	16.0	07/18/2025	ND	432	108	400	3.64	

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	07/18/2025	ND	191	95.7	200	0.954	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	207	103	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 88.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.1 % 40.6-153

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**Analytical Results For:**

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

Received: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 11 (3') (H254308-56)**

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	07/19/2025	ND	1.96	98.2	2.00	1.62	
Toluene*	<0.050	0.050	07/19/2025	ND	1.93	96.3	2.00	0.0224	
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	1.96	98.1	2.00	0.212	
Total Xylenes*	<0.150	0.150	07/19/2025	ND	5.96	99.4	6.00	0.0865	
Total BTEX	<0.300	0.300	07/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	07/18/2025	ND	432	108	400	3.64	

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	07/18/2025	ND	191	95.7	200	0.954	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	207	103	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 88.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.1 % 40.6-153

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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: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 11 (4') (H254308-57)**

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	07/19/2025	ND	1.96	98.2	2.00	1.62	
Toluene*	<0.050	0.050	07/19/2025	ND	1.93	96.3	2.00	0.0224	
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	1.96	98.1	2.00	0.212	
Total Xylenes*	<0.150	0.150	07/19/2025	ND	5.96	99.4	6.00	0.0865	
Total BTEX	<0.300	0.300	07/19/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	07/18/2025	ND	432	108	400	3.64	

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	07/18/2025	ND	191	95.7	200	0.954	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	207	103	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 89.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.7 % 40.6-153

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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: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 12 (0-1') (H254308-58)**

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	07/19/2025	ND	1.96	98.2	2.00	1.62	
Toluene*	<0.050	0.050	07/19/2025	ND	1.93	96.3	2.00	0.0224	
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	1.96	98.1	2.00	0.212	
Total Xylenes*	<0.150	0.150	07/19/2025	ND	5.96	99.4	6.00	0.0865	
Total BTEX	<0.300	0.300	07/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1040	16.0	07/18/2025	ND	432	108	400	3.64	

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	07/18/2025	ND	191	95.7	200	0.954	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	207	103	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 87.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.7 % 40.6-153

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**Analytical Results For:**

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

Received: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 12 (1.5') (H254308-59)**

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	07/19/2025	ND	1.98	99.1	2.00	6.60	
Toluene*	<0.050	0.050	07/19/2025	ND	1.97	98.3	2.00	6.61	
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	2.00	100	2.00	7.00	
Total Xylenes*	<0.150	0.150	07/19/2025	ND	6.12	102	6.00	7.09	
Total BTEX	<0.300	0.300	07/19/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2200	16.0	07/18/2025	ND	432	108	400	3.64	

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	07/18/2025	ND	191	95.7	200	0.954	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	207	103	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 89.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.2 % 40.6-153

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**Analytical Results For:**

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

Received: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 12 (2') (H254308-60)**

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	07/19/2025	ND	1.98	99.1	2.00	6.60	
Toluene*	<0.050	0.050	07/19/2025	ND	1.97	98.3	2.00	6.61	
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	2.00	100	2.00	7.00	
Total Xylenes*	<0.150	0.150	07/19/2025	ND	6.12	102	6.00	7.09	
Total BTEX	<0.300	0.300	07/19/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2400	16.0	07/18/2025	ND	432	108	400	3.64	

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	07/18/2025	ND	191	95.7	200	0.954	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	207	103	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 83.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 78.4 % 40.6-153

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**Analytical Results For:**

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

Received: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 12 (3') (H254308-61)**

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	07/19/2025	ND	1.98	99.1	2.00	6.60	
Toluene*	<0.050	0.050	07/19/2025	ND	1.97	98.3	2.00	6.61	
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	2.00	100	2.00	7.00	
Total Xylenes*	<0.150	0.150	07/19/2025	ND	6.12	102	6.00	7.09	
Total BTEX	<0.300	0.300	07/19/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3600	16.0	07/18/2025	ND	432	108	400	3.64	

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	07/18/2025	ND	191	95.7	200	0.954	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	207	103	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 68.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 63.5 % 40.6-153

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**Analytical Results For:**

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

Received:	07/17/2025	Sampling Date:	07/16/2025
Reported:	07/22/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM SPILL (03.26.25)	Sampling Condition:	Cool & Intact
Project Number:	2687	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

**Sample ID: T - 12 (4') (H254308-62)**

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	07/19/2025	ND	1.98	99.1	2.00	6.60	
Toluene*	<0.050	0.050	07/19/2025	ND	1.97	98.3	2.00	6.61	
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	2.00	100	2.00	7.00	
Total Xylenes*	<0.150	0.150	07/19/2025	ND	6.12	102	6.00	7.09	
Total BTEX	<0.300	0.300	07/19/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3200	16.0	07/18/2025	ND	432	108	400	3.64	

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	07/18/2025	ND	191	95.7	200	0.954	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	207	103	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 88.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.5 % 40.6-153

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**Analytical Results For:**

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

Received: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 12 (5') (H254308-63)**

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	07/19/2025	ND	1.98	99.1	2.00	6.60	
Toluene*	<0.050	0.050	07/19/2025	ND	1.97	98.3	2.00	6.61	
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	2.00	100	2.00	7.00	
Total Xylenes*	<0.150	0.150	07/19/2025	ND	6.12	102	6.00	7.09	
Total BTEX	<0.300	0.300	07/19/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2600	16.0	07/18/2025	ND	432	108	400	3.64	

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	07/18/2025	ND	191	95.7	200	0.954	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	207	103	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 81.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 77.6 % 40.6-153

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**Analytical Results For:**

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

Received:	07/17/2025	Sampling Date:	07/16/2025
Reported:	07/22/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM SPILL (03.26.25)	Sampling Condition:	Cool & Intact
Project Number:	2687	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

**Sample ID: T - 12 (6') (H254308-64)**

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	07/19/2025	ND	1.98	99.1	2.00	6.60	
Toluene*	<0.050	0.050	07/19/2025	ND	1.97	98.3	2.00	6.61	
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	2.00	100	2.00	7.00	
Total Xylenes*	<0.150	0.150	07/19/2025	ND	6.12	102	6.00	7.09	
Total BTEX	<0.300	0.300	07/19/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2040	16.0	07/18/2025	ND	432	108	400	3.64	

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	07/18/2025	ND	191	95.7	200	0.954	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	207	103	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 83.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 78.6 % 40.6-153

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**Analytical Results For:**

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

Received:	07/17/2025	Sampling Date:	07/16/2025
Reported:	07/22/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM SPILL (03.26.25)	Sampling Condition:	Cool & Intact
Project Number:	2687	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

**Sample ID: T - 12 (7') (H254308-65)**

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	07/19/2025	ND	1.98	99.1	2.00	6.60	
Toluene*	<0.050	0.050	07/19/2025	ND	1.97	98.3	2.00	6.61	
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	2.00	100	2.00	7.00	
Total Xylenes*	<0.150	0.150	07/19/2025	ND	6.12	102	6.00	7.09	
Total BTEX	<0.300	0.300	07/19/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	07/18/2025	ND	432	108	400	3.64	

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	07/18/2025	ND	191	95.7	200	0.954	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	207	103	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 69.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 64.9 % 40.6-153

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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: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 13 (0-1') (H254308-66)**

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	07/19/2025	ND	1.98	99.1	2.00	6.60	
Toluene*	<0.050	0.050	07/19/2025	ND	1.97	98.3	2.00	6.61	
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	2.00	100	2.00	7.00	
Total Xylenes*	<0.150	0.150	07/19/2025	ND	6.12	102	6.00	7.09	
Total BTEX	<0.300	0.300	07/19/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1680	16.0	07/21/2025	ND	432	108	400	0.00	QM-07

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	07/18/2025	ND	191	95.7	200	0.954	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	207	103	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 86.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.3 % 40.6-153

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**Analytical Results For:**

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

Received: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 13 (1.5') (H254308-67)**

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	07/19/2025	ND	1.98	99.1	2.00	6.60	
Toluene*	<0.050	0.050	07/19/2025	ND	1.97	98.3	2.00	6.61	
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	2.00	100	2.00	7.00	
Total Xylenes*	<0.150	0.150	07/19/2025	ND	6.12	102	6.00	7.09	
Total BTEX	<0.300	0.300	07/19/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1650	16.0	07/21/2025	ND	432	108	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	07/18/2025	ND	191	95.7	200	0.954	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	207	103	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 87.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.2 % 40.6-153

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**Analytical Results For:**

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

Received: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 13 (2') (H254308-68)**

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	07/19/2025	ND	1.98	99.1	2.00	6.60	
Toluene*	<0.050	0.050	07/19/2025	ND	1.97	98.3	2.00	6.61	
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	2.00	100	2.00	7.00	
Total Xylenes*	<0.150	0.150	07/19/2025	ND	6.12	102	6.00	7.09	
Total BTEX	<0.300	0.300	07/19/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	07/21/2025	ND	432	108	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	07/18/2025	ND	191	95.7	200	0.954	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	207	103	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 87.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.1 % 40.6-153

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**Analytical Results For:**

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

Received: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 13 (3') (H254308-69)**

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	07/19/2025	ND	1.98	99.1	2.00	6.60	
Toluene*	<0.050	0.050	07/19/2025	ND	1.97	98.3	2.00	6.61	
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	2.00	100	2.00	7.00	
Total Xylenes*	<0.150	0.150	07/19/2025	ND	6.12	102	6.00	7.09	
Total BTEX	<0.300	0.300	07/19/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	07/21/2025	ND	432	108	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	07/18/2025	ND	191	95.7	200	0.954	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	207	103	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 88.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.6 % 40.6-153

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**Analytical Results For:**

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

Received: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 13 (4') (H254308-70)**

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	07/19/2025	ND	1.98	99.1	2.00	6.60	
Toluene*	<0.050	0.050	07/19/2025	ND	1.97	98.3	2.00	6.61	
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	2.00	100	2.00	7.00	
Total Xylenes*	<0.150	0.150	07/19/2025	ND	6.12	102	6.00	7.09	
Total BTEX	<0.300	0.300	07/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	07/21/2025	ND	432	108	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	07/18/2025	ND	190	94.8	200	3.70	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	174	86.9	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 82.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.4 % 40.6-153

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**Analytical Results For:**

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

Received: 07/17/2025  
 Reported: 07/22/2025  
 Project Name: DEEP ELEM SPILL (03.26.25)  
 Project Number: 2687  
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: T - 13 (5') (H254308-71)**

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	07/19/2025	ND	1.98	99.1	2.00	6.60	
Toluene*	<0.050	0.050	07/19/2025	ND	1.97	98.3	2.00	6.61	
Ethylbenzene*	<0.050	0.050	07/19/2025	ND	2.00	100	2.00	7.00	
Total Xylenes*	<0.150	0.150	07/19/2025	ND	6.12	102	6.00	7.09	
Total BTEX	<0.300	0.300	07/19/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	07/21/2025	ND	432	108	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	07/18/2025	ND	190	94.8	200	3.70	
DRO >C10-C28*	<10.0	10.0	07/18/2025	ND	174	86.9	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	07/18/2025	ND					

Surrogate: 1-Chlorooctane 82.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.1 % 40.6-153

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Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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

Chain of Custody

Work Order No: 10254328

Page 1 of 8

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

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

Project Name:	Deep Elem Spill (03.26.25)	Turn Around	Pres. Code	<b>ANALYSIS REQUEST</b>		Preservative Codes
Project Number:	2687	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush				None: NO Cool: Cool HCL: HC H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> H <sub>3</sub> PO <sub>4</sub> : HP NaHSO <sub>4</sub> : NABIS Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NASO <sub>3</sub> Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
Project Location:	Eddy County, New Mexico	Due Date:				DI Water: H <sub>2</sub> O MeOH: Me HNO <sub>3</sub> : HN NaOH: Na
Sampler's Name:	JM					
PO #:						
<b>SAMPLE RECEIPT</b>	Temp Blank: <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Thermometer ID:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Well Ice:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Received In tact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Correction Factor:				
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:				
Sample Custody Seals:	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Corrected Temperature:				
Total Containers:						

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Sample Comments
T-1 (0-1')	7/16/2025		X		G	1	BTEX 8021B TPH 8015M ( GRO + DRO + MRO) Chloride 4500	
T-1 (1.5')	7/16/2025		X		G	1		
T-1 (2')	7/16/2025		X		G	1		
T-1 (3')	7/16/2025		X		G	1		
T-1 (4')	7/16/2025		X		G	1		
T-2 (0-1')	7/16/2025		X		G	1		
T-2 (1.5')	7/16/2025		X		G	1		
T-2 (2')	7/16/2025		X		G	1		
T-2 (3')	7/16/2025		X		G	1		
T-2 (4')	7/16/2025		X		G	1		

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	7-17-25 1351e		

Chain of Custody

Work Order No: 4254308

Page 2 of 8



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

Project Name:	Deep Elem Spill (03.26.25)	Turn Around	<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush
Project Number:	2687	Due Date:		
Project Location:	Eddy County, New Mexico	Sampler's Name:	JM	
PO #:		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:
<b>SAMPLE RECEIPT</b>		Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:
Total Containers:		Corrected Temperature:	4.0?	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST	Preservative Codes	Sample Comments
T-3 (0-1')	7/16/2025		X		G	1	BTEX 8021B		None: NO	DI Water: H <sub>2</sub> O
T-3 (1.5')	7/16/2025		X		G	1	TPH 8015M ( GRO + DRO + MRO)		Cool: Cool	MeOH: Me
T-3 (2')	7/16/2025		X		G	1			HCL: HC	HNO <sub>3</sub> : HN
T-3 (3')	7/16/2025		X		G	1			H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na
T-3 (4')	7/16/2025		X		G	1			H <sub>3</sub> PO <sub>4</sub> : HP	
T-3 (5')	7/16/2025		X		G	1			NaHSO <sub>4</sub> : NABIS	
T-4 (0-1')	7/16/2025		X		G	1			Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>	
T-4 (1.5')	7/16/2025		X		G	1			Zn Acetate+NaOH: Zn	
T-4 (2')	7/16/2025		X		G	1			NaOH+Ascorbic Acid: SAPC	
T-4 (3')	7/16/2025		X		G	1				

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	7-17-25 1356		

Chain of Custody

Work Order No: H254308

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

ANALYSIS REQUEST

Project Name:	Deep Elem Spill (03.26.25)	Turn Around	<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush	Pres. Code	
Project Number:	2687	Due Date:				
Project Location:	Eddy County, New Mexico	Sampler's Name:	JM			
PO #:		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:
SAMPLE RECEIPT		Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Corrected Temperature:
Total Containers:		Parameters				
		BTEX 8021B				
		TPH 8015M ( GRO + DRO + MRO)				
		Chloride 4500				
		Preservative Codes				
		None: NO	DI Water: H <sub>2</sub> O			
		Cool: Cool	MeOH: Me			
		HCL: HC	HNO <sub>3</sub> : HN			
		H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na			
		H <sub>3</sub> PO <sub>4</sub> : HP				
		NaHSO <sub>4</sub> : NABIS				
		Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub>				
		Zn Acetate+NaOH: Zn				
		NaOH+Ascorbic Acid: SAPC				

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Sample Comments
T-4 (4)	7/16/2025		X		G	1		21
T-5 (0-1')	7/16/2025		X		G	1		22
T-5 (1.5')	7/16/2025		X		G	1		23
T-5 (2')	7/16/2025		X		G	1		24
T-5 (3')	7/16/2025		X		G	1		25
T-5 (4')	7/16/2025		X		G	1		26
T-6 (0-1')	7/16/2025		X		G	1		27
T-6 (1.5')	7/16/2025		X		G	1		28
T-6 (2')	7/16/2025		X		G	1		29
T-6 (3')	7/16/2025		X		G	1		30

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	7/16/2025		

Chain of Custody

Work Order No: 14254308

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

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

Project Name:	Deep Elem Spill (03.26.25)	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code		ANALYSIS REQUEST	Preservative Codes
Project Number:	2687						None: NO DI Water: H <sub>2</sub> O Cool: Cool MeOH: Me HCL: HC HNO <sub>3</sub> : HN H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na
Project Location:	Eddy County, New Mexico	Due Date:					H <sub>3</sub> PO <sub>4</sub> : HP NaHSO <sub>4</sub> : NABIS Na <sub>2</sub> SO <sub>3</sub> : NaSO <sub>3</sub> Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
Sampler's Name:	JM						
PO #:							
<b>SAMPLE RECEIPT</b>	Temp. Blank: <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Thermometer ID:	140	Well Ice:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Received Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Correction Factor:	40.3				
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:	3.7				
Sample Custody Seals:	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Corrected Temperature:	4.0				
Total Containers:							

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Sample Comments
T-6 (4)	7/16/2025		X		G	1	BTEX 8021B TPH 8015M ( GRO + DRO + MRO) Chloride 4500	31
T-7 (0-1)	7/16/2025		X		G	1		32
T-7 (1.5)	7/16/2025		X		G	1		33
T-7 (2)	7/16/2025		X		G	1		34
T-7 (3)	7/16/2025		X		G	1		35
T-7 (4)	7/16/2025		X		G	1		36
T-8 (0-1)	7/16/2025		X		G	1		37
T-8 (1.5)	7/16/2025		X		G	1		38
T-8 (2)	7/16/2025		X		G	1		39
T-8 (3)	7/16/2025		X		G	1		40

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	7-17-25 1350		

Chain of Custody

Work Order No: H2541308

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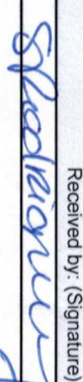
Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	(432) 813-6823	Email:	Todd.Wells@eogresources.com

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

Project Name:	Deep Elem Spill (03.26.25)	Turn Around	Pres. Code	ANALYSIS REQUEST	Preservative Codes
Project Number:	2687	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush			None: NO DI Water: H <sub>2</sub> O
Project Location:	Eddy County, New Mexico	Due Date:			Cool: Cool MeOH: Me
Sampler's Name:	JM				HCL: HC HNO <sub>3</sub> : HN
PO #:					H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na
<b>SAMPLE RECEIPT</b>	Temp Blank: Yes/No	Yes/No	Wet Ice: Yes/No		H <sub>3</sub> PO <sub>4</sub> : HP
Received Intact:	Yes/No	Thermometer ID:	Yes/No		NaHSO <sub>4</sub> : NABIS
Cooler Custody Seals:	Yes/No	Correction Factor:	Yes/No		Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NASO <sub>3</sub>
Sample Custody Seals:	Yes/No	Temperature Reading:	Yes/No		Zn Acetate+NaOH: Zn
Total Containers:	Yes/No	Corrected Temperature:	Yes/No		NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Sample Comments
T-8 (4)	7/16/2025		X		G	1	BTEX 8021B	41
T-9 (0-1)	7/16/2025		X		G	1	TPH 8015M ( GRO + DRO + MRO)	42
T-9 (1.5)	7/16/2025		X		G	1	Chloride 4500	43
T-9 (2)	7/16/2025		X		G	1		44
T-9 (3)	7/16/2025		X		G	1		45
T-9 (4)	7/16/2025		X		G	1		46
T-9 (5)	7/16/2025		X		G	1		47
T-10 (0-1)	7/16/2025		X		G	1		48
T-10 (1.5)	7/16/2025		X		G	1		49
T-10 (2)	7/16/2025		X		G	1		50

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	7-17-25 BSLU		



Chain of Custody

Work Order No: 4054308

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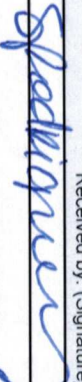
Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State Zip:	Midland, TX 79701	City, State Zip:	Midland, TX 79706
Phone:	(432) 813-6823	Email:	Todd Wells@eogresources.com

<b>Work Order Comments</b>	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level: <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other:	

Project Name:	Deep Elem Spill (03.26.25)	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	
Project Number:	2687	Due Date:			
Project Location:	Eddy County, New Mexico				
Sampler's Name:	JM				
PO #:					
<b>SAMPLE RECEIPT</b>	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Well Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:		740	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:		10.3:	
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:		3.7:	
Total Containers:		Corrected Temperature:		4.0	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST	Preservative Codes	Sample Comments
T-12 (3)	7/16/2025		X		G	1	BTEX 8021B		None: NO DI Water: H <sub>2</sub> O	601
T-12 (4)	7/16/2025		X		G	1	TPH 8015M ( GRO + DRO + MRO)		Cool: Cool MeOH: Me	602
T-12 (5)	7/16/2025		X		G	1	Chloride 4500		HCL: HC HNO <sub>3</sub> : HN	603
T-12 (6)	7/16/2025		X		G	1			H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na	604
T-12 (7)	7/16/2025		X		G	1			H <sub>3</sub> PO <sub>4</sub> : HP NaHSO <sub>4</sub> : NABIS	605
T-13 (0-1)	7/16/2025		X		G	1			Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub> Zn Acetate+NaOH: Zn	606
T-13 (1.5)	7/16/2025		X		G	1			NaOH+Ascorbic Acid: SAPC	607
T-13 (2)	7/16/2025		X		G	1				608
T-13 (3)	7/16/2025		X		G	1				609
T-13(4)	7/16/2025		X		G	1				70

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	7/17/25 1350		

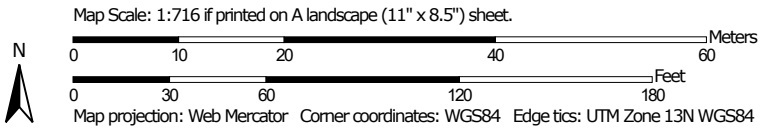
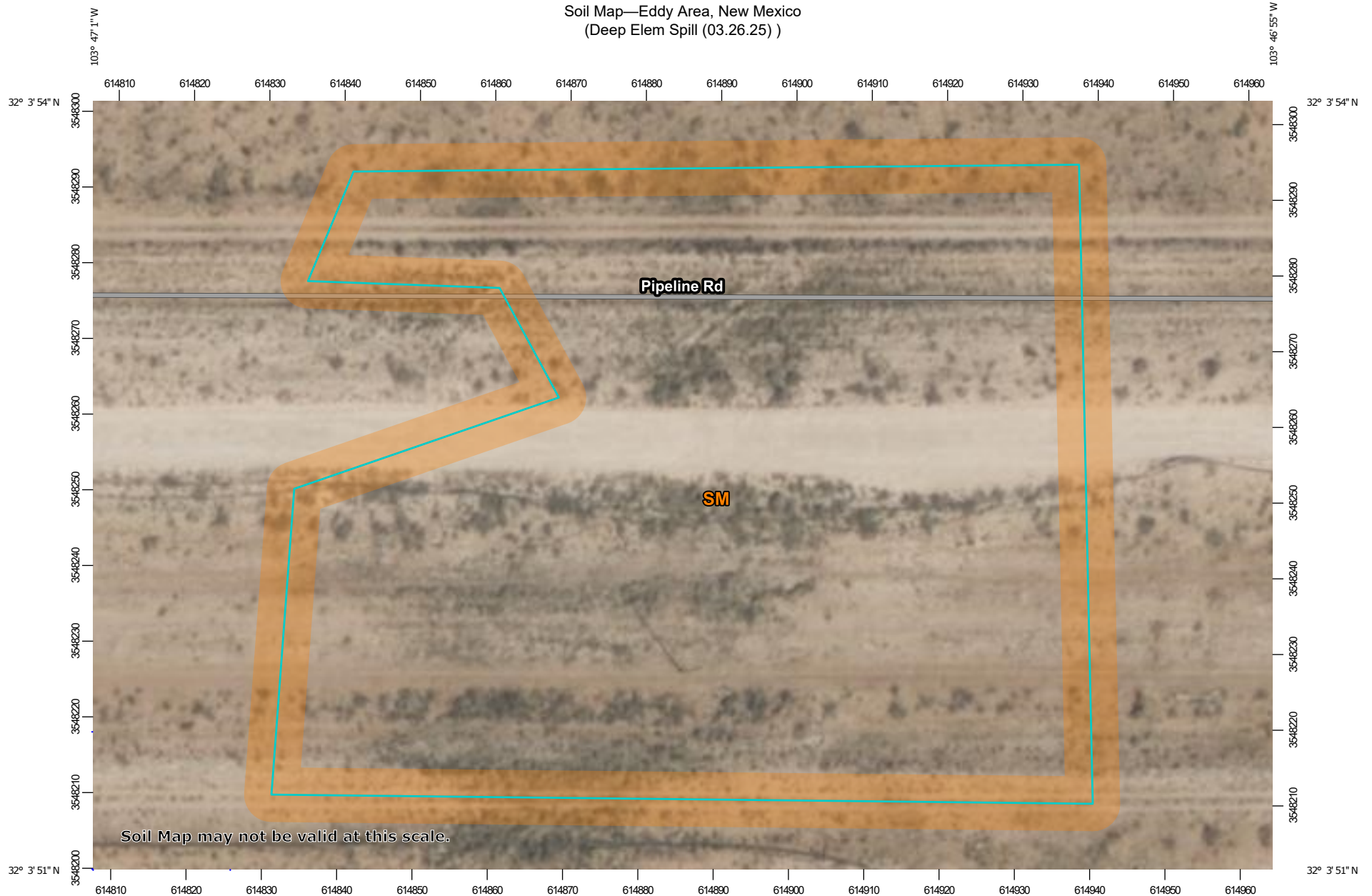


## APPENDIX F

CARMONA RESOURCES




Soil Map—Eddy Area, New Mexico  
(Deep Elem Spill (03.26.25) )



Soil Map—Eddy Area, New Mexico  
(Deep Elem Spill (03.26.25) )

### 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: Eddy Area, New Mexico  
Survey Area Data: Version 20, 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
SM	Simona-Bippus complex, 0 to 5 percent slopes	2.0	100.0%
<b>Totals for Area of Interest</b>		<b>2.0</b>	<b>100.0%</b>

## Eddy Area, New Mexico

### SM—Simona-Bippus complex, 0 to 5 percent slopes

#### Map Unit Setting

*National map unit symbol:* 1w5x  
*Elevation:* 1,800 to 5,000 feet  
*Mean annual precipitation:* 8 to 24 inches  
*Mean annual air temperature:* 57 to 70 degrees F  
*Frost-free period:* 180 to 230 days  
*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Simona and similar soils:* 55 percent  
*Bippus and similar soils:* 30 percent  
*Minor components:* 15 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Simona

##### Setting

*Landform:* Plains, alluvial fans  
*Landform position (three-dimensional):* Rise  
*Down-slope shape:* Convex, linear  
*Across-slope shape:* Linear  
*Parent material:* Mixed alluvium and/or eolian sands

##### Typical profile

*H1 - 0 to 19 inches:* gravelly fine sandy loam  
*H2 - 19 to 23 inches:* indurated

##### Properties and qualities

*Slope:* 0 to 3 percent  
*Depth to restrictive feature:* 7 to 20 inches to petrocalcic  
*Drainage class:* Well drained  
*Runoff class:* Very 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:* 15 percent  
*Maximum salinity:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)  
*Sodium adsorption ratio, maximum:* 1.0  
*Available water supply, 0 to 60 inches:* Very low (about 2.1 inches)

##### Interpretive groups

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 7e  
*Hydrologic Soil Group:* D

Map Unit Description: Simona-Bippus complex, 0 to 5 percent slopes---Eddy Area, New Mexico

Deep Elem Spill (03.26.25)

*Ecological site:* R070BD002NM - Shallow Sandy  
*Hydric soil rating:* No

### Description of Bippus

#### Setting

*Landform:* Flood plains, alluvial fans  
*Landform position (three-dimensional):* Talf, rise  
*Down-slope shape:* Convex, linear  
*Across-slope shape:* Linear  
*Parent material:* Mixed alluvium

#### Typical profile

*H1 - 0 to 37 inches:* silty clay loam  
*H2 - 37 to 60 inches:* clay loam

#### Properties and qualities

*Slope:* 0 to 5 percent  
*Depth to restrictive feature:* More than 80 inches  
*Drainage class:* Well drained  
*Runoff class:* Very 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:* Occasional  
*Frequency of ponding:* None  
*Calcium carbonate, maximum content:* 40 percent  
*Maximum salinity:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)  
*Sodium adsorption ratio, maximum:* 1.0  
*Available water supply, 0 to 60 inches:* Moderate (about 8.7 inches)

#### Interpretive groups

*Land capability classification (irrigated):* 2e  
*Land capability classification (nonirrigated):* 3e  
*Hydrologic Soil Group:* B  
*Ecological site:* R070BC017NM - Bottomland  
*Hydric soil rating:* No

### Minor Components

#### Simona

*Percent of map unit:* 8 percent  
*Ecological site:* R070BD002NM - Shallow Sandy  
*Hydric soil rating:* No

#### Bippus

*Percent of map unit:* 7 percent  
*Ecological site:* R070BC017NM - Bottomland

Map Unit Description: Simona-Bippus complex, 0 to 5 percent slopes---Eddy Area, New Mexico

Deep Elem Spill (03.26.25)

---

*Hydric soil rating:* No

## Data Source Information

Soil Survey Area: Eddy Area, New Mexico  
Survey Area Data: Version 20, 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 ( <i>Sporobolus cryptandrus</i> )	1.0
Sand love grass ( <i>Eragrostis trichodes</i> )	1.0
Plains bristlegrass ( <i>Setaria macrostachya</i> )	2.0

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

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**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

QUESTIONS

Action 573621

**QUESTIONS**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 573621
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2509855019
Incident Name	NAPP2509855019 DEEP ELEM 4 FED COM CTB LAY FLAT LINE - RELEASE 2 @ C-09-26S-31E
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	DEEP ELEM 4 FED COM CTB LAY FLAT LINE - RELEASE 2
Date Release Discovered	03/26/2025
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: 786 BBL   Recovered: 320 BBL   Lost: 466 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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QUESTIONS, Page 2

Action 573621

**QUESTIONS (continued)**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 573621
	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>

*With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.*

**Initial Response**

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

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

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

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

I hereby agree and sign off to the above statement	Name: Hadlie Stout Title: Environmental Representative II Email: Hadlie_stout@eogresources.com Date: 04/09/2026
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QUESTIONS, Page 3

Action 573621

**QUESTIONS (continued)**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 573621
	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 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1000 (ft.) and ½ (mi.)
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	Between 1000 (ft.) and ½ (mi.)
Any other fresh water well or spring	Between 1000 (ft.) and ½ (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1000 (ft.) and ½ (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between ½ and 1 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
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)	3600
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	180.6
GRO+DRO (EPA SW-846 Method 8015M)	146
BTEX (EPA SW-846 Method 8021B or 8260B)	0
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	07/08/2026
On what date will (or did) the final sampling or liner inspection occur	08/22/2026
On what date will (or was) the remediation complete(d)	10/06/2026
What is the estimated surface area (in square feet) that will be reclaimed	61824
What is the estimated volume (in cubic yards) that will be reclaimed	9620
What is the estimated surface area (in square feet) that will be remediated	61824
What is the estimated volume (in cubic yards) that will be remediated	9620

*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.*

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QUESTIONS, Page 4

Action 573621

**QUESTIONS (continued)**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 573621
	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	fEEM0112340644 R360 ARTESIA LLC LANDFARM
<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)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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: Hadlie Stout Title: Environmental Representative II Email: Hadlie_stout@eogresources.com Date: 04/09/2026
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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 573621

**QUESTIONS (continued)**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
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	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 573621

**QUESTIONS (continued)**

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	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 573621

**CONDITIONS**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 573621
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**CONDITIONS**

Created By	Condition	Condition Date
scwells	Remediation plan approved with the following conditions:	4/10/2026
scwells	1) The previous reasons of rejection have not been addressed under the Site Characterization portion of the C-141 application. Upon next C-141 submission the minimum distances to "Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)," "A wetland" and "A 100-year floodplain" must be updated in the C-141 application to reflect their correct minimum distances as stated in the 1/9/26 remediation plan denial.	4/10/2026
scwells	2) As this site is located in a medium karst potential occurrence zone, no sampling variances will be granted. Confirmation soil samples must consist of five-point composite samples from the side wall and base and individual grab samples from any wet or discolored areas, representing a surface area of no more than 200 ft2.	4/10/2026
scwells	3) OCD requires that any base or wall that is exposed during excavation, even due to benching and sloping, have samples collected pursuant to 19.15.29 NMAC. Ensure sidewall samples are collected between the varying depths of excavation and clearly show these on the Figures in your closure report.	4/10/2026
scwells	4) Excavation must continue past the proposed depths of excavation if confirmation samples do not meet the applicable Table I Closure Criteria.	4/10/2026
scwells	Submit a remediation closure report to OCD by 7/9/2026.	4/10/2026